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**Red Pine Sound Analysis  
V117- 3.3 80 m HH  
Realistic Case**

*Client*

Westwood

*Project Description*

Sound analysis on nearby residences from V117-3.3 80 m HH WTG's (v24) assuming 108.5 at 10 m/s at HH and General ground attenuation model (0.5). Includes ambient noise (40 dB(A)).

*Location: Ivanhoe, MN*

*Project #: 20162030*


*Issue Dates*

#	Description	Date
1	Original	2016.06.30
Drawn By: JH		Checked By: JH

*Legend*

- Occupied Residences (dB(A))
- Realistic Case Sound Levels dB(A)**
- 35
- 40
- 45
- 50
- 55
- ▲ V117 80m HH v24

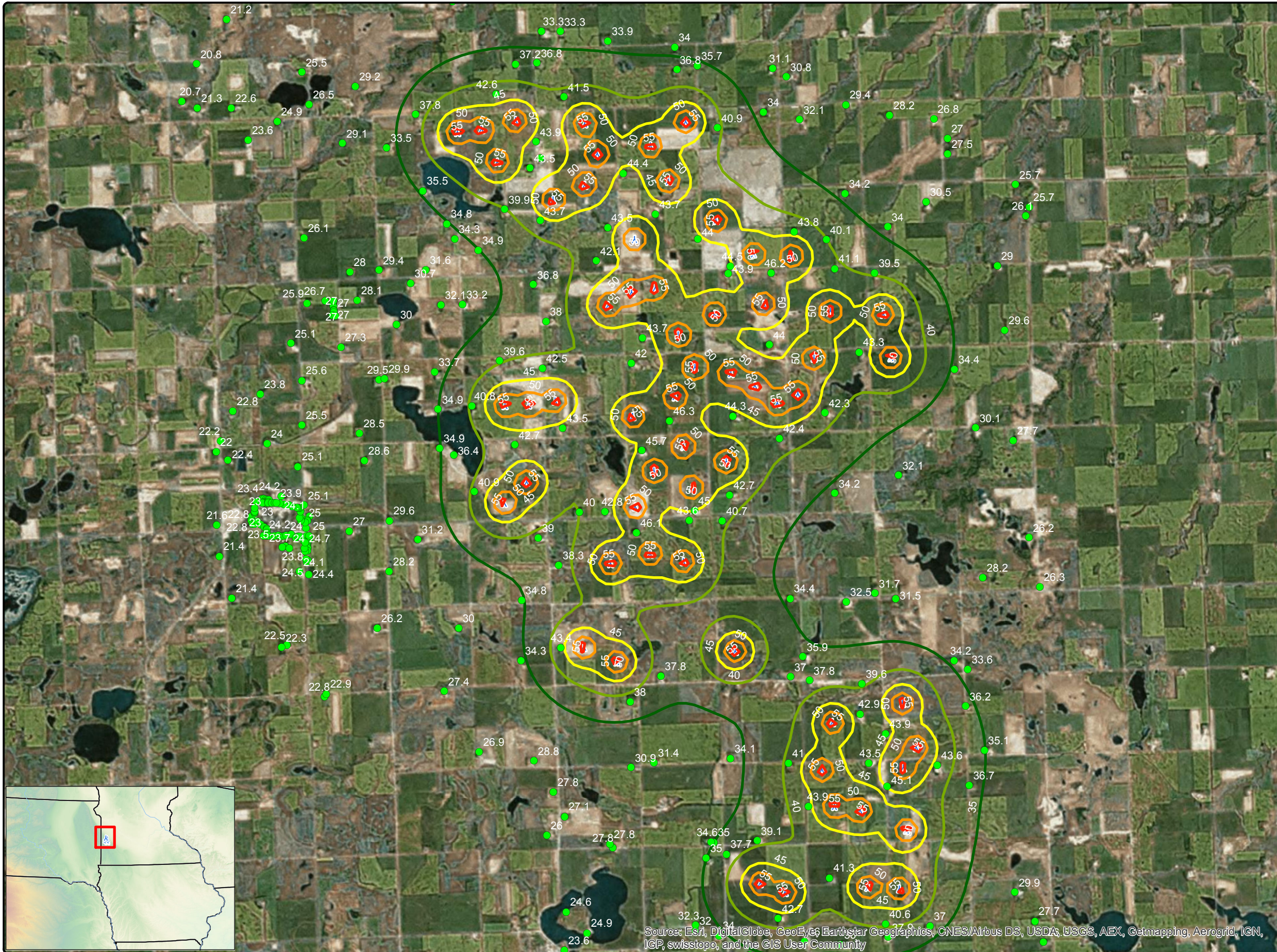
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**Red Pine Sound Analysis  
V126 - 3.3 87 m HH  
Realistic Case**

*Client*  
Westwood

*Project Description*  
Sound analysis on nearby residences from V126-3.3 87 m HH WTG's (v25) assuming 108.5 at 10 m/s at HH and General ground attenuation model (0.5). Includes ambient noise (40 dB(A)).

*Location: Ivanhoe, MN*  
*Project #: 20162030*

*Issue Dates*

#	Description	Date
1	Original	2016.06.30

Drawn By: JH      Checked By: JH

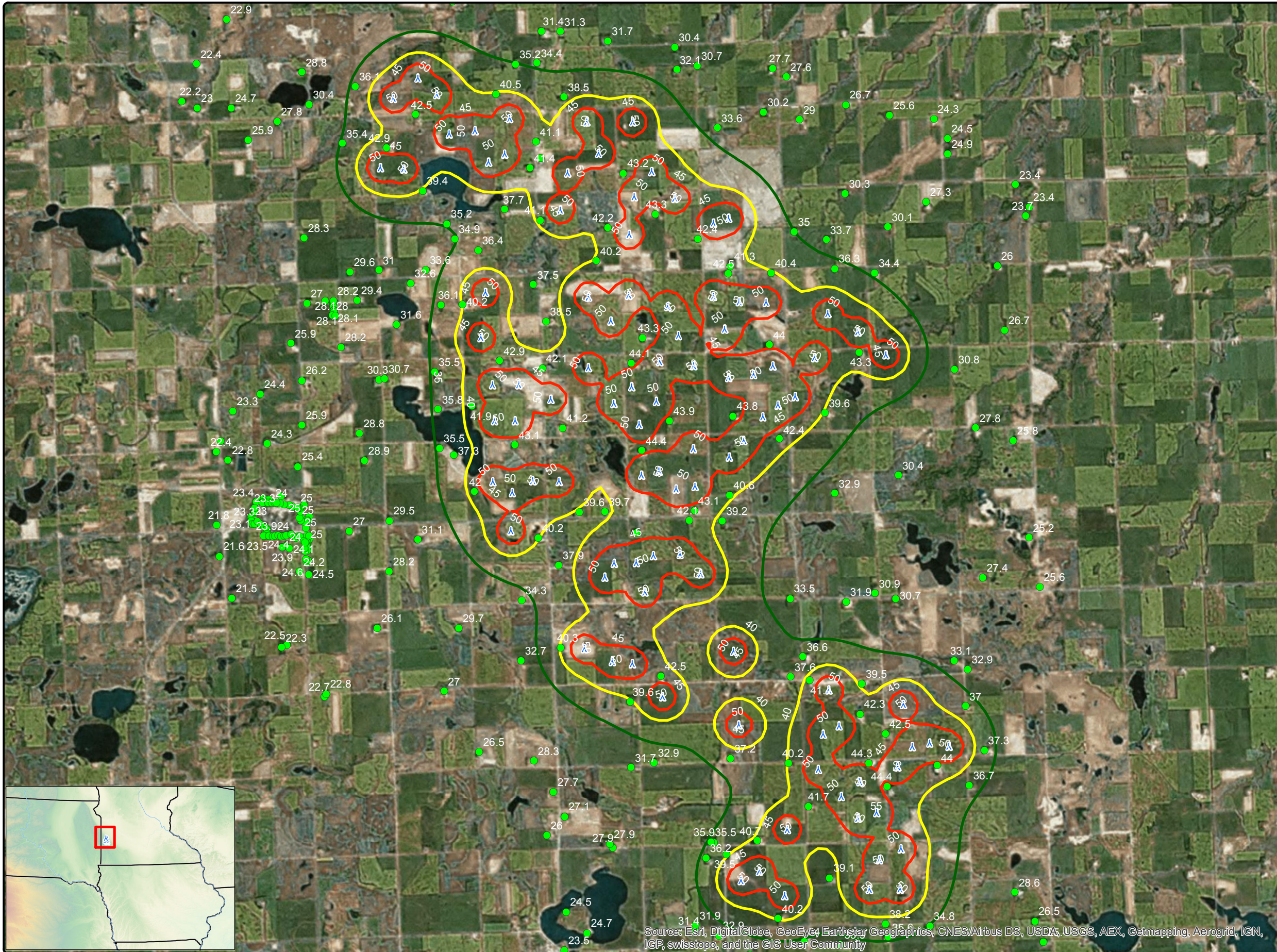
- Legend*
- Occupied Residences dB(A)
  - Realistic Case Sound Level (dB(A))**
  - 35
  - 40
  - 45
  - 50
  - 55
  - ▲ V126 87m HH v25

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0    0.5    1    2 Mile

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**Red Pine Sound Analysis  
V100 - 2.0 80 m HH  
Realistic Case**

*Client*  
Westwood

*Project Description*  
Sound analysis on nearby residences from V100-2.0 80 m HH WTG's (v26) assuming 105 at 10 m/s at HH and General ground attenuation model (0.5). Includes ambient noise (40 dB(A)).

*Location: Ivanhoe, MN*  
*Project #: 20162030*


*Issue Dates*

#	Description	Date
1	Original	2016.06.30

Drawn By: JH      Checked By: JH

- Legend*
- Occupied Residences dB(A)
  - Realistic Case Sound Level (dB(A))**
  - 35
  - 40
  - 45
  - ▲ V100\_80m HH v26

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## DECIBEL - Main Result

Calculation: V117 Day v24

Noise calculation model:

ISO 9613-2 General

Wind speed:

95% rated power

Ground attenuation:

General, fixed, Ground factor: 0.5

Meteorological coefficient, CO:

0.0 dB

Type of demand in calculation:

2: WTG plus ambient noise is compared to ambient noise plus margin (FR etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

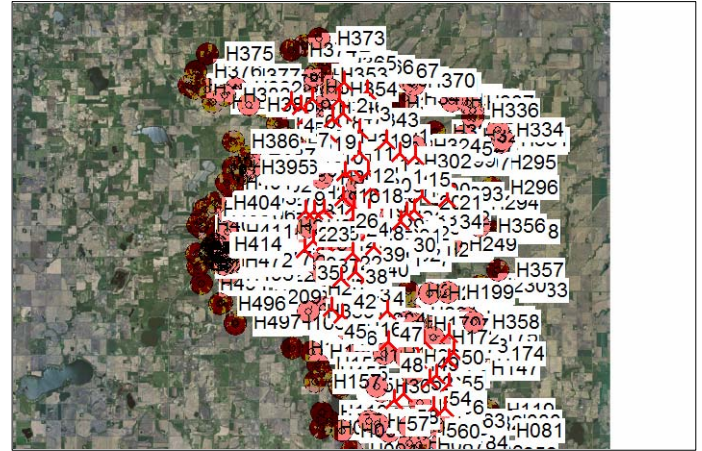
Pure and Impulse tone penalty are added to WTG source noise

Height above ground level, when no value in NSA object:

1.5 m Don't allow override of model height with height from NSA object

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0.0 dB(A)



Scale 1:400,000

New WTG

Noise sensitive area

## WTGs

	Easting	Northing	Z	Row data/Description	WTG type				Noise data				Wind speed [m/s]	Lwa,ref [dB(A)]	Pure tones
					Valid	Manufact.	Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Creator	Name			
1	725,271	4,933,999	463.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
2	725,246	4,935,533	457.2	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
3	726,500	4,935,150	451.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
4	722,484	4,934,413	489.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
5	723,021	4,934,242	493.8	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
6	723,577	4,934,672	475.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
7	723,285	4,933,740	493.2	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
8	725,028	4,934,669	463.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
9	724,688	4,933,681	471.8	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
10	724,520	4,932,922	476.4	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
11	726,156	4,933,178	463.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
12	726,185	4,932,052	469.4	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
13	727,600	4,932,700	460.2	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
14	728,352	4,932,085	460.2	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
15	729,150	4,932,000	457.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
16	725,486	4,931,023	484.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
17	725,877	4,931,258	477.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
18	726,717	4,931,064	474.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
19	726,918	4,930,333	477.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
20	729,835	4,930,832	460.2	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
21	730,927	4,930,874	450.7	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
22	723,442	4,929,043	499.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
23	723,903	4,929,064	491.6	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
24	726,002	4,929,389	485.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
25	724,426	4,929,138	494.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
26	725,426	4,929,798	481.6	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
27	725,962	4,928,810	493.8	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
28	726,808	4,929,221	481.6	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
29	727,866	4,929,612	475.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
30	728,535	4,928,722	474.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
31	728,820	4,929,124	475.5	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
32	729,218	4,929,285	472.4	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
33	729,581	4,930,015	469.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
34	730,936	4,929,953	454.2	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
35	723,461	4,927,126	509.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
36	723,892	4,927,605	503.3	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
37	724,509	4,927,520	498.9	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
38	726,002	4,927,040	496.8	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
39	726,922	4,928,172	487.7	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
40	727,114	4,927,422	493.8	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
41	727,806	4,927,947	484.6	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
42	725,459	4,925,756	509.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
43	726,200	4,926,150	503.6	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
44	726,950	4,925,950	506.7	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
45	724,995	4,924,279	509.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
46	725,576	4,923,958	509.0	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
47	727,954	4,924,228	491.9	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
48	728,044	4,922,701	490.7	Primary	Yes	VESTAS	V117-3.3-3.300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V117 Day v24

...continued from previous page

Row	Easting	Northing	Z [m]	Row data/Description	WTG type			Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data		Wind speed [m/s]	LwA,ref [dB(A)]	Pure tones
					Valid	Manufact.	Type-generator				Creator	Name			
49	729,950	4,922,800	490.7	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
50	731,274	4,923,176	490.7	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
51	731,550	4,922,300	493.5	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
52	729,666	4,921,841	498.1	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
53	730,316	4,920,862	496.8	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
54	730,695	4,921,129	496.7	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
55	731,300	4,921,900	505.4	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
56	731,375	4,920,700	487.7	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
57	728,462	4,919,806	502.9	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
58	728,966	4,920,169	500.5	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
59	730,597	4,919,550	506.0	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No
60	731,227	4,919,507	504.8	Primary	Yes	VESTAS	V117-3.3-3,300	3,300	117.0	80.0	USER	Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014	(95%)	108.5	No

## Calculation Results

### Sound Level

Noise sensitive area			Demands				Sound Level				Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m]	
H048	H048	728,115	4,916,639	516.0	1.5	40.0	20.0	60.0	27.2	40.2	0.2	5,427	Yes
H049	H049	729,402	4,916,508	512.1	1.5	40.0	20.0	60.0	27.7	40.2	0.2	5,333	Yes
H050	H050	729,569	4,916,874	509.0	1.5	40.0	20.0	60.0	28.8	40.3	0.3	4,961	Yes
H051	H051	730,735	4,917,064	503.4	1.5	40.0	20.0	60.0	29.7	40.4	0.4	4,884	Yes
H052	H052	731,794	4,916,898	502.9	1.5	40.0	20.0	60.0	28.4	40.3	0.3	5,368	Yes
H053	H053	733,740	4,917,275	503.6	1.5	40.0	20.0	60.0	26.3	40.2	0.2	6,102	Yes
H080	H080	733,892	4,918,871	496.1	1.5	40.0	20.0	60.0	28.8	40.3	0.3	5,146	Yes
H081	H081	734,062	4,918,455	492.4	1.5	40.0	20.0	60.0	27.7	40.2	0.2	5,530	Yes
H082	H082	731,822	4,918,771	504.0	1.5	40.0	20.0	60.0	37.3	41.9	1.9	3,735	Yes
H083	H083	731,969	4,917,306	501.5	1.5	40.0	20.0	60.0	29.5	40.4	0.4	5,072	Yes
H084	H084	731,115	4,917,750	504.7	1.5	40.0	20.0	60.0	32.5	40.7	0.7	4,327	Yes
H085	H085	730,996	4,918,554	509.0	1.5	40.0	20.0	60.0	38.1	42.1	2.1	3,533	Yes
H086	H086	730,055	4,918,409	509.0	1.5	40.0	20.0	60.0	35.7	41.4	1.4	3,445	Yes
H087	H087	729,859	4,917,612	504.6	1.5	40.0	20.0	60.0	31.6	40.6	0.6	4,226	Yes
H088	H088	729,346	4,918,466	511.6	1.5	40.0	20.0	60.0	34.9	41.2	1.2	3,385	Yes
H090	H090	729,379	4,917,669	504.4	1.5	40.0	20.0	60.0	31.4	40.6	0.6	4,176	Yes
H091	H091	728,270	4,918,198	512.1	1.5	40.0	20.0	60.0	32.6	40.7	0.7	3,901	Yes
H092	H092	727,660	4,918,585	507.0	1.5	40.0	20.0	60.0	33.0	40.8	0.8	3,828	Yes
H093	H093	727,196	4,918,680	503.0	1.5	40.0	20.0	60.0	31.7	40.6	0.6	4,017	Yes
H094	H094	726,328	4,917,193	508.3	1.5	40.0	20.0	60.0	26.2	40.2	0.2	5,727	Yes
H095	H095	725,053	4,918,637	503.7	1.5	40.0	20.0	60.0	26.4	40.2	0.2	5,351	Yes
H096	H096	725,749	4,918,172	506.0	1.5	40.0	20.0	60.0	26.9	40.2	0.2	5,375	Yes
H097	H097	724,605	4,918,290	505.3	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,755	Yes
H112	H112	725,564	4,920,316	506.0	1.5	40.0	20.0	60.0	29.4	40.4	0.4	3,646	Yes
H113	H113	724,645	4,919,053	515.1	1.5	40.0	20.0	60.0	26.3	40.2	0.2	4,997	Yes
H114	H114	727,408	4,920,113	496.8	1.5	40.0	20.0	60.0	36.0	41.5	1.5	2,853	Yes
H115	H115	727,195	4,918,789	503.5	1.5	40.0	20.0	60.0	32.1	40.6	0.6	3,933	Yes
H116	H116	727,808	4,920,191	496.8	1.5	40.0	20.0	60.0	39.3	42.7	2.7	2,493	Yes
H117	H117	728,824	4,918,918	512.1	1.5	40.0	20.0	60.0	37.8	42.0	2.0	3,040	Yes
H118	H118	729,840	4,919,722	506.7	1.5	40.0	20.0	60.0	41.4	43.7	3.7	2,118	Yes
H119	H119	733,501	4,919,439	490.7	1.5	40.0	20.0	60.0	30.8	40.5	0.5	4,506	Yes
H147	H147	732,601	4,921,545	496.8	1.5	40.0	20.0	60.0	37.2	41.8	1.8	2,930	Yes
H148	H148	731,968	4,921,946	509.0	1.5	40.0	20.0	60.0	43.8	45.3	5.3	2,285	Yes
H149	H149	730,978	4,921,525	490.1	1.5	40.0	20.0	60.0	46.4	47.3	7.3	1,329	Yes
H150	H150	730,614	4,921,987	493.8	1.5	40.0	20.0	60.0	43.7	45.3	5.3	941	Yes
H151	H151	728,411	4,920,456	492.6	1.5	40.0	20.0	60.0	42.8	44.6	4.6	1,876	Yes
H152	H152	727,560	4,920,426	493.8	1.5	40.0	20.0	60.0	36.6	41.6	1.6	2,548	Yes
H153	H153	725,920	4,921,900	505.9	1.5	40.0	20.0	60.0	32.5	40.7	0.7	2,091	Yes
H154	H154	725,506	4,920,392	506.0	1.5	40.0	20.0	60.0	29.4	40.4	0.4	3,571	Yes
H155	H155	724,610	4,920,935	509.0	1.5	40.0	20.0	60.0	28.8	40.3	0.3	3,178	Yes
H156	H156	724,389	4,921,420	506.7	1.5	40.0	20.0	60.0	29.4	40.4	0.4	2,806	Yes
H157	H157	724,262	4,920,563	509.0	1.5	40.0	20.0	60.0	27.7	40.2	0.2	3,645	Yes

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## DECIBEL - Main Result

### Calculation: V117 Day v24

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Noise sensitive area				Demands			Sound Level				Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m]	
H161	H161	719,874	4,923,300	527.8	1.5	40.0	20.0	60.0	24.8	40.1	0.1	5,734	Yes
H163	H163	722,237	4,923,405	515.1	1.5	40.0	20.0	60.0	28.9	40.3	0.3	3,380	Yes
H165	H165	724,007	4,922,031	510.8	1.5	40.0	20.0	60.0	30.1	40.4	0.4	2,489	Yes
H166	H166	722,929	4,922,208	512.0	1.5	40.0	20.0	60.0	28.5	40.3	0.3	3,175	Yes
H167	H167	725,905	4,923,197	505.5	1.5	40.0	20.0	60.0	38.5	42.3	2.3	833	Yes
H168	H168	726,376	4,921,996	503.0	1.5	40.0	20.0	60.0	33.4	40.9	0.9	2,122	Yes
H169	H169	727,888	4,922,075	487.7	1.5	40.0	20.0	60.0	40.4	43.2	3.2	1,810	Yes
H170	H170	729,447	4,923,620	485.4	1.5	40.0	20.0	60.0	38.4	42.3	2.3	1,799	Yes
H171	H171	730,476	4,923,553	475.5	1.5	40.0	20.0	60.0	40.0	43.0	3.0	1,890	Yes
H172	H172	730,448	4,922,958	484.6	1.5	40.0	20.0	60.0	43.6	45.2	5.2	1,356	Yes
H173	H173	730,945	4,922,563	494.7	1.5	40.0	20.0	60.0	44.1	45.5	5.5	1,455	Yes
H174	H174	732,896	4,922,239	494.4	1.5	40.0	20.0	60.0	35.6	41.3	1.3	3,236	Yes
H175	H175	732,529	4,923,110	487.7	1.5	40.0	20.0	60.0	36.6	41.6	1.6	3,116	Yes
H198	H198	732,299	4,924,009	472.4	1.5	40.0	20.0	60.0	34.7	41.1	1.1	3,399	Yes
H199	H199	731,149	4,925,228	487.7	1.5	40.0	20.0	60.0	32.5	40.7	0.7	3,694	Yes
H200	H200	730,170	4,925,171	494.4	1.5	40.0	20.0	60.0	33.4	40.9	0.9	3,369	Yes
H201	H201	729,315	4,924,087	490.7	1.5	40.0	20.0	60.0	36.7	41.7	1.7	2,280	Yes
H202	H202	729,062	4,925,235	496.8	1.5	40.0	20.0	60.0	35.2	41.2	1.2	3,454	Yes
H203	H203	729,073	4,923,692	480.5	1.5	40.0	20.0	60.0	37.9	42.1	2.1	1,953	Yes
H204	H204	726,516	4,923,705	496.2	1.5	40.0	20.0	60.0	38.2	42.2	2.2	968	Yes
H206	H206	724,535	4,924,268	514.9	1.5	40.0	20.0	60.0	43.5	45.1	5.1	1,076	Yes
H207	H207	723,763	4,925,198	499.9	1.5	40.0	20.0	60.0	35.6	41.4	1.4	2,183	Yes
H208	H208	722,520	4,924,652	502.9	1.5	40.0	20.0	60.0	31.3	40.5	0.5	3,124	Yes
H209	H209	720,913	4,924,651	518.2	1.5	40.0	20.0	60.0	27.8	40.3	0.3	4,705	Yes
H210	H210	719,507	4,926,626	512.7	1.5	40.0	20.0	60.0	26.7	40.2	0.2	4,627	Yes
H211	H211	719,523	4,926,471	514.2	1.5	40.0	20.0	60.0	26.7	40.2	0.2	4,697	Yes
H212	H212	719,508	4,926,363	515.1	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,770	Yes
H213	H213	719,505	4,926,222	515.9	1.5	40.0	20.0	60.0	26.5	40.2	0.2	4,853	Yes
H214	H214	719,520	4,925,949	518.2	1.5	40.0	20.0	60.0	26.3	40.2	0.2	5,006	Yes
H215	H215	719,559	4,925,707	521.2	1.5	40.0	20.0	60.0	26.3	40.2	0.2	5,131	Yes
H217	H217	720,364	4,926,560	506.4	1.5	40.0	20.0	60.0	28.5	40.3	0.3	3,966	Yes
H220	H220	721,714	4,926,403	499.9	1.5	40.0	20.0	60.0	32.2	40.7	0.7	3,170	Yes
H221	H221	721,151	4,925,769	501.9	1.5	40.0	20.0	60.0	29.6	40.4	0.4	4,010	Yes
H222	H222	724,090	4,926,435	502.9	1.5	40.0	20.0	60.0	40.0	43.0	3.0	2,704	Yes
H224	H224	724,495	4,925,892	497.6	1.5	40.0	20.0	60.0	39.1	42.6	2.6	2,198	Yes
H225	H225	727,070	4,926,781	494.1	1.5	40.0	20.0	60.0	43.4	45.0	5.0	2,434	Yes
H226	H226	726,032	4,926,532	502.6	1.5	40.0	20.0	60.0	46.7	47.5	7.5	2,594	Yes
H227	H227	727,725	4,926,770	490.7	1.5	40.0	20.0	60.0	40.7	43.4	3.4	2,116	Yes
H228	H228	730,741	4,925,336	490.7	1.5	40.0	20.0	60.0	32.7	40.7	0.7	3,655	Yes
H230	H230	732,867	4,925,647	469.4	1.5	40.0	20.0	60.0	29.4	40.4	0.4	4,964	Yes
H233	H233	733,996	4,925,469	453.5	1.5	40.0	20.0	60.0	27.7	40.2	0.2	5,638	Yes
H248	H248	733,466	4,928,352	430.0	1.5	40.0	20.0	60.0	28.8	40.3	0.3	4,937	Yes
H249	H249	731,198	4,927,668	473.6	1.5	40.0	20.0	60.0	32.9	40.8	0.8	2,861	Yes
H250	H250	729,945	4,927,311	472.4	1.5	40.0	20.0	60.0	35.0	41.2	1.2	1,998	Yes
H251	H251	727,868	4,927,277	486.4	1.5	40.0	20.0	60.0	42.8	44.6	4.6	1,594	Yes
H252	H252	727,174	4,926,976	496.8	1.5	40.0	20.0	60.0	44.9	46.1	6.1	2,216	Yes
H253	H253	726,136	4,928,157	496.8	1.5	40.0	20.0	60.0	43.8	45.3	5.3	2,458	Yes
H254	H254	725,409	4,926,953	499.9	1.5	40.0	20.0	60.0	43.1	44.9	4.9	2,883	Yes
H255	H255	724,906	4,926,938	505.1	1.5	40.0	20.0	60.0	42.1	44.2	4.2	2,579	Yes
H257	H257	723,631	4,928,266	501.0	1.5	40.0	20.0	60.0	43.5	45.1	5.1	817	Yes
H258	H258	722,827	4,927,341	502.0	1.5	40.0	20.0	60.0	40.9	43.5	3.5	1,826	Yes
H259	H259	722,426	4,928,074	502.1	1.5	40.0	20.0	60.0	37.0	41.8	1.8	1,416	Yes
H260	H260	722,146	4,928,204	507.0	1.5	40.0	20.0	60.0	35.6	41.3	1.3	1,553	Yes
H261	H261	721,153	4,926,772	500.9	1.5	40.0	20.0	60.0	30.8	40.5	0.5	3,237	Yes
H262	H262	720,658	4,927,958	512.1	1.5	40.0	20.0	60.0	30.0	40.4	0.4	2,993	Yes
H278	H278	720,561	4,928,494	507.3	1.5	40.0	20.0	60.0	29.9	40.4	0.4	2,934	Yes
H279	H279	720,947	4,929,553	506.0	1.5	40.0	20.0	60.0	30.8	40.5	0.5	2,540	Yes
H280	H280	721,059	4,929,572	506.0	1.5	40.0	20.0	60.0	31.1	40.5	0.5	2,434	Yes
H281	H281	722,112	4,928,971	502.3	1.5	40.0	20.0	60.0	35.6	41.3	1.3	1,331	Yes
H282	H282	722,047	4,929,705	502.9	1.5	40.0	20.0	60.0	34.5	41.1	1.1	1,533	Yes

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## DECIBEL - Main Result

### Calculation: V117 Day v24

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Noise sensitive area				Demands			Sound Level				Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m]	
H283	H283	722,783	4,929,036	500.5	1.5	40.0	20.0	60.0	41.1	43.6	3.6	657	Yes
H284	H284	723,329	4,929,926	509.0	1.5	40.0	20.0	60.0	40.0	43.0	3.0	868	Yes
H285	H285	724,173	4,929,776	495.5	1.5	40.0	20.0	60.0	43.0	44.8	4.8	1,019	Yes
H286	H286	724,573	4,928,599	490.7	1.5	40.0	20.0	60.0	44.3	45.7	5.7	1,220	Yes
H287	H287	726,685	4,928,739	479.2	1.5	40.0	20.0	60.0	46.2	47.1	7.1	1,840	Yes
H288	H288	725,925	4,929,877	478.5	1.5	40.0	20.0	60.0	46.4	47.3	7.3	2,611	Yes
H289	H289	727,931	4,928,837	472.4	1.5	40.0	20.0	60.0	44.7	46.0	6.0	603	Yes
H292	H292	729,748	4,928,899	475.5	1.5	40.0	20.0	60.0	42.5	44.4	4.4	1,216	Yes
H293	H293	730,428	4,930,100	457.2	1.5	40.0	20.0	60.0	44.2	45.6	5.6	2,327	Yes
H294	H294	732,309	4,929,759	445.0	1.5	40.0	20.0	60.0	34.4	41.0	1.0	3,902	Yes
H295	H295	733,156	4,931,801	423.7	1.5	40.0	20.0	60.0	29.7	40.4	0.4	5,539	Yes
H296	H296	733,299	4,930,528	432.8	1.5	40.0	20.0	60.0	30.2	40.4	0.4	5,082	Yes
H297	H297	730,732	4,931,660	445.0	1.5	40.0	20.0	60.0	39.6	42.8	2.8	3,652	Yes
H299	H299	729,943	4,931,746	451.2	1.5	40.0	20.0	60.0	40.8	43.4	3.4	3,316	Yes
H300	H300	728,657	4,930,240	468.1	1.5	40.0	20.0	60.0	42.1	44.2	4.2	1,501	Yes
H301	H301	727,843	4,931,649	463.3	1.5	40.0	20.0	60.0	42.3	44.3	4.3	2,986	Yes
H302	H302	728,688	4,931,663	463.3	1.5	40.0	20.0	60.0	44.6	45.9	5.9	2,923	Yes
H303	H303	726,149	4,930,379	475.5	1.5	40.0	20.0	60.0	44.3	45.7	5.7	2,890	Yes
H305	H305	724,247	4,930,703	490.7	1.5	40.0	20.0	60.0	38.9	42.5	2.5	1,825	Yes
H307	H307	723,993	4,931,431	483.9	1.5	40.0	20.0	60.0	37.5	41.9	1.9	2,429	Yes
H308	H308	722,594	4,931,039	509.0	1.5	40.0	20.0	60.0	34.2	41.0	1.0	2,148	Yes
H309	H309	722,171	4,931,027	509.0	1.5	40.0	20.0	60.0	33.2	40.8	0.8	2,337	Yes
H310	H310	721,293	4,930,646	506.0	1.5	40.0	20.0	60.0	31.3	40.5	0.5	2,667	Yes
H311	H311	721,574	4,931,459	509.0	1.5	40.0	20.0	60.0	31.9	40.6	0.6	3,036	Yes
H312	H312	720,950	4,931,718	506.9	1.5	40.0	20.0	60.0	30.6	40.5	0.5	3,639	Yes
H313	H313	721,869	4,931,720	506.4	1.5	40.0	20.0	60.0	32.7	40.7	0.7	3,085	Yes
H314	H314	722,445	4,932,328	481.6	1.5	40.0	20.0	60.0	35.2	41.2	1.2	3,260	Yes
H315	H315	722,907	4,932,108	484.6	1.5	40.0	20.0	60.0	35.8	41.4	1.4	3,005	Yes
H316	H316	722,291	4,932,632	478.9	1.5	40.0	20.0	60.0	35.7	41.4	1.4	3,255	Yes
H317	H317	723,428	4,932,915	481.6	1.5	40.0	20.0	60.0	40.6	43.3	3.3	2,115	Yes
H318	H318	724,132	4,932,703	476.1	1.5	40.0	20.0	60.0	44.3	45.7	5.7	1,705	Yes
H319	H319	725,462	4,932,557	465.8	1.5	40.0	20.0	60.0	42.2	44.3	4.3	1,450	Yes
H320	H320	725,235	4,931,900	472.4	1.5	40.0	20.0	60.0	42.1	44.2	4.2	2,091	Yes
H321	H321	726,401	4,932,818	463.3	1.5	40.0	20.0	60.0	45.1	46.3	6.3	1,644	Yes
H322	H322	727,242	4,932,330	463.3	1.5	40.0	20.0	60.0	43.8	45.3	5.3	2,595	Yes
H323	H323	727,883	4,931,792	463.3	1.5	40.0	20.0	60.0	43.4	45.0	5.0	3,117	Yes
H324	H324	729,140	4,932,472	451.1	1.5	40.0	20.0	60.0	43.8	45.3	5.3	3,777	Yes
H325	H325	729,778	4,932,315	448.1	1.5	40.0	20.0	60.0	40.3	43.2	3.2	3,782	Yes
H326	H326	730,143	4,933,232	432.8	1.5	40.0	20.0	60.0	34.3	41.0	1.0	4,768	Yes
H327	H327	730,991	4,932,569	435.9	1.5	40.0	20.0	60.0	34.2	41.0	1.0	4,546	Yes
H328	H328	731,748	4,933,066	426.7	1.5	40.0	20.0	60.0	31.0	40.5	0.5	5,386	Yes
H330	H330	733,715	4,932,788	410.2	1.5	40.0	20.0	60.0	27.2	40.2	0.2	6,571	Yes
H331	H331	733,786	4,932,965	411.1	1.5	40.0	20.0	60.0	26.8	40.2	0.2	6,736	Yes
H334	H334	733,512	4,933,404	403.7	1.5	40.0	20.0	60.0	26.8	40.2	0.2	6,818	Yes
H335	H335	732,170	4,934,010	415.9	1.5	40.0	20.0	60.0	28.3	40.3	0.3	6,399	Yes
H336	H336	732,168	4,934,316	405.4	1.5	40.0	20.0	60.0	27.8	40.3	0.3	6,652	Yes
H337	H337	731,900	4,934,701	410.7	1.5	40.0	20.0	60.0	27.7	40.2	0.2	6,689	Yes
H338	H338	731,026	4,934,775	415.1	1.5	40.0	20.0	60.0	28.9	40.3	0.3	5,830	Yes
H339	H339	730,162	4,934,981	423.2	1.5	40.0	20.0	60.0	29.8	40.4	0.4	5,012	Yes
H340	H340	729,245	4,934,684	432.8	1.5	40.0	20.0	60.0	31.9	40.6	0.6	4,056	Yes
H341	H341	728,538	4,934,833	436.8	1.5	40.0	20.0	60.0	33.0	40.8	0.8	3,395	Yes
H342	H342	727,624	4,934,523	445.0	1.5	40.0	20.0	60.0	36.3	41.5	1.5	2,434	Yes
H343	H343	725,770	4,933,628	460.2	1.5	40.0	20.0	60.0	44.3	45.7	5.7	635	Yes
H345	H345	724,138	4,933,926	472.4	1.5	40.0	20.0	60.0	44.2	45.6	5.6	1,113	Yes
H346	H346	724,049	4,934,248	467.6	1.5	40.0	20.0	60.0	44.0	45.5	5.5	1,227	Yes
H347	H347	723,930	4,933,727	474.4	1.5	40.0	20.0	60.0	44.0	45.5	5.5	1,345	Yes
H348	H348	721,813	4,933,283	475.4	1.5	40.0	20.0	60.0	36.2	41.5	1.5	3,508	Yes
H349	H349	721,098	4,934,128	483.7	1.5	40.0	20.0	60.0	34.1	41.0	1.0	4,153	Yes
H350	H350	721,670	4,934,790	486.9	1.5	40.0	20.0	60.0	37.8	42.1	2.1	3,667	Yes
H351	H351	723,260	4,935,189	469.4	1.5	40.0	20.0	60.0	42.4	44.4	4.4	2,321	Yes

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## DECIBEL - Main Result

### Calculation: V117 Day v24

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Noise sensitive area				Demands			Sound Level				Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m]	
H352	H352	723,642	4,935,778	463.3	1.5	40.0	20.0	60.0	37.7	42.0	2.0	2,403	Yes
H353	H353	724,065	4,935,805	460.2	1.5	40.0	20.0	60.0	38.1	42.1	2.1	2,166	Yes
H354	H354	724,602	4,935,135	463.3	1.5	40.0	20.0	60.0	43.2	44.9	4.9	1,314	Yes
H355	H355	728,849	4,928,393	463.3	1.5	40.0	20.0	60.0	45.2	46.4	6.4	458	Yes
H356	H356	732,723	4,928,604	421.9	1.5	40.0	20.0	60.0	30.8	40.5	0.5	4,182	Yes
H357	H357	733,778	4,926,437	445.0	1.5	40.0	20.0	60.0	27.6	40.2	0.2	5,717	Yes
H358	H358	732,570	4,923,836	473.6	1.5	40.0	20.0	60.0	34.1	41.0	1.0	3,510	Yes
H359	H359	723,754	4,924,013	502.9	1.5	40.0	20.0	60.0	34.9	41.2	1.2	1,816	Yes
H360	H360	729,031	4,921,984	502.9	1.5	40.0	20.0	60.0	41.6	43.9	3.9	668	Yes
H361	H361	729,422	4,921,135	499.9	1.5	40.0	20.0	60.0	42.0	44.1	4.1	746	Yes
H362	H362	727,502	4,920,433	493.5	1.5	40.0	20.0	60.0	36.2	41.5	1.5	2,592	Yes
H363	H363	730,944	4,918,814	507.9	1.5	40.0	20.0	60.0	40.8	43.4	3.4	3,272	Yes
H364	H364	724,155	4,936,433	454.2	1.5	40.0	20.0	60.0	35.2	41.3	1.3	2,675	Yes
H365	H365	724,528	4,936,423	453.1	1.5	40.0	20.0	60.0	36.2	41.5	1.5	2,536	Yes
H366	H366	725,463	4,936,235	451.1	1.5	40.0	20.0	60.0	39.5	42.8	2.8	2,254	Yes
H367	H367	726,789	4,936,117	441.7	1.5	40.0	20.0	60.0	36.7	41.7	1.7	2,625	Yes
H368	H368	726,834	4,935,674	444.5	1.5	40.0	20.0	60.0	40.5	43.3	3.3	2,312	Yes
H369	H369	727,227	4,935,749	439.0	1.5	40.0	20.0	60.0	36.9	41.7	1.7	2,646	Yes
H370	H370	728,722	4,935,700	431.2	1.5	40.0	20.0	60.0	31.0	40.5	0.5	3,871	Yes
H371	H371	728,990	4,935,533	424.0	1.5	40.0	20.0	60.0	30.8	40.5	0.5	4,046	Yes
H372	H372	723,087	4,937,254	432.0	1.5	40.0	20.0	60.0	30.6	40.5	0.5	3,914	Yes
H373	H373	723,847	4,937,637	429.2	1.5	40.0	20.0	60.0	30.2	40.4	0.4	3,906	Yes
H374	H374	722,400	4,937,023	442.0	1.5	40.0	20.0	60.0	30.5	40.5	0.5	4,160	Yes
H375	H375	717,939	4,936,666	490.7	1.5	40.0	20.0	60.0	23.1	40.1	0.1	7,784	Yes
H376	H376	717,348	4,935,787	503.0	1.5	40.0	20.0	60.0	22.8	40.1	0.1	8,102	Yes
H377	H377	719,427	4,935,624	483.7	1.5	40.0	20.0	60.0	26.8	40.2	0.2	6,046	Yes
H378	H378	720,478	4,935,343	481.6	1.5	40.0	20.0	60.0	30.0	40.4	0.4	4,958	Yes
H379	H379	717,052	4,935,051	491.3	1.5	40.0	20.0	60.0	22.7	40.1	0.1	8,265	Yes
H380	H380	717,361	4,934,918	490.5	1.5	40.0	20.0	60.0	23.3	40.1	0.1	7,942	Yes
H381	H381	718,033	4,934,915	496.8	1.5	40.0	20.0	60.0	24.4	40.1	0.1	7,274	Yes
H382	H382	719,570	4,934,987	483.6	1.5	40.0	20.0	60.0	27.7	40.2	0.2	5,765	Yes
H383	H383	718,939	4,934,649	490.7	1.5	40.0	20.0	60.0	26.3	40.2	0.2	6,344	Yes
H384	H384	718,363	4,934,282	502.9	1.5	40.0	20.0	60.0	25.3	40.1	0.1	6,892	Yes
H385	H385	720,227	4,934,216	473.0	1.5	40.0	20.0	60.0	30.1	40.4	0.4	5,027	Yes
H386	H386	719,469	4,932,351	512.1	1.5	40.0	20.0	60.0	27.6	40.2	0.2	5,155	Yes
H387	H387	720,374	4,931,680	509.0	1.5	40.0	20.0	60.0	29.4	40.4	0.4	4,030	Yes
H388	H388	719,527	4,931,060	499.9	1.5	40.0	20.0	60.0	27.5	40.2	0.2	4,392	Yes
H389	H389	719,883	4,931,108	502.1	1.5	40.0	20.0	60.0	28.2	40.3	0.3	4,102	Yes
H390	H390	720,045	4,931,077	502.9	1.5	40.0	20.0	60.0	28.6	40.3	0.3	3,947	Yes
H391	H391	720,045	4,931,054	502.9	1.5	40.0	20.0	60.0	28.5	40.3	0.3	3,935	Yes
H392	H392	720,043	4,931,025	502.9	1.5	40.0	20.0	60.0	28.5	40.3	0.3	3,922	Yes
H393	H393	720,047	4,930,997	502.9	1.5	40.0	20.0	60.0	28.5	40.3	0.3	3,905	Yes
H394	H394	720,058	4,930,934	502.9	1.5	40.0	20.0	60.0	28.6	40.3	0.3	3,864	Yes
H395	H395	720,050	4,931,112	502.9	1.5	40.0	20.0	60.0	28.6	40.3	0.3	3,960	Yes
H396	H396	720,520	4,931,120	505.7	1.5	40.0	20.0	60.0	29.5	40.4	0.4	3,571	Yes
H397	H397	720,056	4,930,918	502.9	1.5	40.0	20.0	60.0	28.6	40.3	0.3	3,858	Yes
H398	H398	720,056	4,930,883	502.9	1.5	40.0	20.0	60.0	28.6	40.3	0.3	3,842	Yes
H399	H399	720,026	4,930,818	502.7	1.5	40.0	20.0	60.0	28.5	40.3	0.3	3,838	Yes
H400	H400	720,090	4,930,817	502.9	1.5	40.0	20.0	60.0	28.6	40.3	0.3	3,781	Yes
H401	H401	719,212	4,930,271	506.5	1.5	40.0	20.0	60.0	26.9	40.2	0.2	4,397	Yes
H402	H402	720,196	4,930,196	501.5	1.5	40.0	20.0	60.0	28.9	40.3	0.3	3,436	Yes
H403	H403	719,426	4,929,541	503.7	1.5	40.0	20.0	60.0	27.3	40.2	0.2	4,042	Yes
H404	H404	718,603	4,929,272	509.0	1.5	40.0	20.0	60.0	25.8	40.2	0.2	4,841	Yes
H405	H405	718,065	4,928,934	509.0	1.5	40.0	20.0	60.0	24.8	40.1	0.1	5,376	Yes
H406	H406	719,426	4,928,658	502.9	1.5	40.0	20.0	60.0	27.2	40.2	0.2	4,034	Yes
H407	H407	718,741	4,928,291	502.9	1.5	40.0	20.0	60.0	25.9	40.2	0.2	4,762	Yes
H408	H408	717,825	4,928,342	509.0	1.5	40.0	20.0	60.0	24.4	40.1	0.1	5,661	Yes
H409	H409	717,737	4,928,130	506.8	1.5	40.0	20.0	60.0	24.2	40.1	0.1	5,778	Yes
H410	H410	717,968	4,927,972	503.8	1.5	40.0	20.0	60.0	24.5	40.1	0.1	5,579	Yes
H411	H411	719,345	4,927,841	509.0	1.5	40.0	20.0	60.0	26.9	40.2	0.2	4,273	Yes

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## DECIBEL - Main Result

### Calculation: V117 Day v24

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Noise sensitive area				Demands			Sound Level				Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m]	
H412	H412	718,640	4,927,210	509.3	1.5	40.0	20.0	60.0	25.4	40.1	0.1	5,145	Yes
H413	H413	718,674	4,927,202	509.0	1.5	40.0	20.0	60.0	25.5	40.1	0.1	5,116	Yes
H414	H414	718,719	4,927,194	508.7	1.5	40.0	20.0	60.0	25.5	40.2	0.2	5,077	Yes
H415	H415	718,746	4,927,190	508.7	1.5	40.0	20.0	60.0	25.6	40.2	0.2	5,054	Yes
H416	H416	718,650	4,927,138	511.6	1.5	40.0	20.0	60.0	25.4	40.1	0.1	5,162	Yes
H417	H417	718,524	4,927,140	512.1	1.5	40.0	20.0	60.0	25.2	40.1	0.1	5,278	Yes
H418	H418	718,773	4,927,185	508.7	1.5	40.0	20.0	60.0	25.6	40.2	0.2	5,030	Yes
H419	H419	718,717	4,927,134	511.1	1.5	40.0	20.0	60.0	25.5	40.2	0.2	5,101	Yes
H420	H420	718,719	4,927,122	511.6	1.5	40.0	20.0	60.0	25.5	40.2	0.2	5,104	Yes
H421	H421	718,649	4,927,122	512.1	1.5	40.0	20.0	60.0	25.4	40.1	0.1	5,169	Yes
H422	H422	718,762	4,927,140	510.3	1.5	40.0	20.0	60.0	25.6	40.2	0.2	5,057	Yes
H423	H423	718,760	4,927,123	511.0	1.5	40.0	20.0	60.0	25.6	40.2	0.2	5,066	Yes
H424	H424	718,831	4,927,126	509.2	1.5	40.0	20.0	60.0	25.7	40.2	0.2	4,999	Yes
H425	H425	718,888	4,927,123	508.3	1.5	40.0	20.0	60.0	25.8	40.2	0.2	4,948	Yes
H426	H426	719,017	4,927,257	503.0	1.5	40.0	20.0	60.0	26.1	40.2	0.2	4,777	Yes
H427	H427	719,468	4,927,074	503.6	1.5	40.0	20.0	60.0	26.9	40.2	0.2	4,442	Yes
H428	H428	719,572	4,926,856	509.8	1.5	40.0	20.0	60.0	27.0	40.2	0.2	4,453	Yes
H429	H429	719,530	4,926,789	512.6	1.5	40.0	20.0	60.0	26.9	40.2	0.2	4,523	Yes
H430	H430	719,534	4,926,763	513.8	1.5	40.0	20.0	60.0	26.9	40.2	0.2	4,533	Yes
H431	H431	719,490	4,926,738	512.8	1.5	40.0	20.0	60.0	26.8	40.2	0.2	4,583	Yes
H432	H432	719,408	4,926,829	509.2	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,609	Yes
H433	H433	719,403	4,926,777	510.2	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,639	Yes
H434	H434	719,380	4,926,829	509.1	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,634	Yes
H435	H435	719,399	4,926,968	506.0	1.5	40.0	20.0	60.0	26.7	40.2	0.2	4,551	Yes
H436	H436	719,399	4,926,945	506.5	1.5	40.0	20.0	60.0	26.7	40.2	0.2	4,562	Yes
H437	H437	719,377	4,927,021	505.1	1.5	40.0	20.0	60.0	26.7	40.2	0.2	4,547	Yes
H438	H438	719,351	4,927,025	505.3	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,568	Yes
H439	H439	719,328	4,927,030	505.5	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,587	Yes
H440	H440	719,234	4,927,054	507.1	1.5	40.0	20.0	60.0	26.4	40.2	0.2	4,661	Yes
H441	H441	719,169	4,927,074	507.9	1.5	40.0	20.0	60.0	26.3	40.2	0.2	4,711	Yes
H442	H442	719,070	4,927,094	507.7	1.5	40.0	20.0	60.0	26.1	40.2	0.2	4,793	Yes
H443	H443	718,996	4,927,108	507.2	1.5	40.0	20.0	60.0	26.0	40.2	0.2	4,855	Yes
H444	H444	718,923	4,927,121	507.5	1.5	40.0	20.0	60.0	25.9	40.2	0.2	4,916	Yes
H445	H445	718,421	4,926,841	509.9	1.5	40.0	20.0	60.0	24.9	40.1	0.1	5,489	Yes
H446	H446	718,434	4,926,862	510.7	1.5	40.0	20.0	60.0	24.9	40.1	0.1	5,468	Yes
H447	H447	718,493	4,926,914	513.8	1.5	40.0	20.0	60.0	25.0	40.1	0.1	5,393	Yes
H448	H448	718,492	4,926,941	513.8	1.5	40.0	20.0	60.0	25.1	40.1	0.1	5,383	Yes
H449	H449	718,495	4,926,956	513.7	1.5	40.0	20.0	60.0	25.1	40.1	0.1	5,375	Yes
H450	H450	718,491	4,927,025	513.3	1.5	40.0	20.0	60.0	25.1	40.1	0.1	5,352	Yes
H451	H451	718,426	4,926,767	510.7	1.5	40.0	20.0	60.0	24.9	40.1	0.1	5,514	Yes
H452	H452	717,742	4,926,689	510.1	1.5	40.0	20.0	60.0	23.8	40.1	0.1	6,172	Yes
H453	H453	718,452	4,926,708	511.8	1.5	40.0	20.0	60.0	24.9	40.1	0.1	5,516	Yes
H454	H454	718,493	4,926,708	512.7	1.5	40.0	20.0	60.0	25.0	40.1	0.1	5,479	Yes
H455	H455	718,554	4,926,754	514.3	1.5	40.0	20.0	60.0	25.1	40.1	0.1	5,404	Yes
H456	H456	718,619	4,926,695	515.1	1.5	40.0	20.0	60.0	25.2	40.1	0.1	5,371	Yes
H457	H457	718,680	4,926,647	515.1	1.5	40.0	20.0	60.0	25.2	40.1	0.1	5,338	Yes
H458	H458	718,731	4,926,613	515.1	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,308	Yes
H459	H459	718,735	4,926,591	515.1	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,315	Yes
H460	H460	718,736	4,926,532	514.5	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,341	Yes
H461	H461	718,737	4,926,501	514.1	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,355	Yes
H462	H462	718,738	4,926,469	513.6	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,370	Yes
H463	H463	718,669	4,926,475	514.4	1.5	40.0	20.0	60.0	25.1	40.1	0.1	5,427	Yes
H464	H464	718,782	4,926,469	513.4	1.5	40.0	20.0	60.0	25.3	40.1	0.1	5,331	Yes
H465	H465	718,848	4,926,463	513.1	1.5	40.0	20.0	60.0	25.4	40.1	0.1	5,277	Yes
H466	H466	718,896	4,926,471	513.0	1.5	40.0	20.0	60.0	25.5	40.2	0.2	5,231	Yes
H467	H467	718,961	4,926,477	512.8	1.5	40.0	20.0	60.0	25.6	40.2	0.2	5,172	Yes
H468	H468	719,015	4,926,468	512.4	1.5	40.0	20.0	60.0	25.7	40.2	0.2	5,129	Yes
H469	H469	719,076	4,926,472	512.1	1.5	40.0	20.0	60.0	25.8	40.2	0.2	5,075	Yes
H470	H470	719,121	4,926,477	512.1	1.5	40.0	20.0	60.0	25.9	40.2	0.2	5,034	Yes
H471	H471	719,215	4,926,502	512.1	1.5	40.0	20.0	60.0	26.1	40.2	0.2	4,940	Yes

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## DECIBEL - Main Result

### Calculation: V117 Day v24

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Noise sensitive area					Demands			Sound Level				Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[m]	
H472	H472	719,307	4,926,427	515.1	1.5	40.0	20.0	60.0	26.2	40.2	0.2	4,902	Yes
H473	H473	719,352	4,926,461	514.2	1.5	40.0	20.0	60.0	26.3	40.2	0.2	4,846	Yes
H474	H474	719,383	4,926,461	514.5	1.5	40.0	20.0	60.0	26.4	40.2	0.2	4,819	Yes
H475	H475	719,464	4,926,375	515.1	1.5	40.0	20.0	60.0	26.5	40.2	0.2	4,799	Yes
H476	H476	719,576	4,926,416	514.8	1.5	40.0	20.0	60.0	26.7	40.2	0.2	4,683	Yes
H477	H477	719,566	4,926,470	514.3	1.5	40.0	20.0	60.0	26.8	40.2	0.2	4,661	Yes
H478	H478	719,535	4,926,339	515.1	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,761	Yes
H479	H479	719,536	4,926,309	515.1	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,777	Yes
H480	H480	719,536	4,926,284	515.2	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,792	Yes
H481	H481	719,537	4,926,259	515.4	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,806	Yes
H482	H482	719,541	4,926,230	515.6	1.5	40.0	20.0	60.0	26.6	40.2	0.2	4,819	Yes
H483	H483	719,534	4,926,180	516.1	1.5	40.0	20.0	60.0	26.5	40.2	0.2	4,855	Yes
H484	H484	719,544	4,925,995	518.0	1.5	40.0	20.0	60.0	26.4	40.2	0.2	4,959	Yes
H485	H485	719,511	4,926,019	517.8	1.5	40.0	20.0	60.0	26.4	40.2	0.2	4,970	Yes
H486	H486	719,492	4,926,169	516.4	1.5	40.0	20.0	60.0	26.4	40.2	0.2	4,895	Yes
H487	H487	719,477	4,926,230	516.0	1.5	40.0	20.0	60.0	26.4	40.2	0.2	4,871	Yes
H488	H488	719,487	4,926,336	515.1	1.5	40.0	20.0	60.0	26.5	40.2	0.2	4,802	Yes
H489	H489	719,102	4,926,261	515.7	1.5	40.0	20.0	60.0	25.8	40.2	0.2	5,164	Yes
H490	H490	719,043	4,926,243	518.2	1.5	40.0	20.0	60.0	25.7	40.2	0.2	5,223	Yes
H491	H491	719,175	4,926,227	515.1	1.5	40.0	20.0	60.0	25.9	40.2	0.2	5,122	Yes
H492	H492	717,799	4,926,069	512.1	1.5	40.0	20.0	60.0	23.6	40.1	0.1	6,386	Yes
H493	H493	719,379	4,925,767	520.5	1.5	40.0	20.0	60.0	26.0	40.2	0.2	5,230	Yes
H494	H494	718,045	4,925,241	521.2	1.5	40.0	20.0	60.0	23.6	40.1	0.1	6,611	Yes
H495	H495	719,130	4,924,317	521.2	1.5	40.0	20.0	60.0	24.6	40.1	0.1	6,410	Yes
H496	H496	719,026	4,924,271	523.4	1.5	40.0	20.0	60.0	24.4	40.1	0.1	6,515	Yes
H497	H497	719,904	4,923,356	529.0	1.5	40.0	20.0	60.0	24.9	40.1	0.1	5,698	Yes

### Distances (m)

NSA	WTG																					
	55	44	43	35	27	50	40	20	19	6	21	5	42	32	16	49	29	41	58	3	36	33
H048	6150	9384	9702	11473	12360	7261	10829	14296	13746	18595	14510	18326	9496	12694	14622	6428	12976	11312	3631	18581	11751	13457
H049	5716	9755	10160	12167	12774	6926	11151	14330	14046	19075	14447	18847	10054	12778	15034	6316	13194	11550	3687	18867	12390	13509
H050	5316	9446	9869	11933	12469	6529	10830	13960	13718	18780	14066	18562	9787	12416	14726	5938	12852	11213	3350	18532	12140	13141
H051	4869	9659	10155	12416	12699	6136	10972	13797	13807	19007	13811	18831	10168	12315	14913	5789	12872	11270	3574	18575	12567	13003
H052	5026	10267	10812	13192	13263	6300	11517	14071	14293	19581	14003	19437	10891	12652	15469	6183	13307	11747	4324	19004	13307	13303
H053	5229	11016	11645	14237	13912	6396	12118	14108	14733	20148	13887	20070	11854	12833	16035	6700	13664	12211	5583	19286	14272	13402
H080	3987	9915	10590	13302	12715	5039	10911	12630	13417	18870	12364	18827	10887	11415	14776	5566	12316	10928	5094	17879	13277	11949
H081	4416	10332	11001	13695	13147	5483	11343	13079	13861	19311	12809	19265	11284	11864	15215	5982	12762	11368	5376	18328	13680	12398
H082	3172	8676	9277	11820	11624	4439	9849	12223	12559	17911	12136	17799	9449	10832	13793	4443	11541	10016	3180	17222	11871	11465
H083	4642	9995	10559	12993	12978	5911	11220	13693	13972	19287	13608	19155	10667	12291	15172	5853	12972	11426	4149	18663	13088	12932
H084	4154	9197	9732	12103	12201	5428	10467	13144	13265	18525	13125	18371	9803	11690	14417	5183	12299	10721	3236	18002	12218	12361
H085	3360	8430	8983	11413	11425	4631	9680	12332	12465	17743	12320	17599	9085	10877	13632	4373	11493	9920	2594	17194	11506	11548
H086	3706	8155	8648	10930	11177	4921	9480	12425	12330	17506	12496	17325	8666	10908	13416	4392	11415	9800	2070	17114	11070	11616
H087	4524	8831	9289	11465	11857	5741	10186	13220	13057	18180	13305	17981	9257	11690	14106	5189	12165	10537	2709	17857	11639	12407
H088	3951	7858	8303	10470	10883	5090	9230	12375	12113	17202	12508	16997	8262	10820	13137	4376	11244	9605	1745	16925	10643	11552
H090	4647	8630	9057	11156	11653	5824	10012	13170	12901	17966	13295	17751	8987	11617	13910	5163	12039	10398	2534	17716	11350	12348
H091	4784	7864	8217	10140	10860	5814	9296	12730	12210	17129	12952	16881	8064	11127	13124	4899	11421	9760	2091	17044	10376	11890
H092	4923	7399	7705	9517	10365	5843	8853	12438	11771	16597	12716	16330	7502	10813	12626	4797	11029	9363	2053	16606	9775	11591
H093	5216	7274	7536	9235	10205	6070	8742	12435	11656	16396	12752	16113	7286	10796	12461	4956	10953	9287	2313	16485	9517	11584
H094	6847	8779	8958	10338	11623	7763	10259	14082	13153	17694	14433	17367	8607	12432	13856	6675	12514	10855	3977	17958	10693	13229
H095	7048	7555	7600	8637	10214	7701	9023	13099	11844	16103	13574	15737	7131	11433	12393	6427	11330	9709	4202	16576	9043	12246
H096	6687	7870	7991	9241	10640	7455	9350	13303	12217	16642	13717	16300	7590	11642	12854	6250	11634	9989	3787	16995	9614	12448
H097	7606	8011	8020	8909	10607	8268	9470	13588	12263	16414	14083	16031	7515	11923	12763	6994	11782	10174	4749	16966	9342	12738
H112	5951	5802	5869	7127	8503	6387	7273	11350	10108	14493	11842	14157	5441	9684	10707	5041	9577	7954	3405	14864	7478	10498
H113	7238	7272	7265	8159	9846	7807	8725	12871	11507	15656	13387	15276	6753	11207	11999	6495	11039	9439	4463	16204	8585	12023
H114	4283	5855	6157	8047	8816	4933	7315	10990	10232	15055	11322	14795	5970	9349	11078	3699	9510	7844	1559	15064	8276	10138
H115	5151	7165	7428	9135	10097	5991	8633	12329	11547	16290	12648	16007	7180	10689	12353	4866	10844	9178	2245	16376	9414	11477
H116	3888	5823	6172	8184	8814	4575	7264	10832	10181	15086	11129	14844	6041	9202	11078	3376	9421	7756	1158	15016	8385	9983
H117	3876	7277	7693	9804	10298	4913	8674	11956	11573	16605	12140	16386	7621	10374	12557	4042	10737	9086	1259	16398	9989	11123
H118	2622	6866	7387	9773	9881	3740	8168	11110	11006	16209	11205	16042	7457	9583	12111	3080	10085	8473	982	15785	9875	10297
H119	3302	9236	9917	12644	12027	4350	10223	11968	12729	18180	11721	18138	10227	10737	14086	4889	11630	10238	4593	17200	12610	11279

To be continued on next page...

DECIBEL - Main Result

Calculation: V117 Day v24

...continued from previous page

Table with columns for WTG (55, 44, 43, 35, 27, 50, 40, 20, 19, 6, 21, 5, 42, 32, 16, 49, 29, 41, 58, 3, 36, 33) and rows for NSA (H147 to H279) containing numerical values.

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V117 Day v24

...continued from previous page

NSA	WTG	55	44	43	35	27	50	40	20	19	6	21	5	42	32	16	49	29	41	58	3	36	33
H280	12796	6915	6176	3429	4962	12052	6426	8866	5908	5688	9954	5065	5824	8164	4659	11176	6807	6940	12286	7792	3449	8534	
H281	11594	5704	4967	2286	3854	10841	5237	7944	4995	5886	9018	5349	4641	7113	3949	9976	5789	5785	11156	7579	2244	7542	
H282	12105	6176	5467	2942	4016	11303	5558	7869	4911	5197	8957	4640	5219	7183	3683	10495	5819	6021	11782	7034	2795	7541	
H283	11111	5185	4473	2027	3187	10317	4622	7277	4333	5692	8349	5212	4233	6439	3355	9500	5115	5140	10810	7155	1811	6869	
H284	11312	5378	4744	2804	2860	10425	4539	6568	3612	4753	7657	4327	4682	5923	2420	9727	4547	4895	11268	6111	2388	6253	
H285	10622	4728	4154	2744	2033	9695	3767	5759	2801	4932	6843	4612	4220	5069	1811	9058	3696	4067	10736	5856	2189	5414	
H286	9494	3559	2940	1846	1405	8621	2801	5716	2916	6154	6749	5853	2977	4695	2590	7908	3445	3298	9506	6829	1205	5205	
H287	8250	2802	2634	3605	726	7212	1385	3781	1611	6698	4749	6612	3225	2591	2580	6777	1468	1373	8868	6414	3014	3165	
H288	9619	4059	3737	3693	1068	8574	2728	4025	1092	5339	5100	5243	4147	3346	1227	8142	1959	2695	10173	5304	3049	3659	
H289	7712	3049	3196	4786	1969	6574	1634	2757	1807	7280	3623	7303	3950	1362	3280	6366	778	899	8729	6473	4223	2028	
H292	7169	4065	4488	6532	3787	5923	3020	1935	3173	8450	2300	8591	5317	656	4762	6102	2013	2163	8765	7044	5997	1129	
H293	8246	5415	5786	7575	4648	6975	4261	942	3518	8236	921	8487	6600	1459	5027	7316	2608	3393	10038	6398	6996	851	
H294	7924	6575	7095	9231	6417	6664	5697	2697	5422	10019	1776	10314	7934	3127	6939	7348	4446	4854	10156	7925	8688	2740	
H295	10073	8529	8962	10763	7791	8828	7462	3460	6409	10000	2414	10425	9787	4673	7709	9555	5725	6594	12363	7451	10170	3996	
H296	8857	7827	8340	10410	7535	7626	6921	3478	6384	10568	2397	10929	9178	4266	7829	8422	5510	6069	11228	8221	9851	3753	
H297	9777	6849	7134	8569	5556	8501	5573	1221	4039	7763	810	8132	7916	2817	5285	8894	3523	4727	11626	5485	7952	2007	
H299	9939	6523	6732	7960	4946	8673	5168	921	3339	7006	1315	7359	7482	2566	4515	8946	2978	4359	11618	4842	7332	1768	
H300	8749	4617	4771	6058	3051	7533	3213	1318	1742	6741	2357	6913	5507	1108	3266	7552	1010	2446	10075	5363	5445	951	
H301	10344	5769	5739	6298	3405	9141	4290	2153	1609	5228	3180	5475	6357	2735	2439	9096	2037	3702	11535	3750	5654	2385	
H302	10106	5972	6048	6922	3946	8872	4524	1416	2214	5931	2374	6227	6732	2436	3265	8952	2210	3819	11497	4117	6282	1874	
H303	9921	4501	4229	4220	1580	8840	3111	3713	770	5004	4804	4971	4674	3258	924	8479	1880	2943	10591	4784	3576	3452	
H305	11280	5468	4954	3663	2555	10297	4357	5589	2696	4025	6682	3746	5093	5169	1280	9746	3779	4501	11543	4985	3118	5379	
H307	12010	6228	5724	4338	3278	11007	5081	5872	3124	3268	6956	2975	5861	5648	1548	10487	4278	5165	12311	4485	3827	5765	
H308	12622	6699	6075	4008	4039	11712	5789	7244	4381	3764	8335	3231	6009	6852	2892	11045	5461	6060	12600	5671	3671	7062	
H309	12909	6972	6326	4109	4392	12021	6118	7666	4797	3907	8757	3326	6212	7259	3315	11322	5868	6422	12809	5978	3830	7479	
H310	13290	7352	6655	4134	5017	12467	6654	8544	5633	4629	9637	3990	6424	8041	4210	11683	6653	7050	12986	6885	4000	8312	
H311	13637	7697	7042	4726	5126	12755	6855	8284	5461	3786	9371	3137	6900	7947	3936	12047	6557	7153	13495	6155	4497	8136	
H312	14266	8323	7653	5234	5795	13400	7514	8929	6126	3953	10013	3265	7475	8618	4589	12670	7229	7825	14058	6525	5057	8798	
H313	13615	7688	7056	4862	5022	12707	6781	8015	5236	3411	9098	2773	6961	7742	3684	12036	6356	7034	13557	5763	4585	7899	
H314	13680	7809	7230	5301	4975	12717	6773	7540	4897	2603	8606	1999	7230	7425	3309	12129	6063	6923	13797	4940	4940	7502	
H315	13215	7367	6807	5013	4496	12239	6298	7044	4386	2650	8114	2137	6845	6913	2798	11672	5551	6428	13388	4708	4610	6995	
H316	14012	8146	7569	5629	5300	13043	7100	7756	5166	2412	8813	1768	7570	7693	3577	12463	6340	7236	14138	4905	5276	7746	
H317	13539	7805	7311	5789	4824	12506	6615	6737	4341	1763	7772	1388	7441	6834	2796	12035	5532	6622	13897	3799	5330	6802	
H318	12965	7317	6872	5618	4302	11907	6065	6002	3657	2046	7037	1898	7072	6128	2158	11486	4847	6010	13434	3405	5104	6076	
H319	12151	6772	6449	5788	3780	11036	5395	4701	2658	2833	5718	2967	6801	4981	1534	10740	3801	5172	12874	2793	5195	4840	
H320	11695	6192	5830	5093	3174	10610	4857	4722	2299	3230	5784	3223	6148	4765	912	10249	3486	4715	12310	3488	4500	4737	
H321	11967	6890	6671	6407	4032	10803	5443	3967	2538	3378	4926	3668	7124	4519	2015	10628	3525	5070	12906	2334	5785	4239	
H322	11192	6387	6267	6433	3745	10003	4910	2995	2023	4349	3962	4634	6811	3630	2189	9907	2788	4419	12282	2916	5792	3291	
H323	10466	5916	5888	6429	3547	9259	4438	2175	1749	5180	3179	5445	6504	2840	2517	9227	2180	3846	11673	3632	5784	2458	
H324	10790	6880	6972	7800	4848	9538	5442	1781	3085	5982	2397	6370	7658	3188	3931	9706	3131	4717	12304	3760	7157	2496	
H325	10526	6965	7128	8175	5181	9261	5572	1484	3480	6634	1843	7027	7853	3082	4482	9517	3311	4792	12173	4334	7539	2308	
H326	11391	7951	8106	9052	6085	10119	6552	2420	4337	6722	2485	7194	8822	4054	5154	10434	4277	5779	13116	4117	8411	3265	
H327	10673	7755	8010	9291	6278	9397	6444	2087	4647	7706	1696	8144	8776	3732	5718	9824	4302	5613	12564	5180	8662	2917	
H328	11175	8582	8866	10196	7182	9901	7303	2942	5550	8327	2341	8806	9643	4550	6587	10422	5196	6461	13193	5647	9568	3742	
H330	11153	9619	10027	11713	8714	9917	8507	4346	7227	10311	3382	10793	10845	5701	8416	10674	6656	7639	13483	7592	11107	4977	
H331	11341	9795	10198	11862	8858	10106	8674	4490	7355	10350	3542	10841	11014	5866	8524	10865	6804	7806	13673	7607	11253	5136	
H334	11715	9931	10300	11851	8837	10470	8759	4488	7274	10015	3617	10525	11106	5951	8372	11186	6801	7895	13994	7226	11233	5190	
H335	12141	9603	9870	11101	8098	10871	8305	3944	6412	8618	3373	9152	10638	5572	7321	11428	6154	7470	14207	5783	10467	4760	
H336	12446	9860	10114	11292	8296	11176	8548	4193	6590	8598	3659	9148	10875	5832	7449	11728	6375	7719	14505	5729	10655	5019	
H337	12815	10054	10277	11340	8364	11542	8712	4386	6626	8323	3949	8891	11022	6044	7394	12060	6494	7898	14825	5419	10700	5228	
H338	12878	9721	9883	10758	7824	11602	8329	4119	6051	7449	3902	8023	10598	5780	6691	12023	6053	7549	14750	4542	10115	4974	
H339	13130	9585	9679	10325	7464	11857	8151	4162	5668	6592	4178	7180	10354	5774	6126	12183	5839	7418	14860	3666	9681	4999	
H340	12948	9030	9061	9517	6729	11685	7569	3897	4934	5668	4165	6240	9697	5399	5247	11905	5256	6889	14517	2784	8875	4681	
H341	13225	9024	8992	9229	6551	11974	7547	4206	4783	4963	4624	5549	9585	5590	4882	12116	5264	6925	14670	2063	8592	4929	
H342	13147	8599	8493	8488	5950	11920	7120	4303	4249	4049	4922	4612	9030	5475	4101	11952	4917	6578					

DECIBEL - Main Result

Calculation: V117 Day v24

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Table with columns: WTG, NSA, 55, 44, 43, 35, 27, 50, 40, 20, 19, 6, 21, 5, 42, 32, 16, 49, 29, 41, 58, 3, 36, 33. Rows contain numerical data for various WTG types (H357 to H424).

To be continued on next page...

DECIBEL - Main Result

Calculation: V117 Day v24

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Table with columns: WTTG, NSA, 55, 44, 43, 35, 27, 50, 40, 20, 19, 6, 21, 5, 42, 32, 16, 49, 29, 41, 58, 3, 36, 33. Rows contain numerical data for various WTTG values from H425 to H492.

To be continued on next page...

DECIBEL - Main Result

Calculation: V117 Day v24

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Table with columns for WTG (55-33) and rows for NSA (H493-H202) containing numerical data values.

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## DECIBEL - Main Result

Calculation: V117 Day v24

...continued from previous page

NSA	WTG	59	37	46	10	51	17	8	52	38	18	4	60	15	53	54	45	26	30	9	57	12	31
H203	4413	5957	3507	10292	2841	8213	11699	1944	4543	7739	12584	4707	8308	3091	3033	4121	7112	5058	10909	3934	8845	5438	
H204	5824	4311	973	9431	5226	7580	11064	3660	3374	7362	11442	6310	8703	4746	4909	1626	6189	5407	10142	4357	8354	5889	
H206	7681	3252	1086	8654	7286	7117	10412	5676	3136	7137	10350	8213	9005	6710	6913	460	5601	5986	9414	5944	7957	6477	
H207	8866	2439	2196	7761	8309	6418	9555	6791	2899	6568	9303	9386	8677	7858	8038	1537	4891	5931	8533	7152	7269	6402	
H208	9553	3490	3134	8509	9331	7410	10326	7679	4222	7663	9761	10113	9897	8668	8901	2502	5910	7262	9285	7667	8258	7726	
H209	10945	4600	4714	9024	10894	8264	10830	9193	5622	8649	9888	11526	11039	10138	10396	4098	6845	8640	9787	8970	9087	9085	
H210	13155	5081	6630	8048	12796	7876	9755	11230	6508	8466	8337	13713	11039	12250	12465	5968	6715	9268	8753	11256	8605	9643	
H211	13059	5095	6554	8160	12730	7956	9875	11150	6504	8535	8476	13619	11102	12163	12383	5894	6776	9288	8869	11150	8691	9669	
H212	13014	5133	6257	8255	12709	8033	9973	11119	6529	8606	8582	13577	11169	12127	12350	5869	6842	9330	8966	11098	8772	9713	
H213	12944	5170	6479	8369	12667	8122	10092	11065	6549	8686	8716	13509	11243	12067	12294	5823	6917	9369	9083	11018	8866	9757	
H214	12792	5231	6375	8581	12571	8282	10314	10946	6573	8829	8968	13362	11373	11934	12170	5724	7049	9431	9300	10849	9037	9827	
H215	12639	5272	6266	8756	12466	8410	10499	10821	6580	8940	9184	13213	11471	11798	12040	5620	7152	9468	9481	10681	9174	9872	
H217	12404	4255	5825	7599	11970	7243	9354	10431	5659	7787	8134	12952	10334	11468	11671	5162	6009	8452	8331	10545	8003	8837	
H220	11219	3010	4571	7098	10657	6395	8905	9168	4335	6837	8047	11750	9307	10232	10415	3908	5030	7204	7862	9437	7204	7610	
H221	11309	3787	4781	7907	10962	7243	9708	9377	5015	7682	8746	11863	10139	10396	10612	4122	5874	7952	8666	9434	8051	8371	
H222	9473	1163	2888	6501	8529	5143	8287	7225	2006	5322	8138	9947	7521	8356	8472	2338	3618	4998	7270	7941	5995	5441	
H224	8801	1628	2215	7030	7917	5541	8793	6569	1894	5629	8755	9278	7680	7693	7818	1689	4015	4932	7791	7265	6388	5400	
H225	8045	2666	3194	6649	6336	4633	8148	5581	1099	4297	8904	8378	5618	6751	6714	3251	3436	2431	7299	7112	5345	2925	
H226	8342	1816	2614	6566	6954	4728	8199	5934	509	4583	8643	8737	6295	7107	7137	2480	3321	3325	7274	7151	5522	3807	
H227	7770	3302	3539	6937	5883	4853	8347	5297	1744	4411	9268	8063	5421	6451	6375	3696	3802	2113	7549	7003	5502	2596	
H228	5788	6604	5346	9810	3142	7663	10943	3656	5036	7000	12271	5850	6851	4494	4207	5843	6940	4041	10309	5981	8115	4247	
H230	6506	8565	7484	11072	3597	8963	11952	4973	7005	8196	13589	6356	7360	5423	5013	7990	8520	5313	11465	7316	9256	5335	
H233	6826	9706	8554	12056	4003	9971	12848	5649	8147	9181	14578	6574	8133	5897	5453	9080	9601	6357	12413	7918	10215	6336	
H248	9258	8996	9031	10045	6348	8126	10541	7539	7578	7274	12544	9124	5651	8126	7736	9400	8169	4945	10269	9903	8167	4709	
H249	8140	6691	6736	8497	5380	6418	9332	6025	5234	5623	11020	8161	4792	6863	6558	7069	6152	2864	8862	8324	6659	2788	
H250	7788	5440	5507	7805	5262	5668	8850	5477	3952	4950	10301	7909	4756	6460	6227	5805	5158	1995	8259	7650	6051	2133	
H251	8195	3368	4033	6563	6191	4451	7919	5726	1881	3958	8939	8465	4894	6866	6767	4153	3510	1591	7150	7494	5063	2078	
H252	8177	2720	3415	6511	6404	4474	7987	5708	1173	4113	8793	8498	5399	6874	6825	3468	3319	2213	7151	7285	5171	2706	
H253	9694	1747	4236	5032	7976	3111	6605	7235	1125	2964	7244	10037	4884	8408	8377	4043	1788	2464	5710	8669	3895	2853	
H254	9040	1064	2999	6035	7705	4330	7725	6652	600	4314	8013	9450	6282	7822	7865	2706	2845	3591	6766	7772	5158	4044	
H255	9326	705	3054	5997	8103	4428	7732	6974	1101	4506	7858	9756	6606	8136	8201	2660	2907	4043	6746	7969	5272	4483	
H257	11157	1152	4727	4740	9915	3741	6553	8815	2670	4165	6253	11594	6663	9976	10041	4214	2360	4925	5517	9742	4567	5260	
H258	11003	1692	4359	5832	10075	4964	7651	8776	3190	5384	7080	11486	7854	9903	10024	3752	3576	5872	6607	9409	5785	6253	
H259	11808	2155	5183	5281	10798	4695	7089	9553	3723	5230	6339	12282	7786	10690	10798	4583	3460	6143	6046	10237	5473	6480	
H260	12096	2460	5458	5282	11104	4822	7078	9851	4028	5392	6218	12574	7967	10984	11097	4850	3647	6409	6038	10508	5579	6738	
H261	11889	3438	5242	7012	11318	6515	8796	9838	4857	7027	7756	12420	9554	10904	11085	4580	5236	7635	7761	10097	7294	8020	
H262	13018	3876	6339	6290	12274	6175	8008	10889	5423	6808	6708	13532	9405	11985	12139	5687	5111	7913	6999	11285	6878	8245	
H278	13443	4066	6762	5940	12614	5992	7621	11277	5632	6671	6224	13947	9277	12386	12527	6117	5037	7977	6628	11743	6655	8283	
H279	13899	4101	7262	4911	12846	5217	6544	11640	5646	5964	5097	14374	8560	12779	12883	6648	4486	7633	5571	12308	5804	7885	
H280	13835	4014	7205	4817	12765	5105	6460	11569	5554	5851	5046	14307	8447	12711	12811	6596	4373	7524	5482	12255	5694	7774	
H281	12679	2802	6093	4627	11558	4405	6401	10388	4343	5058	5455	13140	7662	11535	11626	5507	3415	6427	5368	11150	5107	6710	
H282	13275	3292	6744	4058	12047	4133	5790	10950	4770	4863	4728	13721	7465	12107	12179	6175	3380	6562	4773	11796	4757	6798	
H283	12290	2297	5795	4257	11056	3809	6064	9957	3788	4426	5385	12732	7023	11116	11185	5246	2750	5760	5202	10837	4546	6038	
H284	12668	2680	6377	3224	11213	2875	5038	10273	3934	3574	4566	13074	6179	11445	11473	5887	2101	5343	3993	11347	3560	5550	
H285	12076	2281	5985	3165	10503	2258	4967	9651	3291	2851	4935	12459	5451	10826	10831	5558	1253	4487	3939	10853	3038	4693	
H286	10871	1081	4748	4323	9400	2961	6087	8462	2115	3267	6178	11267	5702	9636	9658	4341	1471	3963	5083	9614	3811	4280	
H287	9987	2494	4908	4710	8070	2645	6157	7514	1831	2325	7060	10289	4088	8674	8602	4770	1645	1850	5330	9108	3350	2170	
H288	11335	2749	5929	3353	9437	1381	4875	8864	2838	1427	5694	11647	3861	10028	9964	5675	505	2854	4000	10385	2190	2992	
H289	9662	3667	5417	5322	7472	3174	6515	7208	2636	2536	7795	9895	3390	8324	8188	5422	2683	614	5829	9046	3658	935	
H292	9387	5417	6467	6596	6841	4533	7455	7058	4182	3725	9120	9508	3158	8057	7827	6629	4415	1226	6962	9183	4758	954	
H293	10551	6457	7827	6547	7880	4696	7074	8294	5381	3835	9040	10623	2290	9239	8975	7963	5011	2342	6765	10480	4670	1881	
H294	10352	8115	8887	8406	7498	6604	8782	8347	6868	5743	10872	10309	3873	9118	8780	9140	6883	3914	8571	10670	6539	3546	
H295	12515	9649	10907	8708	9636	7299	8619	10554	8593	6481	10987	12445	4011	11302	10952	11099	7985	5553	8674	12881	6975	5095	
H296	11306	9290	10139	9099	8412	7457	9250	9416	8088	6604	11492	11215	4402	10116	9753	10393	7907	5095	9170	11762	7275	4693	
H297	12111	7474	9268	6338	9396	4871	6449	9876	6612	4059	8696	12163	1618	10806	10531								



DECIBEL - Main Result

Calculation: V117 Day v24

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Table with columns for NSA (59, 37, 46, 10, 51, 17, 8, 52, 38, 18, 4, 60, 15, 53, 54, 45, 26, 30, 9, 57, 12, 31) and rows for H314 through H385.

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## DECIBEL - Main Result

Calculation: V117 Day v24

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NSA	WTG	59	37	46	10	51	17	8	52	38	18	4	60	15	53	54	45	26	30	9	57	12	31
H386	16961	6981	10380	5084	15715	6501	6023	14644	8420	7361	3652	17413	9687	15801	15873	9782	6481	9765	5386	15435	6723	9893	
H387	15863	5865	9311	4328	14591	5520	5531	13533	7295	6372	3453	16309	8782	14693	14759	8725	5391	8680	4755	14367	5823	8825	
H388	15969	6111	9329	5329	14876	6353	6579	13704	7622	7190	4470	16443	9669	14846	14944	8711	6032	9306	7788	14370	6732	9493	
H389	15760	5854	9140	4980	14618	5996	6257	13475	7348	6834	4206	16226	9310	14623	14713	8530	5696	8975	5451	14189	6372	9155	
H390	15627	5708	9015	4841	14471	5835	6142	13337	7196	6672	4132	16091	9152	14486	14573	8409	5531	8810	5323	14067	6217	8990	
H391	15610	5693	8997	4850	14457	5836	6156	13321	7184	6672	4151	16074	9154	14470	14557	8390	5526	8804	5335	14048	6221	8985	
H392	15590	5677	8975	4863	14441	5839	6175	13302	7169	6674	4176	16055	9159	14451	14539	8368	5521	8798	5351	14026	6227	8981	
H393	15567	5657	8951	4870	14421	5836	6188	13280	7150	6670	4196	16032	9158	14428	14517	8343	5511	8787	5361	14002	6228	8971	
H394	15513	5609	8894	4885	14374	5828	6217	13229	7106	6660	4241	15979	9154	14376	14466	8286	5487	8761	5384	13945	6228	8947	
H395	15650	5726	9040	4823	14488	5829	6118	13357	7212	6667	4101	16112	9143	14507	14593	8434	5534	8815	5302	14092	6207	8993	
H396	15343	5373	8767	4388	14123	5359	5737	13029	6834	6197	3834	15796	8675	14184	14260	8174	5081	8366	4892	13823	5741	8537	
H397	15503	5601	8883	4894	14366	5831	6228	13219	7099	6662	4255	15969	9158	14366	14457	8274	5486	8758	5393	13933	6233	8946	
H398	15477	5580	8856	4908	14345	5833	6249	13195	7080	6663	4284	15944	9162	14342	14433	8246	5479	8750	5411	13905	6240	8939	
H399	15450	5565	8824	4963	14330	5868	6312	13173	7071	6695	4355	15919	9200	14318	14412	8212	5495	8763	5471	13872	6282	8956	
H400	15406	5513	8783	4905	14278	5804	6262	13125	7016	6631	4320	15873	9137	14272	14364	8173	5432	8701	5417	13832	6219	8893	
H401	15638	5969	8964	5934	14689	6738	7291	13430	7520	7546	5278	16132	10087	14554	14677	8327	6232	9450	6451	13967	7197	9677	
H402	14883	5076	8237	5112	13830	5780	6584	12629	6609	6578	4798	15360	9134	13767	13872	7618	5245	8468	5685	13277	6270	8691	
H403	14987	5470	8306	6114	14122	6676	7594	12812	7036	7448	5752	15490	10030	13925	14062	7661	6005	9145	6695	13282	7210	9404	
H404	15439	6160	8767	6953	14705	7541	8391	13327	7729	8309	6441	15960	10894	14420	14578	8111	6843	9947	7514	13668	8076	10219	
H405	15656	6597	9010	7588	15028	8151	9020	13598	8160	8910	7039	16190	11501	14671	14847	8348	7411	10472	8148	13835	8698	10757	
H406	14413	5209	7740	6643	13690	6955	8216	12302	6772	7677	6517	14933	10282	13393	13552	7084	6107	9109	7274	12649	7563	9406	
H407	14730	5819	8093	7406	14141	7728	8955	12687	7368	8444	7175	15266	11050	13754	13935	7430	6853	9803	8026	12903	8340	10114	
H408	15505	6734	8905	8112	14996	8564	9587	13508	8280	9299	7653	16052	11901	14559	14753	8241	7739	10716	8695	13638	9146	11023	
H409	15459	6799	8880	8305	14993	8721	9793	13485	8337	9447	7875	16010	12051	14528	14728	8216	7868	10814	8895	13576	9314	11128	
H410	15179	6557	8602	8212	14719	8565	9731	13207	8088	9279	7866	15731	11885	14249	14450	7938	7678	10593	8818	13297	9174	10913	
H411	13976	5174	7342	7253	13404	7372	8883	11938	6705	8045	7283	14513	10651	13003	13186	6679	6388	9232	7915	12152	8032	9562	
H412	14200	5877	7660	8198	13812	8292	9820	12264	7364	8949	8164	14757	11550	13290	13501	6998	7263	10009	8857	12300	8965	10359	
H413	14167	5844	7626	8179	13778	8267	9804	12230	7330	8922	8156	14724	11522	13256	13468	6964	7234	9977	8840	12268	8941	10327	
H414	14125	5799	7582	8153	13733	8231	9781	12186	7285	8885	8142	14681	11485	13213	13424	6919	7195	9934	8815	12227	8907	10284	
H415	14100	5772	7556	8136	13706	8210	9767	12160	7258	8862	8133	14656	11462	13187	13398	6893	7171	9908	8800	12203	8887	10258	
H416	14153	5871	7621	8241	13777	8319	9869	12223	7353	8971	8223	14711	11571	13247	13460	6959	7279	10011	8903	12249	8996	10363	
H417	14260	5997	7737	8330	13896	8428	9949	12338	7479	9084	8281	14820	11685	13359	13574	7075	7396	10135	8988	12351	9101	10486	
H418	14075	5746	7530	8121	13679	8189	9753	12133	7231	8840	8125	14631	11440	13161	13372	6867	7148	9882	8785	12179	8867	10233	
H419	14094	5805	7559	8196	13713	8263	9828	12161	7286	8913	8196	14652	11512	13186	13399	6896	7218	9945	8861	12193	8942	10298	
H420	14086	5804	7552	8204	13707	8267	9836	12154	7284	8916	8206	14644	11515	13179	13391	6889	7221	9945	8868	12184	8947	10298	
H421	14145	5874	7615	8253	13773	8328	9881	12217	7354	8979	8238	14704	11579	13240	13454	6953	7286	10014	8916	12240	9005	10367	
H422	14059	5760	7520	8160	13673	8221	9795	12124	7241	8870	8170	14616	11469	13149	13361	6858	7174	9900	8826	12160	8901	10252	
H423	14052	5763	7515	8174	13669	8231	9809	12118	7243	8879	8186	14609	11478	13143	13355	6853	7183	9904	8840	12152	8912	10258	
H424	13994	5692	7452	8122	13604	8168	9762	12055	7172	8814	8151	14550	11412	13082	13293	6789	7116	9834	8790	12097	8851	10187	
H425	13944	5635	7399	8084	13549	8121	9728	12003	7115	8765	8129	14500	11362	13031	13241	6736	7064	9778	8755	12050	8806	10132	
H426	13910	5498	7342	7898	13478	7942	9543	11947	6989	8589	7952	14462	11188	12983	13188	6678	6894	9630	8569	12030	8624	9980	
H427	13433	5061	6857	7728	12991	7654	9412	11462	6534	8274	7935	13983	10863	12501	12703	6193	6551	9215	8420	11563	8361	9574	
H428	13226	4982	6667	7828	12815	7690	9529	12171	6433	8292	8099	13778	10872	12303	12510	6004	6551	9155	8529	11346	8410	9522	
H429	13224	5032	6676	7907	12831	7763	9608	11279	6477	8362	8176	13778	10941	12307	12517	6013	6619	9210	8608	11338	8485	9579	
H430	13206	5032	6661	7925	12818	7774	9627	11264	6474	8372	8199	13761	10950	12291	12502	5999	6628	9211	8627	11318	8498	9582	
H431	13230	5080	6691	7972	12851	7825	9673	11293	6519	8422	8238	13786	11000	12318	12530	6029	6678	9259	8673	11338	8548	9631	
H432	13348	5148	6803	7954	12959	7840	9646	11407	6598	8447	8184	13903	11029	12433	12644	6141	6710	9321	8650	11458	8556	9688	
H433	13324	5160	6786	7997	12946	7874	9691	11388	6605	8477	8234	13880	11058	12413	12625	6124	6738	9336	8695	11431	8592	9705	
H434	13372	5175	6829	7972	12985	7863	9662	11432	6626	8471	8195	13927	11054	12458	12669	6166	6735	9348	8667	11481	8578	9715	
H435	13432	5140	6871	7854	13017	7770	9539	11476	6604	8386	8059	13985	10973	12509	12715	6208	6658	9302	8546	11551	8479	9665	
H436	13419	5142	6861	7871	13009	7783	9557	11466	6604	8397	8080	13972	10983	12497	12705	6198	6668	9307	8564	11537	8493	9670	
H437	13480	5156	6914	7828	13056	7759	9509	11519	6625	8379	8018	14031	10968	12554	12759	6251	6656	9314	8518	11601	8465	9675	
H438	13503	5182	6940	7842	13082	7779	9521	11545	6651	8400	8025	14056	10990	12578	12784	6276	6678	9339	8531	11624	8484	9699	
H439	13525	5204	6962	7854	13105	7795	9531	11567	6674	8418	8029	140											

**DECIBEL - Main Result**

**Calculation: V117 Day v24**

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WTG																						
NSA	59	37	46	10	51	17	8	52	38	18	4	60	15	53	54	45	26	30	9	57	12	31
H454	14062	6071	7598	8657	13781	8673	10299	12187	7517	9306	8677	14629	11899	13189	13416	6940	7590	10241	9327	12125	9366	10606
H455	14033	6004	7558	8582	13738	8597	10225	12150	7454	9231	8608	14599	11824	13155	13380	6900	7516	10173	9252	12101	9290	10536
H456	13947	5948	7476	8579	13657	8573	10230	12067	7391	9201	8632	14513	11792	13071	13297	6818	7481	10120	9254	12014	9271	10487
H457	13870	5894	7402	8572	13584	8548	10230	11991	7333	9170	8648	14436	11759	12995	13221	6744	7445	10071	9250	11937	9249	10439
H458	13809	5849	7342	8563	13525	8523	10225	11931	7284	9142	8656	14375	11729	12934	13161	6684	7414	10028	9243	11875	9227	10397
H459	13794	5848	7330	8576	13514	8532	10240	11919	7281	9149	8674	14361	11736	12921	13148	6673	7420	10028	9258	11860	9237	10399
H460	13763	5857	7308	8619	13495	8563	10286	11894	7284	9178	8727	14331	11762	12894	13122	6652	7444	10040	9302	11825	9271	10412
H461	13747	5861	7296	8642	13484	8580	10310	11881	7285	9192	8754	14315	11776	12879	13109	6640	7457	10046	9326	11807	9289	10419
H462	13730	5866	7284	8665	13473	8597	10334	11868	7287	9207	8783	14298	11790	12864	13095	6629	7471	10052	9350	11788	9307	10426
H463	13792	5933	7351	8707	13541	8651	10372	11934	7355	9264	8807	14362	11848	12929	13160	6696	7530	10118	9389	11848	9359	10491
H464	13692	5823	7243	8636	13431	8560	10308	11827	7243	9169	8764	14260	11751	12825	13055	6587	7431	10009	9322	11751	9272	10384
H465	13632	5759	7179	8596	13367	8509	10272	11764	7177	9115	8742	14199	11696	12763	12992	6523	7375	9946	9285	11694	9223	10321
H466	13594	5710	7137	8559	13324	8465	10237	11723	7129	9070	8715	14162	11650	12723	12952	6480	7328	9898	9248	11659	9180	10273
H467	13542	5645	7078	8512	13264	8408	10194	11666	7064	9010	8683	14108	11590	12667	12895	6421	7268	9833	9203	11609	9125	10209
H468	13491	5594	7025	8483	13210	8369	10169	11613	7011	8969	8669	14057	11546	12615	12842	6368	7224	9783	9177	11560	9088	10159
H469	13440	5533	6969	8441	13153	8316	10130	11558	6950	8914	8641	14006	11491	12562	12788	6312	7168	9722	9136	11512	9037	10099
H470	13404	5488	6929	8408	13112	8277	10099	11519	6904	8873	8619	13969	11449	12524	12749	6271	7126	9677	9104	11478	8999	10054
H471	13337	5391	6851	8329	13031	8186	10024	11443	6809	8780	8560	13900	11355	12452	12675	6192	7031	9580	9027	11417	8910	9957
H472	13219	5316	6738	8329	12920	8155	10033	11329	6723	8741	8595	13783	11311	12336	12560	6080	6986	9509	9032	11298	8885	9888
H473	13199	5265	6708	8274	12888	8099	9979	11302	6675	8685	8547	13761	11255	12311	12533	6050	6930	9457	8978	11282	8829	9836
H474	13172	5234	6680	8255	12859	8074	9961	11273	6645	8658	8535	13735	11228	12283	12505	6021	6903	9427	8959	11257	8805	9806
H475	13058	5173	6573	8272	12754	8061	9987	11164	6572	8636	8587	13621	11201	12172	12395	5914	6875	9369	8981	11141	8798	9752
H476	12985	5055	6484	8172	12662	7947	9891	11079	6456	8520	8509	13545	11083	12091	12312	5825	6757	9250	8883	11075	8686	9633
H477	13022	5053	6514	8135	12689	7922	9851	11110	6461	8499	8462	13582	11065	12125	12344	5854	6739	9247	8845	11115	8659	9627
H478	12979	5112	6493	8258	12676	8026	9978	11085	6505	8597	8596	13542	11158	12092	12316	5835	6831	9310	8970	11062	8767	9694
H479	12962	5118	6481	8281	12665	8044	10002	11072	6507	8612	8624	13526	11172	12078	12302	5824	6846	9316	8994	11044	8786	9702
H480	12949	5124	6472	8301	12657	8059	10023	11062	6510	8626	8647	13513	11185	12067	12292	5815	6858	9323	9014	11029	8802	9709
H481	12936	5130	6463	8321	12649	8074	10044	11051	6512	8639	8670	13500	11197	12055	12280	5806	6870	9328	9034	11013	8818	9715
H482	12917	5133	6448	8341	12636	8089	10066	11035	6512	8652	8696	13482	11208	12038	12265	5792	6882	9332	9056	10993	8834	9720
H483	12897	5152	6438	8386	12627	8125	10111	11022	6525	8686	8746	13463	11240	12022	12250	5782	6914	9352	9101	10970	8872	9742
H484	12795	5194	6367	8529	12562	8235	10262	10941	6542	8783	8917	13364	11329	11932	12166	5714	7004	9395	9248	10855	8988	9790
H485	12835	5219	6406	8529	12600	8245	10259	10981	6571	8796	8905	13404	11344	11973	12206	5753	7019	9420	9247	10896	8997	9814
H486	12928	5196	6473	8420	12664	8165	10144	11056	6568	8727	8770	13494	11282	12055	12284	5818	6955	9396	9134	10998	8911	9785
H487	12972	5195	6508	8380	12697	8139	10101	11094	6575	8705	8718	13537	11263	12095	12323	5852	6937	9394	9092	11045	8882	9781
H488	13018	5160	6537	8289	12720	8066	10007	11127	6553	8638	8615	13582	11201	12134	12358	5879	6874	9357	9000	11099	8806	9741
H489	13310	5552	6871	8587	13063	8419	10286	11452	6944	9003	8826	13879	11571	12446	12678	6217	7246	9748	9288	11370	9149	10131
H490	13352	5613	6921	8638	13114	8477	10335	11499	7005	9062	8865	13922	11632	12491	12724	6267	7306	9810	9337	11408	9206	10193
H491	13230	5489	6791	8567	12983	8380	10272	11371	6875	8959	8829	13799	11525	12366	12597	6137	7199	9686	9271	11290	9114	10071
H492	14362	6865	8058	9599	14258	9601	11234	12598	8261	10221	9569	14946	12807	13557	13809	7415	8490	11058	10266	12366	10302	11437
H493	12825	5421	6456	8811	12655	8507	10543	11011	6744	9050	9187	13400	11590	11987	12229	5809	7267	9620	9530	10864	9264	10020
H494	13782	6854	7640	10046	13822	9877	11732	12108	8158	10445	10190	14375	13000	13029	13301	7016	8674	11052	10741	11750	10614	11454
H495	12418	6261	6456	10154	12583	9680	11914	10823	7392	10153	10639	13018	12627	11707	11996	5865	8347	10385	10889	10365	10469	10817
H496	12497	6373	6558	10248	12678	9785	12006	10914	7506	10261	10715	13098	12737	11793	12084	5969	8456	10499	10982	10439	10573	10931
H497	11350	6209	5704	10622	11694	9905	12419	9879	7125	10287	11354	11959	12657	10707	11018	5174	8485	10162	11379	9265	10727	10619

WTG																					
NSA	47	56	13	2	11	48	1	7	14	22	23	24	25	28	34	39					
H048	7591	5208	16069	19111	16655	6063	17591	17770	15448	13255	13120	12924	13032	12650	13610	11595					
H049	7855	4634	16292	19474	16983	6340	17972	18286	15612	13880	13707	13322	13575	12975	13532	11925					
H050	7529	4231	15948	19153	16658	6024	17656	17999	15260	13624	13442	13013	13299	12652	13150	11604					
H051	7685	3692	15947	19268	16752	6247	17795	18264	15209	14024	13809	13203	13623	12776	12891	11744					
H052	8275	3826	16349	19752	17229	6910	18303	18869	15572	14740	14501	13769	14287	13293	13083	12282					
H053	9045	4163	16602	20137	17619	7867	18746	19504	15760	15638	15354	14374	15082	13812	12984	12854					
H080	7997	3112	15193	18772	16265	6991	17412	18265	14328	14583	14272	13148	13965	12542	11469	11623					
H081	8404	3502	15642	19219	16712	7366	17858	18702	14778	14996	14689	13584	14387	12982	11915	12058					
H082	6689	1981	14555	18006	15481	5452	16577	17232	13759	13257	12987	12108	12735	11591	11217	10601					
H083	8002	3446	16002	19428	16903	6672	17987	18587	15215	14507	14259	13476	14032	12985	12689	11981					
H084	7208	2962	15358	18727	16206	5826															

## DECIBEL - Main Result

Calculation: V117 Day v24

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NSA	WTG	47	56	13	2	11	48	1	7	14	22	23	24	25	28	34	39
H094	7221	6146	15559	18372	15986	5769	16839	16824	15029	12196	12116	12200	12095	12038	13567	10995	
H095	6299	6650	14292	16897	14583	5046	15364	15206	13847	10530	10490	10794	10520	10729	12754	9716	
H096	6445	6168	14645	17368	15012	5077	15834	15762	14154	11113	11047	11220	11046	11100	12872	10069	
H097	6817	7186	14718	17255	14969	5593	15723	15506	14295	10816	10797	11187	10849	11151	13271	10150	
H112	4584	5824	12550	15220	12876	3441	13686	13616	12095	8981	8904	9084	8895	8991	11033	7973	
H113	6143	6929	13963	16491	14206	4986	14959	14750	13549	10062	10038	10425	10087	10396	12585	9399	
H114	4151	4010	12588	15571	13125	2665	14049	14237	12009	9771	9613	9382	9505	9128	10453	8074	
H115	5492	4596	13917	16857	14427	4003	15331	15454	13346	10919	10789	10667	10713	10439	11774	9387	
H116	4040	3603	12511	15555	13092	2521	14039	14284	11906	9870	9694	9374	9565	9085	10251	8030	
H117	5381	3112	13836	16996	14508	3863	15494	15823	13175	11467	11276	10845	11126	10498	11235	9447	
H118	4885	1820	13170	16465	13951	3479	14990	15475	12452	11306	11069	10401	10862	9971	10290	8940	
H119	7328	2472	14515	18088	15579	6358	16725	17575	13654	13908	13593	12459	13283	11853	10822	10934	
H147	5366	1489	12225	15804	13299	4702	14451	15346	11364	11837	11497	10251	11157	9617	8571	8727	
H148	4617	1379	11607	15159	12647	3996	13789	14646	10765	11093	10757	9539	10421	8919	8073	8014	
H149	4056	915	11674	15136	12611	3161	13718	14436	10882	10645	10339	9306	10044	8753	8428	7787	
H150	3478	1495	11129	14571	12046	2668	13147	13851	10348	10061	9753	8721	9457	8174	7973	7203	
H151	3800	2974	12271	15406	12921	2275	13902	14239	11629	9921	9717	9252	9553	8910	9827	7858	
H152	3822	3825	12274	15283	12829	2326	13765	13983	11686	9550	9380	9097	9259	8827	10107	7772	
H153	3092	5585	10930	13650	11281	2270	12116	12130	10471	7561	7443	7489	7391	7375	9487	6352	
H154	4551	5877	12485	15143	12803	3431	13609	13532	12034	8894	8819	9011	8812	8924	10995	7908	
H155	4693	6769	12139	14612	12340	3861	13081	12873	11761	8192	8160	8568	8205	8573	11016	7597	
H156	4538	7023	11728	14139	11890	3873	12610	12369	11378	7682	7659	8131	7718	8167	10755	7211	
H157	5202	7114	12588	15002	12757	4344	13474	13213	12226	8520	8509	8996	8577	9025	11520	8061	
H161	8133	11791	12168	13361	11707	8192	11983	10983	12209	6761	7033	8639	7403	9118	12909	8568	
H163	5776	9530	10731	12496	10530	5849	11020	10388	10618	5765	5899	7070	6137	7397	10888	6684	
H165	4517	7487	11258	13559	11352	4092	12035	11731	10953	7035	7034	7624	7119	7716	10525	6798	
H166	5416	8579	11485	13525	11435	5138	12021	11537	11268	6854	6925	7811	7090	8014	11140	7177	
H167	2294	6013	9653	12354	9984	2195	10821	10864	9219	6344	6199	6193	6122	6091	8423	5078	
H168	2734	5164	10774	13584	11184	1811	12054	12144	10281	7633	7488	7402	7403	7238	9171	6200	
H169	2154	3748	10629	13715	11237	645	12208	12540	10021	8266	8045	7553	7866	7227	8447	6173	
H170	1612	3499	9266	12632	10109	1677	11188	11848	8536	8091	7770	6719	7460	6192	6506	5205	
H171	2611	2991	9588	13072	10550	2577	11671	12469	8792	8923	8578	7354	8234	6751	6417	5828	
H172	2799	2440	10150	13609	11085	2418	12194	12945	9365	9280	8951	7818	8629	7244	7012	6294	
H173	3423	1911	10675	14167	11645	2905	12766	13550	9869	9914	9584	8428	9259	7839	7390	6903	
H174	5327	2163	11725	15338	12849	4874	14016	14988	10844	11648	11290	9932	10924	9263	7959	8420	
H175	4709	2672	10783	14401	11916	4504	13086	14087	9899	10852	10481	9057	10099	8371	7026	7554	
H198	4350	3435	9880	13511	11037	4452	12214	13264	8989	10188	9800	8282	9396	7571	6098	6800	
H199	3348	4533	8272	11876	9388	4003	10558	11589	7406	8600	8199	6619	7777	5898	4730	5151	
H200	2408	4630	7956	11473	8957	3259	10096	10992	7149	7763	7378	5930	6981	5264	4843	4422	
H201	1368	3964	8782	12148	9624	1881	10705	11382	8056	7685	7353	6252	7030	5713	6086	4734	
H202	1497	5090	7607	10982	8458	2731	9549	10281	6887	6789	6425	5159	6060	4579	5077	3634	
H203	1241	3775	9128	12444	9925	1429	10986	11596	8424	7768	7456	6472	7159	5975	6532	4970	
H204	1530	5713	9060	11896	9480	1828	10369	10542	8579	6160	5962	5707	5821	5524	7653	4485	
H206	3419	7714	8972	11287	9056	3843	9759	9554	8699	4898	4837	5327	4871	5450	8561	4576	
H207	4302	8841	8426	10441	8331	4956	8929	8555	8276	3858	3869	4752	3995	5045	8606	4339	
H208	5451	9697	9517	11217	9269	5858	9743	9120	9448	4487	4624	5879	4874	6266	9946	5636	
H209	7054	11183	10464	11713	10010	7392	10314	9393	10517	5068	5331	6953	5699	7459	11339	6965	
H210	8781	13265	10119	10596	9335	9396	9359	8055	10394	4618	5027	7058	5523	7748	11903	7574	
H211	8724	13182	10200	10718	9433	9317	9472	8185	10463	4688	5090	7106	5581	7787	11932	7592	
H212	8712	13149	10278	10817	9521	9288	9567	8288	10534	4760	5159	7164	5647	7840	11979	7632	
H213	8681	13091	10368	10939	9624	9236	9681	8415	10613	4843	5236	7228	5720	7895	12024	7669	
H214	8608	12965	10529	11164	9813	9121	9893	8653	10754	4995	5377	7338	5851	7989	12098	7729	
H215	8524	12833	10656	11353	9967	9001	10069	8855	10863	5119	5490	7421	5955	8056	12144	7765	
H217	7940	12473	9490	10215	8795	8595	8912	7751	9713	3955	4335	6308	4811	6972	11103	6753	
H220	6608	11218	8620	9789	8102	7333	8388	7503	8738	3155	3446	5225	3852	5822	9882	5500	
H221	6976	11411	9467	10588	8941	7545	9204	8252	9578	3996	4293	6053	4698	6627	10642	6251	
H222	4450	9271	7181	9171	7053	5438	7656	7349	7077	2687	2636	3519	2724	3892	7697	3322	
H224	3839	8619	7483	9670	7473	4772	8144	7941	7296	3322	3227	3808	3247	4054	7614	3330	
H225	2702	7450	5943	8940	6462	4194	7439	7922	5457	4275	3904	2818	3542	2454	5001	1399	
H226	3000	7909	6364	9035	6647	4327	7506	7714	6018	3607	3308	2857	3061	2799	5979	1866	

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## DECIBEL - Main Result

Calculation: V117 Day v24

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NSA	WTG															
	47	56	13	2	11	48	1	7	14	22	23	24	25	28	34	39
H227	2552	7082	5931	9107	6597	4081	7634	8264	5352	4849	4458	3135	4061	2617	4521	1616
H228	2999	4679	8006	11584	9084	3771	10245	11235	7159	8186	7788	6236	7371	5528	4621	4757
H230	5114	5167	8803	12483	10087	5652	11290	12542	7863	10018	9593	7819	9134	7035	4719	6459
H233	6168	5441	9654	13336	10995	6564	12202	13533	8696	11143	10714	8903	10249	8108	5429	7573
H248	6884	7932	7302	10915	8759	7831	9952	11519	6332	10048	9589	7536	9074	6714	2994	6546
H249	4728	6970	6186	9864	7469	5884	8672	9974	5254	7877	7427	5474	6930	4657	2300	4306
H250	3670	6763	5877	9470	6984	4986	8159	9257	5033	6730	6291	4457	5814	3673	2822	3143
H251	3050	7453	5430	8663	6145	4579	7206	7923	4832	4765	4349	2818	3913	2214	4071	1302
H252	2857	7552	5740	8772	6285	4362	7276	7802	5243	4266	3881	2683	3497	2275	4797	1222
H253	4329	9113	4773	7430	5021	5780	5906	6269	4510	2836	2410	1239	1971	1258	5125	786
H254	3729	8642	6150	8582	6270	5002	7047	7112	5916	2870	2593	2507	2396	2665	6289	1943
H255	4079	8986	6361	8602	6364	5272	7070	6992	6194	2564	2351	2685	2252	2971	6742	2364
H257	5916	10826	5951	7444	5523	7102	5963	5485	6072	800	843	2624	1180	3317	7497	3292
H258	5998	10824	7176	8542	6720	6981	7092	6415	7282	1810	2031	3778	2405	4403	8519	4178
H259	6734	11595	6940	7974	6322	7773	6573	5731	7156	1404	1778	3810	2265	4530	8715	4497
H260	7039	11894	7068	7958	6389	8066	6584	5652	7320	1544	1956	4034	2464	4772	8962	4776
H261	7261	11889	8758	9670	8128	8003	8318	7287	8947	3224	3580	5510	4039	6163	10287	5936
H262	8194	12943	8407	8856	7581	9065	7601	6351	8731	2988	3428	5532	3948	6278	10470	6268
H278	8536	13330	8200	8455	7297	9463	7245	5911	8579	2933	3390	5514	3918	6289	10477	6369
H279	8801	13679	7360	7365	6346	9865	6202	4796	7826	2547	2996	5058	3504	5870	9997	6133
H280	8724	13606	7250	7284	6244	9798	6111	4725	7714	2441	2889	4946	3395	5760	9884	6028
H281	7525	12418	6635	7272	5836	8631	5938	4911	6974	1332	1793	3912	2320	4703	8878	4876
H282	8056	12965	6309	6648	5380	9220	5370	4221	6739	1544	1964	3968	2446	4786	8892	5110
H283	7061	11971	6052	6948	5342	8234	5552	4731	6349	659	1120	3238	1646	4029	8204	4228
H284	7339	12241	5093	5926	4309	8627	4512	3814	5467	890	1036	2726	1351	3550	7607	3998
H285	6714	11586	4505	5856	3938	8064	4363	4062	4774	1035	761	1869	686	2693	6765	3183
H286	5526	10424	5097	6967	4845	6843	5445	5300	5141	1215	816	1633	559	2320	6505	2387
H287	4686	9307	4065	6945	4471	6189	5447	6047	3738	3257	2801	943	2294	497	4421	615
H288	6002	10673	3283	5697	3309	7482	4174	4679	3281	2619	2179	494	1671	1100	5012	1975
H289	4609	8835	3877	7214	4690	6137	5807	6755	3275	4494	4034	2006	3518	1187	3206	1208
H292	5004	8358	4366	8018	5587	6428	6786	8075	3478	6308	5847	3778	5327	2958	1588	2918
H293	6372	9447	3842	7508	5265	7773	6465	8017	2872	7066	6607	4483	6079	3725	529	4001
H294	7040	9107	5552	9123	7039	8246	8217	9863	4590	8896	8435	6318	7907	5527	1387	5616
H295	9187	11242	5628	8747	7134	10437	8186	10060	4812	10098	9649	7550	9127	6852	2889	7213
H296	8262	10014	6099	9482	7619	9427	8746	10517	5186	9968	9509	7385	8981	6621	2432	6798
H297	7934	10978	3300	6716	4821	9353	5941	7732	2418	7746	7306	5247	6792	4620	1719	5165
H299	7777	11138	2530	6034	4049	9242	5187	6950	1627	7041	6609	4592	6102	4025	2050	4680
H300	6053	9919	2677	6297	3858	7564	5059	6412	1870	5351	4897	2788	4372	2111	2297	2699
H301	7422	11504	1079	4672	2277	8950	3484	5015	670	5115	4712	2915	4240	2639	3527	3597
H302	7471	11287	1503	5179	2951	8985	4139	5788	539	5864	5445	3519	4954	3082	2824	3912
H303	6410	10999	2737	5233	2799	7908	3725	4416	2786	3019	2603	1001	2123	1332	4806	2338
H305	7461	12282	3903	4932	3126	8857	3451	3186	4331	1845	1675	2192	1575	2959	6731	3683
H307	8220	13024	3824	4289	2781	9624	2868	2415	4408	2451	2369	2865	2334	3579	7099	4382
H308	8667	13564	5274	5218	4155	9961	3991	2788	5852	2169	2369	3786	2640	4589	8412	5191
H309	8926	13833	5681	5455	4529	10189	4295	2933	6271	2356	2618	4166	2942	4976	8831	5543
H310	9250	14162	6633	6285	5483	10425	5203	3680	7204	2681	3052	4874	3477	5696	9668	6149
H311	9643	14554	6152	5484	4894	10888	4485	2851	6807	3054	3341	4888	3677	5692	9482	6277
H312	10255	15168	6722	5745	5407	11473	4886	3089	7411	3656	3970	5563	4329	6368	10141	6945
H313	9652	14553	5814	5093	4528	10930	4095	2467	6493	3105	3345	4745	3634	5535	9238	6174
H314	9796	14661	5168	4256	3807	11136	3283	1643	5912	3433	3575	4614	3755	5356	8817	6109
H315	9358	14207	4730	4147	3421	10718	3027	1675	5445	3111	3203	4120	3336	4853	8313	5622
H316	10134	14996	5309	4141	3903	11477	3279	1489	6086	3769	3915	4928	4095	5660	9051	6429
H317	9795	14572	4178	3187	2741	11208	2138	837	4993	3872	3880	4366	3907	5007	8071	5891
H318	9297	14019	3468	3041	2079	10739	1725	1339	4265	3724	3646	3805	3577	4392	7339	5321
H319	8694	13249	2143	2984	931	10188	1455	2478	2928	4053	3825	3214	3573	3597	6062	4622
H320	8140	12772	2497	3633	1575	9618	2099	2681	3122	3373	3133	2626	2878	3107	6024	4092
H321	8729	13099	1205	2951	436	10249	1635	3250	2084	4796	4509	3452	4176	3620	5364	4675
H322	8133	12342	515	3774	1378	9662	2583	4201	1137	5024	4671	3192	4257	3139	4393	4170
H323	7564	11628	951	4577	2214	9092	3420	4994	553	5223	4825	3052	4358	2787	3564	3745
H324	8329	11982	1557	4953	3066	9832	4159	5991	878	6650	6248	4399	5774	4001	3094	4838

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## DECIBEL - Main Result

Calculation: V117 Day v24

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	WTG															
NSA	47	56	13	2	11	48	1	7	14	22	23	24	25	28	34	39
H325	8290	11724	2212	5559	3723	9769	4811	6648	1444	7131	6715	4777	6224	4289	2631	5032
H326	9266	12592	2598	5411	3987	10738	4932	6877	2127	7903	7504	5649	7032	5216	3374	5998
H327	8877	11875	3394	6465	4873	10298	5896	7794	2683	8332	7907	5916	7407	5358	2617	5991
H328	9618	12371	4164	6955	5593	11007	6544	8490	3535	9229	8807	6822	8309	6260	3217	6873
H330	10318	12312	6116	8903	7569	11572	8530	10473	5409	10934	10495	8429	9980	7774	3970	8213
H331	10504	12499	6192	8918	7633	11761	8578	10530	5505	11063	10625	8566	10112	7919	4147	8372
H334	10728	12882	5954	8536	7359	12019	8262	10233	5326	10974	10544	8516	10038	7902	4306	8414
H335	10652	13333	4754	7090	6071	12038	6899	8889	4276	10042	9634	7707	9149	7189	4241	7850
H336	10933	13639	4845	7028	6119	12325	6904	8902	4420	10195	9793	7893	9314	7395	4534	8079
H337	11192	14010	4743	6706	5942	12604	6666	8668	4408	10176	9784	7937	9317	7481	4845	8210
H338	10985	14079	4005	5830	5125	12437	5807	7810	3793	9506	9130	7365	8680	6974	4823	7774
H339	10977	14332	3430	4947	4393	12461	4989	6988	3415	8968	8613	6970	8188	6665	5087	7541
H340	10535	14145	2577	4088	3436	12043	4033	6034	2748	8093	7754	6209	7347	5982	5024	6914
H341	10621	14414	2330	3366	2900	12142	3372	5366	2754	7713	7400	6006	7024	5873	5437	6854
H342	10300	14322	1823	2584	1991	11829	2411	4409	2544	6893	6607	5384	6263	5364	5644	6390
H343	9650	14090	2052	1976	593	11161	622	2488	3008	5142	4931	4245	4687	4528	6340	5576
H345	10422	15076	3673	1952	2152	11885	1135	873	4599	4932	4868	4905	4797	5410	7874	6392
H346	10754	15401	3874	1756	2363	12218	1247	917	4816	5240	5186	5237	5124	5734	8117	6721
H347	10316	15004	3811	2234	2293	11768	1368	645	4717	4709	4663	4807	4616	5347	7958	6310
H348	10941	15804	5816	4104	4344	12280	3531	1541	6648	4542	4708	5719	4900	6438	9712	7227
H349	12042	16909	6657	4379	5146	13372	4175	2221	7536	5599	5789	6820	5998	7529	10687	8330
H350	12290	17109	6288	3652	4767	13666	3687	1926	7209	6014	6146	6924	6288	7577	10453	8449
H351	11924	16606	5003	2015	3526	13373	2337	1449	5963	6149	6159	6415	6162	6943	9292	7915
H352	12329	16945	5014	1622	3617	13798	2412	2069	5985	6738	6719	6811	6686	7281	9335	8283
H353	12213	16780	4705	1212	3357	13694	2172	2207	5676	6791	6743	6702	6677	7133	9025	8150
H354	11410	15945	3862	757	2499	12901	1318	1918	4834	6201	6111	5914	6000	6312	8184	7339
H355	4260	8097	4484	7998	5491	5748	6651	7717	3725	5446	4991	3016	4485	2203	2606	1940
H356	6472	8018	6559	10194	8003	7532	9200	10745	5588	9291	8832	6767	8314	5947	2239	5817
H357	6229	6219	8797	12472	10175	6844	11382	12784	7832	10659	10218	8317	9734	7505	4521	7072
H358	4632	3356	10162	13801	11332	4666	12512	13576	9265	10509	10122	8601	9718	7887	6331	7120
H359	4206	8310	9500	11616	9475	4486	10101	9738	9290	5040	5053	5827	5169	6037	9320	5228
H360	2489	2672	10811	14068	11557	1220	12590	13085	10124	9004	8742	8001	8508	7571	8194	6538
H361	3424	2001	11708	14992	12478	2086	13517	14020	11002	9914	9661	8934	9434	8498	8947	7468
H362	3822	3882	12267	15268	12816	2332	13748	13959	11683	9519	9351	9081	9232	8815	10120	7761
H363	6185	1935	14283	17663	15141	4850	16210	16776	13522	12685	12435	11673	12209	11199	11139	10186
H364	12783	17310	5080	1414	3821	14272	2678	2830	6043	7424	7373	7282	7300	7684	9379	8712
H365	12667	17149	4827	1143	3630	14165	2535	2957	5783	7459	7385	7187	7286	7554	9106	8591
H366	12263	16621	4131	735	3134	13778	2244	3312	5057	7471	7339	6867	7172	7142	8332	8194
H367	11946	16084	3512	1650	3006	13474	2606	4234	4324	7826	7621	6774	7368	6896	7429	7946
H368	11501	15647	3071	1595	2586	13029	2291	4042	3897	7448	7231	6340	6965	6453	7040	7503
H369	11544	15610	3072	1993	2785	13073	2625	4424	3833	7700	7466	6477	7180	6541	6881	7583
H370	11498	15232	3203	3480	3598	13016	3847	5779	3634	8497	8201	6872	7843	6756	6159	7740
H371	11352	15023	3156	3744	3685	12867	4023	5980	3507	8538	8230	6832	7857	6679	5910	7646
H372	13906	18512	6411	2761	5102	15374	3920	3520	7378	8219	8231	8388	8226	8853	10720	9858
H373	14024	18534	6202	2526	5021	15514	3907	3937	7150	8604	8573	8525	8519	8922	10455	9952
H374	13948	18627	6762	3212	5375	15394	4170	3400	7734	8048	8100	8441	8141	8961	11084	9939
H375	15969	20867	10443	7394	8927	17237	7802	6094	11376	9402	9662	10861	9937	11580	14628	12363
H376	15688	20600	10707	7902	9186	16901	8122	6280	11610	9089	9390	10762	9711	11515	14787	12233
H377	14233	19117	8680	5819	7160	15532	6066	4293	9601	7709	7942	9061	8189	9771	12830	10569
H378	13395	18252	7597	4771	6077	14733	4978	3232	8521	6962	7152	8122	7355	8806	11765	9641
H379	15362	20275	10807	8208	9295	16533	8286	6369	11683	8771	9098	10591	9452	11365	14790	12031
H380	15050	19963	10476	7909	8965	16229	7963	6040	11350	8455	8779	10258	9128	11032	14454	11701
H381	14582	19495	9820	7239	8307	15792	7296	5382	10700	7984	8288	9698	8617	10461	13824	11157
H382	13640	18533	8349	5702	6830	14925	5786	3919	9249	7094	7339	8527	7602	9254	12431	10025
H383	13779	18687	8878	6368	7365	15021	6365	4440	9756	7191	7472	8806	7777	9560	12883	10280
H384	13895	18809	9371	6995	7871	15094	6914	4952	10228	7297	7610	9072	7951	9845	13297	10516
H385	12628	17520	7527	5189	6019	13917	5049	3095	8400	6091	6329	7527	6589	8262	11526	9020
H386	11747	16658	8138	6595	6738	12909	6032	4061	8887	5170	5519	7173	5907	7979	11715	8545
H387	10630	15543	7298	6211	5973	11809	5418	3566	7988	4046	4393	6076	4783	6888	10702	7428
H388	10849	15738	8238	7260	6959	11933	6452	4616	8884	4404	4810	6687	5263	7510	11463	7939

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## DECIBEL - Main Result

Calculation: V117 Day v24

...continued from previous page

NSA	47	56	13	2	11	48	1	7	14	22	23	24	25	28	34	39
H389	10606	15504	7880	6953	6606	11716	6115	4301	8525	4115	4510	6356	4952	7177	11113	7627
H390	10462	15364	7727	6849	6462	11582	5987	4194	8368	3959	4352	6192	4791	7013	10949	7465
H391	10447	15348	7732	6864	6470	11565	5999	4209	8371	3948	4341	6185	4782	7007	10947	7456
H392	10430	15330	7740	6884	6481	11545	6015	4229	8376	3935	4330	6179	4772	7001	10946	7447
H393	10409	15308	7743	6899	6487	11522	6025	4244	8376	3917	4313	6168	4757	6990	10939	7433
H394	10360	15258	7746	6933	6498	11469	6047	4276	8373	3877	4276	6142	4723	6964	10922	7399
H395	10482	15384	7715	6822	6446	11603	5966	4168	8359	3973	4363	6196	4801	7018	10948	7474
H396	10137	15046	7254	6466	6000	11291	5555	3809	7891	3585	3959	5749	4380	6568	10481	7048
H397	10351	15249	7752	6945	6505	11459	6057	4288	8378	3870	4270	6139	4719	6962	10923	7395
H398	10328	15225	7760	6968	6518	11434	6075	4311	8383	3854	4255	6131	4706	6954	10920	7382
H399	10309	15204	7804	7034	6569	11409	6134	4377	8422	3850	4255	6144	4710	6967	10944	7386
H400	10260	15156	7742	6987	6509	11363	6080	4330	8359	3792	4197	6082	4650	6905	10880	7326
H401	10627	15477	8733	8006	7528	11632	7114	5350	9318	4405	4844	6847	5336	7668	11728	7991
H402	9788	14667	7816	7347	6664	10852	6342	4701	8372	3445	3876	5862	4360	6683	10743	7024
H403	10048	14864	8763	8353	7650	11002	7351	5703	9281	4047	4502	6578	5016	7389	11517	7620
H404	10625	15382	9628	9128	8503	11502	8174	6472	10147	4844	5304	7400	5825	8205	12352	8391
H405	10952	15651	10252	9752	9137	11765	8808	7095	10759	5378	5839	7950	6364	8748	12911	8890
H406	9610	14356	9119	9008	8107	10476	7918	6381	9561	4034	4495	6617	5023	7403	11583	7512
H407	10069	14739	9896	9734	8881	10853	8673	7095	10333	4761	5220	7344	5748	8120	12308	8182
H408	10933	15556	10702	10333	9633	11672	9351	7678	11173	5661	6121	8244	6649	9026	13210	9099
H409	10937	15530	10870	10544	9817	11649	9550	7890	11328	5778	6236	8360	6765	9136	13324	9185
H410	10665	15252	10730	10495	9703	11371	9469	7845	11169	5578	6035	8158	6562	8928	13118	8956
H411	9337	13990	9579	9695	8653	10104	8546	7094	9957	4270	4719	6835	5244	7590	11782	7584
H412	9780	14302	10508	10626	9597	10429	9490	8014	10867	5140	5580	7678	6099	8412	12598	8338
H413	9745	14268	10483	10611	9576	10395	9472	8000	10840	5111	5551	7647	6069	8381	12567	8305
H414	9700	14225	10449	10590	9546	10351	9447	7981	10804	5072	5511	7607	6029	8339	12525	8261
H415	9673	14199	10428	10576	9527	10325	9431	7969	10781	5048	5487	7582	6005	8314	12499	8235
H416	9749	14261	10537	10676	9635	10389	9535	8067	10890	5157	5595	7689	6112	8420	12604	8336
H417	9870	14374	10644	10753	9732	10504	9621	8138	11002	5273	5713	7809	6231	8541	12727	8461
H418	9646	14172	10408	10563	9509	10298	9416	7958	10760	5025	5463	7558	5981	8289	12474	8209
H419	9683	14199	10483	10638	9585	10326	9491	8032	10833	5096	5533	7626	6051	8356	12540	8270
H420	9678	14192	10487	10646	9591	10320	9499	8040	10836	5099	5536	7628	6053	8357	12541	8270
H421	9745	14254	10547	10689	9645	10383	9547	8080	10899	5164	5601	7695	6119	8425	12609	8339
H422	9642	14162	10441	10606	9546	10288	9456	8001	10790	5052	5489	7581	6006	8311	12495	8225
H423	9639	14156	10452	10620	9559	10283	9470	8016	10799	5060	5497	7588	6014	8317	12501	8229
H424	9572	14094	10391	10575	9502	10220	9419	7974	10735	4994	5430	7520	5946	8248	12431	8158
H425	9517	14042	10344	10543	9460	10168	9382	7945	10686	4942	5378	7466	5893	8193	12376	8102
H426	9437	13990	10163	10358	9275	10111	9196	7762	10510	4772	5209	7303	5727	8035	12220	7958
H427	8951	13505	9888	10244	9055	9626	9035	7681	10200	4435	4861	6932	5370	7648	11824	7534
H428	8784	13312	9930	10367	9128	9436	9138	7821	10219	4445	4861	6911	5364	7613	11778	7467
H429	8805	13318	10003	10446	9205	9444	9216	7900	10290	4515	4929	6975	5430	7674	11837	7520
H430	8793	13303	10015	10466	9220	9429	9234	7921	10300	4524	4938	6981	5438	7678	11840	7521
H431	8828	13331	10066	10511	9269	9458	9281	7964	10350	4575	4988	7031	5489	7728	11889	7569
H432	8933	13445	10079	10480	9265	9571	9262	7924	10374	4602	5020	7074	5524	7777	11944	7633
H433	8923	13426	10113	10526	9305	9554	9305	7972	10405	4631	5048	7097	5550	7798	11962	7647
H434	8960	13470	10101	10496	9286	9597	9280	7938	10398	4626	5045	7100	5549	7804	11971	7661
H435	8983	13517	10006	10370	9177	9640	9161	7808	10312	4544	4968	7033	5475	7744	11917	7619
H436	8976	13506	10019	10389	9193	9630	9178	7828	10324	4555	4978	7041	5485	7751	11923	7622
H437	9020	13561	9993	10339	9158	9684	9134	7773	10305	4540	4966	7035	5475	7750	11925	7632
H438	9046	13586	10013	10351	9174	9709	9148	7783	10326	4562	4988	7059	5497	7774	11949	7657
H439	9070	13609	10029	10360	9188	9731	9159	7790	10343	4580	5007	7079	5517	7794	11970	7679
H440	9167	13703	10093	10394	9242	9826	9202	7817	10414	4654	5083	7159	5595	7878	12056	7769
H441	9235	13770	10136	10415	9278	9893	9230	7834	10461	4705	5135	7215	5648	7935	12114	7830
H442	9335	13867	10207	10457	9340	9991	9281	7870	10539	4787	5219	7302	5733	8025	12206	7926
H443	9410	13939	10262	10490	9387	10064	9320	7898	10597	4849	5282	7368	5797	8093	12274	7997
H444	9483	14010	10316	10523	9434	10135	9360	7927	10656	4911	5346	7433	5861	8160	12342	8068
H445	9885	14336	10890	11051	10000	10475	9908	8441	11231	5483	5916	7998	6429	8718	12896	8605
H446	9878	14333	10867	11027	9976	10472	9883	8417	11209	5462	5896	7979	6410	8700	12878	8588
H447	9835	14302	10790	10949	9898	10439	9805	8340	11133	5388	5822	7906	6336	8629	12809	8522
H448	9843	14315	10776	10929	9881	10450	9786	8319	11121	5378	5813	7899	6328	8623	12803	8519

To be continued on next page...

## DECIBEL - Main Result

Calculation: V117 Day v24

...continued from previous page

NSA	47	56	13	2	11	48	1	7	14	22	23	24	25	28	34	39
H449	9845	14319	10765	10915	9870	10454	9773	8305	11112	5369	5804	7891	6320	8616	12797	8514
H450	9868	14353	10732	10863	9829	10486	9727	8251	11083	5346	5783	7874	6300	8602	12785	8509
H451	9861	14300	10925	11106	10043	10442	9958	8499	11261	5508	5939	8017	6451	8734	12909	8611
H452	10505	14890	11546	11598	10626	11047	10494	8969	11903	6167	6603	8690	7119	9413	13592	9299
H453	9820	14251	10936	11137	10061	10395	9983	8533	11266	5509	5938	8012	6449	8726	12899	8596
H454	9781	14214	10901	11112	10029	10357	9955	8510	11230	5472	5901	7973	6411	8686	12859	8555
H455	9734	14178	10825	11039	9953	10319	9880	8437	11154	5397	5826	7900	6337	8615	12789	8487
H456	9656	14094	10804	11046	9942	10236	9879	8450	11126	5364	5791	7859	6300	8570	12741	8433
H457	9584	14019	10780	11049	9927	10161	9874	8457	11096	5331	5755	7819	6263	8526	12694	8382
H458	9527	13958	10757	11046	9911	10101	9865	8458	11068	5301	5723	7783	6230	8488	12654	8338
H459	9517	13945	10766	11061	9923	10089	9879	8474	11076	5307	5729	7787	6235	8491	12656	8338
H460	9502	13919	10799	11108	9961	10065	9923	8523	11104	5334	5754	7808	6258	8508	12671	8349
H461	9493	13906	10816	11133	9981	10052	9946	8549	11119	5348	5767	7818	6270	8517	12678	8354
H462	9485	13891	10833	11158	10002	10040	9969	8576	11134	5362	5780	7829	6283	8526	12686	8359
H463	9553	13957	10886	11194	10049	10106	10010	8607	11191	5420	5839	7891	6343	8590	12751	8426
H464	9442	13851	10797	11133	9969	9999	9940	8552	11096	5324	5741	7788	6243	8485	12643	8316
H465	9376	13789	10747	11099	9925	9935	9902	8523	11042	5269	5685	7729	6186	8424	12582	8253
H466	9332	13749	10703	11065	9884	9894	9865	8491	10997	5223	5639	7682	6140	8376	12533	8204
H467	9270	13692	10647	11023	9832	9836	9818	8453	10938	5164	5578	7619	6078	8313	12469	8139
H468	9216	13639	10608	11000	9799	9783	9790	8433	10896	5121	5535	7573	6034	8265	12420	8089
H469	9157	13586	10557	10962	9752	9728	9749	8399	10842	5067	5479	7515	5977	8206	12360	8028
H470	9115	13547	10518	10933	9716	9689	9716	8372	10801	5025	5437	7472	5935	8162	12316	7983
H471	9030	13473	10427	10860	9631	9612	9637	8304	10708	4932	5342	7376	5840	8065	12218	7886
H472	8922	13358	10398	10871	9617	9498	9639	8325	10669	4893	5299	7321	5793	8004	12152	7812
H473	8887	13332	10342	10818	9561	9470	9584	8274	10613	4837	5243	7266	5737	7950	12099	7761
H474	8857	13304	10317	10802	9539	9442	9565	8259	10586	4811	5216	7238	5709	7921	12069	7731
H475	8757	13194	10305	10830	9543	9333	9584	8297	10564	4790	5190	7199	5679	7876	12017	7671
H476	8659	13110	10192	10736	9435	9247	9483	8210	10448	4674	5073	7080	5562	7757	11898	7553
H477	8683	13143	10167	10696	9404	9278	9446	8166	10427	4652	5054	7067	5544	7747	11892	7550
H478	8680	13114	10272	10823	9519	9254	9570	8297	10524	4751	5148	7150	5635	7823	11960	7611
H479	8672	13100	10289	10848	9540	9241	9593	8323	10540	4768	5163	7162	5649	7833	11968	7617
H480	8666	13090	10305	10869	9558	9231	9613	8345	10553	4782	5177	7173	5662	7843	11976	7623
H481	8659	13078	10320	10890	9575	9221	9633	8367	10566	4796	5189	7183	5674	7851	11983	7629
H482	8648	13062	10335	10913	9594	9206	9654	8392	10579	4809	5202	7192	5685	7858	11988	7632
H483	8643	13047	10372	10959	9635	9193	9698	8439	10613	4845	5235	7220	5717	7884	12010	7652
H484	8594	12962	10481	11112	9763	9116	9842	8601	10708	4948	5331	7296	5806	7948	12060	7692
H485	8631	13002	10491	11109	9768	9155	9842	8594	10722	4960	5344	7314	5821	7969	12083	7717
H486	8682	13081	10411	10990	9672	9228	9732	8468	10654	4885	5276	7263	5758	7927	12053	7695
H487	8710	13120	10385	10946	9638	9265	9692	8420	10632	4862	5256	7249	5740	7918	12049	7694
H488	8726	13156	10311	10851	9555	9297	9601	8321	10566	4793	5191	7195	5678	7869	12007	7658
H489	9083	13474	10662	11123	9880	9624	9896	8569	10931	5155	5559	7576	6052	8255	12397	8050
H490	9136	13520	10720	11170	9934	9672	9947	8614	10990	5215	5619	7637	6112	8316	12458	8112
H491	9004	13393	10625	11111	9852	9544	9878	8564	10887	5112	5514	7524	6004	8199	12337	7987
H492	10321	14599	11833	12043	10972	10784	10896	9431	12147	6379	6799	8849	7303	9544	13699	9362
H493	8712	13022	10754	11393	10043	9191	10123	8878	10974	5219	5598	7549	6069	8193	12292	7917
H494	9961	14082	12122	12561	11348	10316	11354	9985	12372	6602	6995	8973	7477	9624	13725	9348
H495	8825	12768	11917	12775	11309	9059	11465	10298	12058	6398	6732	8541	7162	9110	13082	8693
H496	8928	12855	12023	12865	11409	9153	11560	10383	12167	6502	6838	8652	7270	9223	13196	8807
H497	8097	11774	12105	13297	11643	8166	11920	10921	12148	6698	6969	8578	7340	9059	12854	8512



## DECIBEL - Detailed results

**Calculation:** V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

### Assumptions

Calculated L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet  
 (when calculated with ground attenuation, then Dc = Domega)

LWA,ref:	Sound pressure level at WTG
K:	Pure tone
Dc:	Directivity correction
Adiv:	the attenuation due to geometrical divergence
Aatm:	the attenuation due to atmospheric absorption
Agr:	the attenuation due to ground effect
Abar:	the attenuation due to a barrier
Amisc:	the attenuation due to miscellaneous other effects
Cmet:	Meteorological correction

### Calculation Results

#### Noise sensitive area: H048 H048

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,591	17,591	<b>-2.23</b>	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
2	19,111	19,111	<b>-3.30</b>	108.5	0.00	96.63	-	-	0.00	0.00	-	0.00
3	18,581	18,581	<b>-2.94</b>	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
4	18,645	18,645	<b>-2.98</b>	108.5	0.00	96.41	-	-	0.00	0.00	-	0.00
5	18,326	18,326	<b>-2.76</b>	108.5	0.00	96.26	-	-	0.00	0.00	-	0.00
6	18,595	18,595	<b>-2.95</b>	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
7	17,770	17,770	<b>-2.36</b>	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
8	18,292	18,292	<b>-2.74</b>	108.5	0.00	96.25	-	-	0.00	0.00	-	0.00
9	17,383	17,383	<b>-2.07</b>	108.5	0.00	95.80	-	-	0.00	0.00	-	0.00
10	16,675	16,675	<b>-1.53</b>	108.5	0.00	95.44	-	-	0.00	0.00	-	0.00
11	16,655	16,655	<b>-1.52</b>	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
12	15,533	15,533	<b>-0.61</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
13	16,069	16,069	<b>-1.05</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
14	15,448	15,448	<b>-0.54</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
15	15,396	15,396	<b>-0.50</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
16	14,622	14,622	<b>0.17</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
17	14,789	14,789	<b>0.02</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
18	14,492	14,493	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
19	13,746	13,746	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
20	14,296	14,296	<b>0.46</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
21	14,510	14,510	<b>0.27</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
22	13,255	13,255	<b>1.45</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
23	13,120	13,120	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
24	12,924	12,924	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
25	13,032	13,032	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
26	13,431	13,431	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
27	12,360	12,360	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
28	12,650	12,650	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
29	12,976	12,976	<b>1.73</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
30	12,090	12,090	<b>2.65</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
31	12,505	12,505	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
32	12,694	12,694	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
33	13,457	13,457	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
34	13,610	13,610	<b>1.11</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
35	11,473	11,473	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
36	11,751	11,751	<b>3.02</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
37	11,463	11,463	<b>3.35</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
38	10,613	10,613	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
39	11,595	11,595	<b>3.20</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
40	10,829	10,829	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
41	11,312	11,312	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
42	9,496	9,497	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
43	9,702	9,702	<b>5.54</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
44	9,384	9,384	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
45	8,253	8,253	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
46	7,747	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
47	7,591	7,591	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
48	6,063	6,063	<b>11.74</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
49	6,428	6,429	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
50	7,261	7,261	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
51	6,622	6,622	<b>10.58</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
52	5,429	5,429	<b>13.20</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
53	4,762	4,762	<b>14.92</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
54	5,178	5,179	<b>13.82</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
55	6,150	6,150	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
56	5,208	5,208	<b>13.75</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
57	3,186	3,187	<b>20.05</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
58	3,631	3,632	<b>18.41</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
59	3,825	3,826	<b>17.75</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
60	4,232	4,232	<b>16.45</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00

Sum 27.16

- Data undefined due to calculation with octave data

### Noise sensitive area: H049 H049

WTG		95% rated power										
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
1	17,972	17,972	<b>-2.51</b>	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
2	19,474	19,474	<b>-3.55</b>	108.5	0.00	96.79	-	-	0.00	0.00	-	0.00
3	18,867	18,867	<b>-3.14</b>	108.5	0.00	96.51	-	-	0.00	0.00	-	0.00
4	19,195	19,195	<b>-3.36</b>	108.5	0.00	96.66	-	-	0.00	0.00	-	0.00
5	18,847	18,847	<b>-3.12</b>	108.5	0.00	96.51	-	-	0.00	0.00	-	0.00
6	19,075	19,075	<b>-3.28</b>	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
7	18,286	18,286	<b>-2.73</b>	108.5	0.00	96.24	-	-	0.00	0.00	-	0.00
8	18,680	18,680	<b>-3.01</b>	108.5	0.00	96.43	-	-	0.00	0.00	-	0.00
9	17,808	17,808	<b>-2.39</b>	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
10	17,125	17,125	<b>-1.88</b>	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
11	16,983	16,983	<b>-1.77</b>	108.5	0.00	95.60	-	-	0.00	0.00	-	0.00
12	15,873	15,873	<b>-0.89</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
13	16,292	16,292	<b>-1.23</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
14	15,612	15,612	<b>-0.68</b>	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
15	15,494	15,494	<b>-0.58</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
16	15,034	15,034	<b>-0.19</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
17	15,165	15,165	<b>-0.30</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
18	14,801	14,802	<b>0.01</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
19	14,046	14,046	<b>0.69</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
20	14,330	14,330	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
21	14,447	14,447	<b>0.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
22	13,880	13,880	<b>0.85</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
23	13,707	13,707	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
24	13,322	13,322	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
25	13,575	13,575	<b>1.14</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
26	13,872	13,872	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
27	12,774	12,774	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
28	12,975	12,975	<b>1.73</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
29	13,194	13,194	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
30	12,244	12,244	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

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		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	31	12,629	12,629	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	32	12,778	12,778	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	33	13,509	13,509	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	34	13,532	13,532	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	35	12,167	12,167	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	36	12,390	12,390	<b>2.33</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	37	12,050	12,051	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	38	11,067	11,067	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	39	11,925	11,925	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	40	11,151	11,151	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	41	11,550	11,550	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	42	10,054	10,054	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	43	10,160	10,160	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	44	9,755	9,755	<b>5.46</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	45	8,934	8,934	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	46	8,375	8,375	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	47	7,855	7,855	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	48	6,340	6,341	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	49	6,316	6,316	<b>11.20</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	50	6,926	6,926	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	51	6,177	6,178	<b>11.50</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	52	5,340	5,340	<b>13.42</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
	53	4,449	4,449	<b>15.81</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	54	4,798	4,799	<b>14.82</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	55	5,716	5,717	<b>12.52</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	56	4,634	4,634	<b>15.28</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	57	3,430	3,430	<b>19.13</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
	58	3,687	3,688	<b>18.22</b>	108.5	0.00	82.34	-	-	0.00	0.00	-	0.00
	59	3,268	3,269	<b>19.73</b>	108.5	0.00	81.29	-	-	0.00	0.00	-	0.00
	60	3,510	3,511	<b>18.84</b>	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00

Sum 27.68

- Data undefined due to calculation with octave data

## Noise sensitive area: H050 H050

		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	17,656	17,656	<b>-2.28</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	2	19,153	19,153	<b>-3.33</b>	108.5	0.00	96.64	-	-	0.00	0.00	-	0.00
	3	18,532	18,532	<b>-2.90</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
	4	18,916	18,916	<b>-3.17</b>	108.5	0.00	96.54	-	-	0.00	0.00	-	0.00
	5	18,562	18,562	<b>-2.92</b>	108.5	0.00	96.37	-	-	0.00	0.00	-	0.00
	6	18,780	18,780	<b>-3.08</b>	108.5	0.00	96.47	-	-	0.00	0.00	-	0.00
	7	17,999	17,999	<b>-2.53</b>	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
	8	18,365	18,365	<b>-2.79</b>	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
	9	17,501	17,501	<b>-2.16</b>	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
	10	16,823	16,824	<b>-1.65</b>	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
	11	16,658	16,658	<b>-1.52</b>	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
	12	15,551	15,551	<b>-0.63</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
	13	15,948	15,948	<b>-0.96</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
	14	15,260	15,260	<b>-0.38</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	15	15,132	15,132	<b>-0.27</b>	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
	16	14,726	14,726	<b>0.08</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	17	14,850	14,850	<b>-0.03</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
	18	14,474	14,474	<b>0.30</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	19	13,718	13,718	<b>1.00</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	20	13,960	13,960	<b>0.77</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	21	14,066	14,066	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
22	13,624	13,625	<b>1.09</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
23	13,442	13,443	<b>1.27</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
24	13,013	13,014	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
25	13,299	13,299	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
26	13,572	13,572	<b>1.14</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
27	12,469	12,469	<b>2.25</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
28	12,652	12,652	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
29	12,852	12,852	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
30	11,893	11,893	<b>2.87</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
31	12,273	12,273	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
32	12,416	12,416	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
33	13,141	13,141	<b>1.56</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
34	13,150	13,150	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
35	11,933	11,933	<b>2.82</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
36	12,140	12,140	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
37	11,788	11,788	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
38	10,773	10,773	<b>4.16</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
39	11,604	11,604	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
40	10,830	10,830	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
41	11,213	11,213	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
42	9,787	9,788	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
43	9,869	9,869	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
44	9,446	9,447	<b>5.89</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
45	8,704	8,704	<b>6.96</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
46	8,132	8,132	<b>7.86</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
47	7,529	7,530	<b>8.88</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
48	6,024	6,024	<b>11.83</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
49	5,938	5,939	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
50	6,529	6,529	<b>10.76</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
51	5,776	5,777	<b>12.38</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
52	4,968	4,969	<b>14.36</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
53	4,057	4,058	<b>17.00</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
54	4,401	4,402	<b>15.94</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
55	5,316	5,316	<b>13.48</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
56	4,231	4,232	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
57	3,134	3,135	<b>20.25</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
58	3,350	3,351	<b>19.43</b>	108.5	0.00	81.50	-	-	0.00	0.00	-	0.00
59	2,867	2,868	<b>21.34</b>	108.5	0.00	80.15	-	-	0.00	0.00	-	0.00
60	3,111	3,112	<b>20.34</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00

Sum 28.82

- Data undefined due to calculation with octave data

### Noise sensitive area: H051 H051

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,795	17,795	<b>-2.38</b>	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
2	19,268	19,268	<b>-3.41</b>	108.5	0.00	96.70	-	-	0.00	0.00	-	0.00
3	18,575	18,575	<b>-2.93</b>	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
4	19,211	19,211	<b>-3.37</b>	108.5	0.00	96.67	-	-	0.00	0.00	-	0.00
5	18,831	18,831	<b>-3.11</b>	108.5	0.00	96.50	-	-	0.00	0.00	-	0.00
6	19,007	19,007	<b>-3.23</b>	108.5	0.00	96.58	-	-	0.00	0.00	-	0.00
7	18,264	18,265	<b>-2.72</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
8	18,507	18,507	<b>-2.89</b>	108.5	0.00	96.35	-	-	0.00	0.00	-	0.00
9	17,683	17,683	<b>-2.30</b>	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
10	17,032	17,032	<b>-1.81</b>	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
11	16,752	16,752	<b>-1.59</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
12	15,663	15,663	<b>-0.72</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
13	15,947	15,947	<b>-0.95</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
14	15,209	15,209	<b>-0.34</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
15	15,020	15,020	<b>-0.18</b>	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
16	14,913	14,913	<b>-0.08</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
17	15,002	15,002	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
18	14,565	14,565	<b>0.22</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
19	13,807	13,807	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
20	13,797	13,797	<b>0.93</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
21	13,811	13,811	<b>0.91</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
22	14,024	14,025	<b>0.71</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
23	13,809	13,809	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
24	13,203	13,203	<b>1.50</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
25	13,623	13,623	<b>1.09</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
26	13,796	13,796	<b>0.93</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
27	12,679	12,679	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
28	12,776	12,776	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
29	12,872	12,872	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
30	11,863	11,863	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
31	12,211	12,211	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
32	12,315	12,315	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
33	13,003	13,003	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
34	12,891	12,891	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
35	12,416	12,416	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
36	12,567	12,568	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
37	12,169	12,170	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
38	11,041	11,042	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
39	11,744	11,744	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
40	10,972	10,973	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
41	11,270	11,270	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
42	10,168	10,169	<b>4.92</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
43	10,155	10,155	<b>4.94</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
44	9,659	9,659	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
45	9,220	9,220	<b>6.21</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
46	8,611	8,611	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
47	7,685	7,685	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
48	6,247	6,247	<b>11.35</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
49	5,789	5,790	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
50	6,136	6,136	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
51	5,299	5,299	<b>13.52</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
52	4,895	4,896	<b>14.56</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
53	3,821	3,822	<b>17.77</b>	108.5	0.00	82.64	-	-	0.00	0.00	-	0.00
54	4,065	4,066	<b>16.97</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
55	4,869	4,870	<b>14.63</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
56	3,692	3,693	<b>18.20</b>	108.5	0.00	82.35	-	-	0.00	0.00	-	0.00
57	3,562	3,563	<b>18.66</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
58	3,574	3,575	<b>18.61</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
59	2,490	2,491	<b>23.01</b>	108.5	0.00	78.93	-	-	0.00	0.00	-	0.00
60	2,492	2,493	<b>23.00</b>	108.5	0.00	78.93	-	-	0.00	0.00	-	0.00

Sum 29.65

- Data undefined due to calculation with octave data

### Noise sensitive area: H052 H052

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,303	18,303	<b>-2.74</b>	108.5	0.00	96.25	-	-	0.00	0.00	-	0.00
2	19,752	19,752	<b>-3.73</b>	108.5	0.00	96.91	-	-	0.00	0.00	-	0.00
3	19,004	19,004	<b>-3.23</b>	108.5	0.00	96.58	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
4	19,836	19,836	<b>-3.79</b>	108.5	0.00	96.95	-	-	0.00	0.00	-	0.00
5	19,437	19,437	<b>-3.52</b>	108.5	0.00	96.77	-	-	0.00	0.00	-	0.00
6	19,581	19,581	<b>-3.62</b>	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00
7	18,869	18,870	<b>-3.14</b>	108.5	0.00	96.52	-	-	0.00	0.00	-	0.00
8	19,015	19,015	<b>-3.24</b>	108.5	0.00	96.58	-	-	0.00	0.00	-	0.00
9	18,225	18,225	<b>-2.69</b>	108.5	0.00	96.21	-	-	0.00	0.00	-	0.00
10	17,598	17,598	<b>-2.23</b>	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
11	17,229	17,229	<b>-1.96</b>	108.5	0.00	95.73	-	-	0.00	0.00	-	0.00
12	16,159	16,159	<b>-1.13</b>	108.5	0.00	95.17	-	-	0.00	0.00	-	0.00
13	16,349	16,349	<b>-1.28</b>	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
14	15,572	15,572	<b>-0.65</b>	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
15	15,332	15,332	<b>-0.44</b>	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
16	15,469	15,470	<b>-0.56</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
17	15,531	15,531	<b>-0.61</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
18	15,048	15,048	<b>-0.20</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
19	14,293	14,293	<b>0.47</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
20	14,071	14,071	<b>0.67</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
21	14,003	14,003	<b>0.73</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
22	14,740	14,740	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
23	14,501	14,501	<b>0.28</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
24	13,769	13,769	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
25	14,287	14,287	<b>0.47</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
26	14,386	14,386	<b>0.38</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
27	13,263	13,263	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
28	13,293	13,294	<b>1.41</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
29	13,307	13,307	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
30	12,265	12,265	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
31	12,582	12,582	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
32	12,652	12,652	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
33	13,303	13,303	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
34	13,083	13,083	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
35	13,192	13,193	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
36	13,307	13,307	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
37	12,880	12,881	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
38	11,679	11,679	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
39	12,282	12,282	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
40	11,517	11,518	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
41	11,747	11,747	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
42	10,891	10,891	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
43	10,812	10,812	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
44	10,267	10,267	<b>4.79</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
45	10,036	10,036	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
46	9,408	9,408	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
47	8,275	8,275	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
48	6,910	6,910	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
49	6,183	6,184	<b>11.48</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
50	6,300	6,300	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
51	5,408	5,408	<b>13.25</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
52	5,382	5,382	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
53	4,230	4,231	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
54	4,372	4,372	<b>16.03</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
55	5,026	5,027	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
56	3,826	3,826	<b>17.75</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
57	4,423	4,423	<b>15.88</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
58	4,324	4,325	<b>16.17</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
59	2,910	2,911	<b>21.16</b>	108.5	0.00	80.28	-	-	0.00	0.00	-	0.00
60	2,670	2,671	<b>22.19</b>	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00

Sum 28.40

- Data undefined due to calculation with octave data

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H053 H053

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,746	18,746	-3.05	108.5	0.00	96.46	-	-	0.00	0.00	-	0.00
2	20,137	20,137	-3.98	108.5	0.00	97.08	-	-	0.00	0.00	-	0.00
3	19,286	19,286	-3.42	108.5	0.00	96.70	-	-	0.00	0.00	-	0.00
4	20,504	20,504	-4.22	108.5	0.00	97.24	-	-	0.00	0.00	-	0.00
5	20,070	20,070	-3.94	108.5	0.00	97.05	-	-	0.00	0.00	-	0.00
6	20,148	20,148	-3.99	108.5	0.00	97.08	-	-	0.00	0.00	-	0.00
7	19,504	19,504	-3.57	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00
8	19,454	19,454	-3.53	108.5	0.00	96.78	-	-	0.00	0.00	-	0.00
9	18,737	18,737	-3.05	108.5	0.00	96.45	-	-	0.00	0.00	-	0.00
10	18,161	18,161	-2.64	108.5	0.00	96.18	-	-	0.00	0.00	-	0.00
11	17,619	17,619	-2.25	108.5	0.00	95.92	-	-	0.00	0.00	-	0.00
12	16,596	16,596	-1.47	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
13	16,602	16,602	-1.48	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
14	15,760	15,760	-0.80	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
15	15,424	15,424	-0.52	108.5	0.00	94.76	-	-	0.00	0.00	-	0.00
16	16,035	16,035	-1.03	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
17	16,042	16,042	-1.03	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
18	15,475	15,475	-0.56	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
19	14,733	14,733	0.07	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
20	14,108	14,108	0.64	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
21	13,887	13,887	0.84	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
22	15,638	15,638	-0.70	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
23	15,354	15,354	-0.46	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
24	14,374	14,375	0.39	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
25	15,082	15,083	-0.23	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
26	15,031	15,031	-0.19	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
27	13,912	13,912	0.82	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
28	13,812	13,812	0.91	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
29	13,664	13,664	1.05	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
30	12,575	12,575	2.14	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
31	12,830	12,830	1.87	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
32	12,833	12,833	1.87	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
33	13,402	13,402	1.31	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
34	12,984	12,984	1.72	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
35	14,237	14,237	0.52	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
36	14,272	14,272	0.49	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
37	13,790	13,791	0.93	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
38	12,459	12,459	2.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
39	12,854	12,854	1.85	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
40	12,118	12,119	2.62	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
41	12,211	12,211	2.52	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
42	11,854	11,854	2.91	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
43	11,645	11,646	3.14	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
44	11,016	11,017	3.87	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
45	11,204	11,205	3.64	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
46	10,551	10,551	4.43	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
47	9,045	9,046	6.46	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
48	7,867	7,867	8.30	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
49	6,700	6,700	10.42	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
50	6,396	6,396	11.04	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
51	5,481	5,482	13.07	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
52	6,119	6,120	11.62	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
53	4,959	4,959	14.39	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
54	4,912	4,913	14.51	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
55	5,229	5,230	13.69	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
56	4,163	4,163	16.67	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
57	5,854	5,854	12.21	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
58	5,583	5,583	12.83	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
59	3,880	3,881	17.57	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
60	3,361	3,362	19.38	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00

Sum 26.30

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H080 H080

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,412	17,412	-2.10	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
2	18,772	18,772	-3.07	108.5	0.00	96.47	-	-	0.00	0.00	-	0.00
3	17,879	17,879	-2.44	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
4	19,280	19,280	-3.42	108.5	0.00	96.70	-	-	0.00	0.00	-	0.00
5	18,827	18,827	-3.11	108.5	0.00	96.50	-	-	0.00	0.00	-	0.00
6	18,870	18,870	-3.14	108.5	0.00	96.52	-	-	0.00	0.00	-	0.00
7	18,265	18,265	-2.72	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
8	18,115	18,115	-2.61	108.5	0.00	96.16	-	-	0.00	0.00	-	0.00
9	17,437	17,437	-2.11	108.5	0.00	95.83	-	-	0.00	0.00	-	0.00
10	16,890	16,890	-1.70	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
11	16,265	16,265	-1.21	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
12	15,269	15,269	-0.39	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
13	15,193	15,193	-0.33	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
14	14,328	14,328	0.44	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
15	13,959	13,959	0.78	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
16	14,776	14,776	0.04	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
17	14,753	14,754	0.06	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
18	14,148	14,148	0.60	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
19	13,417	13,417	1.29	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
20	12,630	12,630	2.08	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
21	12,364	12,364	2.36	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
22	14,583	14,584	0.21	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
23	14,272	14,272	0.49	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
24	13,148	13,149	1.55	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
25	13,965	13,965	0.77	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
26	13,823	13,823	0.90	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
27	12,715	12,715	1.99	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
28	12,542	12,542	2.17	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
29	12,316	12,316	2.41	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
30	11,213	11,213	3.63	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
31	11,439	11,439	3.37	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
32	11,415	11,415	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
33	11,949	11,949	2.80	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
34	11,469	11,470	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
35	13,302	13,302	1.40	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
36	13,277	13,277	1.43	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
37	12,761	12,762	1.94	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
38	11,357	11,357	3.47	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
39	11,623	11,623	3.17	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
40	10,911	10,911	3.99	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
41	10,928	10,928	3.97	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
42	10,887	10,887	4.02	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
43	10,590	10,590	4.38	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
44	9,915	9,915	5.25	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
45	10,412	10,412	4.61	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
46	9,749	9,749	5.47	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
47	7,997	7,998	8.08	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
48	6,991	6,991	9.86	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
49	5,566	5,566	12.87	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
50	5,039	5,039	14.18	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
51	4,152	4,153	16.70	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
52	5,165	5,166	13.85	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
53	4,093	4,094	16.88	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
54	3,914	3,915	17.46	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
55	3,987	3,988	17.22	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
56	3,112	3,112	20.34	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
57	5,510	5,511	13.00	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
58	5,094	5,095	14.04	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
59	3,365	3,366	19.37	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
60	2,740	2,741	21.88	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00

Sum 28.77



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H081 H081

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	17,858	17,858	-2.42	108.5	0.00	96.04	-	-	0.00	0.00	-	0.00
	2	19,219	19,220	-3.38	108.5	0.00	96.67	-	-	0.00	0.00	-	0.00
	3	18,328	18,328	-2.76	108.5	0.00	96.26	-	-	0.00	0.00	-	0.00
	4	19,716	19,716	-3.71	108.5	0.00	96.90	-	-	0.00	0.00	-	0.00
	5	19,265	19,265	-3.41	108.5	0.00	96.70	-	-	0.00	0.00	-	0.00
	6	19,311	19,311	-3.44	108.5	0.00	96.72	-	-	0.00	0.00	-	0.00
	7	18,702	18,702	-3.02	108.5	0.00	96.44	-	-	0.00	0.00	-	0.00
	8	18,561	18,561	-2.92	108.5	0.00	96.37	-	-	0.00	0.00	-	0.00
	9	17,880	17,880	-2.44	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
	10	17,330	17,330	-2.03	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
	11	16,712	16,712	-1.56	108.5	0.00	95.46	-	-	0.00	0.00	-	0.00
	12	15,714	15,714	-0.76	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
	13	15,642	15,642	-0.70	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
	14	14,778	14,778	0.03	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
	15	14,408	14,408	0.36	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	16	15,215	15,215	-0.34	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	17	15,195	15,195	-0.33	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	18	14,592	14,593	0.20	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	19	13,861	13,861	0.87	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	20	13,079	13,079	1.62	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	21	12,809	12,809	1.90	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	22	14,996	14,997	-0.16	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	23	14,689	14,689	0.11	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
	24	13,584	13,584	1.13	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	25	14,387	14,387	0.38	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
	26	14,256	14,256	0.50	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	27	13,147	13,147	1.56	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	28	12,982	12,982	1.72	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	29	12,762	12,763	1.94	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	30	11,660	11,660	3.12	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	31	11,887	11,887	2.87	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	32	11,864	11,864	2.90	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	33	12,398	12,398	2.32	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	34	11,915	11,915	2.84	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	35	13,695	13,695	1.02	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	36	13,680	13,681	1.04	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	37	13,170	13,170	1.53	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	38	11,775	11,775	2.99	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	39	12,058	12,058	2.68	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	40	11,343	11,344	3.48	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	41	11,368	11,368	3.45	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	42	11,284	11,284	3.55	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	43	11,001	11,001	3.88	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	44	10,332	10,333	4.71	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	45	10,777	10,777	4.15	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	46	10,114	10,115	4.99	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	47	8,404	8,405	7.43	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	48	7,366	7,366	9.17	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	49	5,982	5,983	11.92	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	50	5,483	5,483	13.07	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	51	4,593	4,594	15.39	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
	52	5,549	5,549	12.91	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
	53	4,453	4,453	15.79	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	54	4,300	4,301	16.25	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	55	4,416	4,416	15.90	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
	56	3,502	3,503	18.87	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
	57	5,761	5,761	12.42	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	58	5,376	5,377	13.33	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	59	3,634	3,635	18.40	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	60	3,024	3,025	20.69	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00

Sum 27.69

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H082 H082

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,577	16,577	-1.46	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
2	18,006	18,006	-2.53	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
3	17,222	17,222	-1.95	108.5	0.00	95.72	-	-	0.00	0.00	-	0.00
4	18,218	18,218	-2.68	108.5	0.00	96.21	-	-	0.00	0.00	-	0.00
5	17,799	17,800	-2.38	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
6	17,911	17,911	-2.46	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
7	17,232	17,232	-1.96	108.5	0.00	95.73	-	-	0.00	0.00	-	0.00
8	17,289	17,289	-2.00	108.5	0.00	95.76	-	-	0.00	0.00	-	0.00
9	16,529	16,529	-1.42	108.5	0.00	95.36	-	-	0.00	0.00	-	0.00
10	15,924	15,924	-0.94	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
11	15,481	15,481	-0.57	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
12	14,428	14,428	0.35	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
13	14,555	14,555	0.23	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
14	13,759	13,759	0.96	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
15	13,496	13,496	1.21	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
16	13,793	13,793	0.93	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
17	13,829	13,830	0.90	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
18	13,311	13,311	1.39	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
19	12,559	12,559	2.15	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
20	12,223	12,223	2.51	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
21	12,136	12,136	2.60	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
22	13,257	13,257	1.45	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
23	12,987	12,987	1.72	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
24	12,108	12,109	2.63	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
25	12,735	12,735	1.97	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
26	12,747	12,748	1.96	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
27	11,624	11,624	3.16	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
28	11,591	11,591	3.20	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
29	11,541	11,541	3.26	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
30	10,480	10,480	4.52	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
31	10,779	10,779	4.15	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
32	10,832	10,832	4.09	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
33	11,465	11,466	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
34	11,217	11,217	3.63	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
35	11,820	11,820	2.95	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
36	11,871	11,871	2.89	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
37	11,403	11,403	3.41	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
38	10,111	10,112	4.99	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
39	10,601	10,602	4.37	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
40	9,849	9,849	5.34	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
41	10,016	10,017	5.12	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
42	9,449	9,449	5.88	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
43	9,277	9,277	6.12	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
44	8,676	8,676	7.01	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
45	8,772	8,773	6.86	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
46	8,119	8,119	7.88	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
47	6,689	6,689	10.44	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
48	5,452	5,452	13.14	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
49	4,443	4,443	15.82	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
50	4,439	4,440	15.83	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
51	3,539	3,540	18.74	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
52	3,751	3,752	18.00	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
53	2,577	2,578	22.61	108.5	0.00	79.22	-	-	0.00	0.00	-	0.00
54	2,614	2,615	22.44	108.5	0.00	79.35	-	-	0.00	0.00	-	0.00
55	3,172	3,173	20.10	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
56	1,981	1,982	25.95	108.5	0.00	76.94	-	-	0.00	0.00	-	0.00
57	3,516	3,517	18.82	108.5	0.00	81.92	-	-	0.00	0.00	-	0.00
58	3,180	3,181	20.07	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
59	1,452	1,454	29.80	108.5	0.00	74.25	-	-	0.00	0.00	-	0.00
60	946	950	34.81	108.5	0.00	70.55	-	-	0.00	0.00	-	0.00

Sum 37.29

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H083 H083

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,987	17,987	-2.52	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
2	19,428	19,428	-3.52	108.5	0.00	96.77	-	-	0.00	0.00	-	0.00
3	18,663	18,663	-3.00	108.5	0.00	96.42	-	-	0.00	0.00	-	0.00
4	19,561	19,561	-3.61	108.5	0.00	96.83	-	-	0.00	0.00	-	0.00
5	19,155	19,155	-3.33	108.5	0.00	96.65	-	-	0.00	0.00	-	0.00
6	19,287	19,287	-3.42	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
7	18,587	18,587	-2.94	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
8	18,699	18,699	-3.02	108.5	0.00	96.44	-	-	0.00	0.00	-	0.00
9	17,921	17,921	-2.47	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
10	17,302	17,302	-2.01	108.5	0.00	95.76	-	-	0.00	0.00	-	0.00
11	16,903	16,903	-1.71	108.5	0.00	95.56	-	-	0.00	0.00	-	0.00
12	15,840	15,840	-0.87	108.5	0.00	94.99	-	-	0.00	0.00	-	0.00
13	16,002	16,002	-1.00	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
14	15,215	15,215	-0.34	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
15	14,962	14,962	-0.13	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
16	15,172	15,172	-0.31	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
17	15,224	15,224	-0.35	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
18	14,726	14,726	0.08	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
19	13,972	13,972	0.76	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
20	13,693	13,693	1.03	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
21	13,608	13,608	1.11	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
22	14,507	14,508	0.27	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
23	14,259	14,259	0.50	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
24	13,476	13,476	1.23	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
25	14,032	14,032	0.71	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
26	14,102	14,102	0.64	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
27	12,978	12,978	1.72	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
28	12,985	12,985	1.72	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
29	12,972	12,972	1.73	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
30	11,921	11,921	2.83	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
31	12,230	12,230	2.50	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
32	12,291	12,291	2.43	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
33	12,932	12,932	1.77	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
34	12,689	12,689	2.02	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
35	12,993	12,993	1.71	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
36	13,088	13,089	1.61	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
37	12,648	12,649	2.06	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
38	11,417	11,417	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
39	11,981	11,981	2.77	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
40	11,220	11,221	3.63	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
41	11,426	11,427	3.39	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
42	10,667	10,668	4.29	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
43	10,559	10,560	4.42	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
44	9,995	9,996	5.14	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
45	9,862	9,863	5.32	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
46	9,226	9,227	6.20	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
47	8,002	8,002	8.07	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
48	6,672	6,672	10.48	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
49	5,853	5,854	12.21	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
50	5,911	5,912	12.08	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
51	5,012	5,012	14.25	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
52	5,086	5,087	14.06	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
53	3,921	3,922	17.43	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
54	4,030	4,031	17.08	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
55	4,642	4,643	15.25	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
56	3,446	3,447	19.07	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
57	4,307	4,308	16.22	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
58	4,149	4,150	16.71	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
59	2,630	2,632	22.37	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
60	2,322	2,324	23.89	108.5	0.00	78.32	-	-	0.00	0.00	-	0.00

Sum 29.51

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H084 H084

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,268	17,268	-1.99	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
2	18,727	18,727	-3.04	108.5	0.00	96.45	-	-	0.00	0.00	-	0.00
3	18,002	18,002	-2.53	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
4	18,766	18,766	-3.07	108.5	0.00	96.47	-	-	0.00	0.00	-	0.00
5	18,371	18,372	-2.79	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
6	18,525	18,525	-2.90	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
7	17,804	17,804	-2.38	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
8	17,981	17,981	-2.51	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
9	17,178	17,178	-1.92	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
10	16,543	16,543	-1.43	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
11	16,206	16,206	-1.16	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
12	15,128	15,128	-0.27	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
13	15,358	15,358	-0.47	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
14	14,599	14,599	0.19	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
15	14,385	14,385	0.38	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
16	14,417	14,417	0.36	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
17	14,488	14,488	0.29	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
18	14,022	14,022	0.72	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
19	13,265	13,265	1.44	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
20	13,144	13,144	1.56	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
21	13,125	13,125	1.58	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
22	13,653	13,653	1.06	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
23	13,417	13,417	1.29	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
24	12,713	12,713	1.99	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
25	13,207	13,207	1.50	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
26	13,323	13,324	1.38	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
27	12,201	12,202	2.53	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
28	12,253	12,253	2.48	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
29	12,299	12,299	2.43	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
30	11,271	11,271	3.57	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
31	11,603	11,603	3.19	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
32	11,690	11,690	3.09	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
33	12,361	12,361	2.36	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
34	12,204	12,204	2.53	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
35	12,103	12,103	2.64	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
36	12,218	12,219	2.51	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
37	11,794	11,794	2.97	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
38	10,604	10,604	4.37	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
39	11,234	11,234	3.61	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
40	10,467	10,467	4.54	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
41	10,721	10,721	4.22	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
42	9,803	9,803	5.40	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
43	9,732	9,733	5.49	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
44	9,197	9,197	6.24	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
45	8,949	8,950	6.60	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
46	8,320	8,320	7.56	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
47	7,208	7,208	9.46	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
48	5,826	5,827	12.27	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
49	5,183	5,183	13.81	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
50	5,428	5,429	13.20	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
51	4,571	4,571	15.45	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
52	4,340	4,341	16.13	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
53	3,213	3,214	19.95	108.5	0.00	81.14	-	-	0.00	0.00	-	0.00
54	3,405	3,406	19.22	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
55	4,154	4,155	16.69	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
56	2,962	2,963	20.94	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
57	3,357	3,357	19.40	108.5	0.00	81.52	-	-	0.00	0.00	-	0.00
58	3,236	3,237	19.86	108.5	0.00	81.20	-	-	0.00	0.00	-	0.00
59	1,873	1,875	26.66	108.5	0.00	76.46	-	-	0.00	0.00	-	0.00
60	1,760	1,762	27.44	108.5	0.00	75.92	-	-	0.00	0.00	-	0.00

Sum 32.50

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H085 H085

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,472	16,472	-1.38	108.5	0.00	95.33	-	-	0.00	0.00	-	0.00
2	17,926	17,926	-2.47	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
3	17,194	17,194	-1.93	108.5	0.00	95.71	-	-	0.00	0.00	-	0.00
4	17,999	17,999	-2.53	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
5	17,599	17,599	-2.23	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
6	17,743	17,743	-2.34	108.5	0.00	95.98	-	-	0.00	0.00	-	0.00
7	17,032	17,032	-1.81	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
8	17,185	17,185	-1.92	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
9	16,389	16,389	-1.31	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
10	15,760	15,760	-0.80	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
11	15,404	15,404	-0.51	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
12	14,330	14,330	0.43	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
13	14,548	14,548	0.24	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
14	13,787	13,787	0.94	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
15	13,572	13,572	1.14	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
16	13,632	13,632	1.08	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
17	13,696	13,696	1.02	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
18	13,222	13,222	1.48	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
19	12,465	12,465	2.25	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
20	12,332	12,332	2.39	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
21	12,320	12,320	2.40	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
22	12,926	12,926	1.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
23	12,680	12,680	2.03	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
24	11,931	11,931	2.82	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
25	12,457	12,458	2.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
26	12,548	12,548	2.16	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
27	11,425	11,425	3.39	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
28	11,460	11,460	3.35	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
29	11,493	11,493	3.31	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
30	10,461	10,461	4.55	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
31	10,792	10,792	4.14	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
32	10,877	10,877	4.03	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
33	11,548	11,548	3.25	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
34	11,399	11,399	3.42	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
35	11,413	11,413	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
36	11,506	11,506	3.30	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
37	11,067	11,067	3.81	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
38	9,846	9,846	5.34	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
39	10,445	10,445	4.57	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
40	9,680	9,680	5.56	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
41	9,920	9,920	5.24	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
42	9,085	9,085	6.40	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
43	8,983	8,984	6.55	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
44	8,430	8,431	7.39	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
45	8,294	8,295	7.60	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
46	7,654	7,654	8.66	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
47	6,438	6,438	10.95	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
48	5,091	5,091	14.04	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
49	4,373	4,373	16.03	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
50	4,631	4,631	15.28	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
51	3,787	3,787	17.88	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
52	3,546	3,547	18.71	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
53	2,406	2,407	23.43	108.5	0.00	78.63	-	-	0.00	0.00	-	0.00
54	2,593	2,593	22.54	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
55	3,360	3,361	19.39	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
56	2,180	2,180	24.72	108.5	0.00	77.77	-	-	0.00	0.00	-	0.00
57	2,827	2,827	21.51	108.5	0.00	80.03	-	-	0.00	0.00	-	0.00
58	2,594	2,595	22.53	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
59	1,073	1,076	33.38	108.5	0.00	71.63	-	-	0.00	0.00	-	0.00
60	980	983	34.42	108.5	0.00	70.85	-	-	0.00	0.00	-	0.00

Sum 38.06

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H086 H086

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,308	16,308	-1.24	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00
	2	17,787	17,787	-2.37	108.5	0.00	96.00	-	-	0.00	0.00	-	0.00
	3	17,114	17,114	-1.87	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
	4	17,705	17,705	-2.31	108.5	0.00	95.96	-	-	0.00	0.00	-	0.00
	5	17,325	17,326	-2.03	108.5	0.00	95.77	-	-	0.00	0.00	-	0.00
	6	17,506	17,506	-2.16	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
	7	16,759	16,759	-1.60	108.5	0.00	95.49	-	-	0.00	0.00	-	0.00
	8	17,019	17,019	-1.80	108.5	0.00	95.62	-	-	0.00	0.00	-	0.00
	9	16,187	16,187	-1.15	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00
	10	15,533	15,533	-0.61	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	11	15,275	15,275	-0.40	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
	12	14,181	14,181	0.57	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	13	14,500	14,500	0.28	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	14	13,782	13,782	0.94	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	15	13,621	13,621	1.09	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	16	13,416	13,416	1.29	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
	17	13,511	13,511	1.20	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	18	13,088	13,088	1.62	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	19	12,330	12,330	2.39	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	20	12,425	12,425	2.29	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	21	12,496	12,496	2.22	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	22	12,523	12,523	2.19	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	23	12,304	12,304	2.42	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	24	11,704	11,704	3.07	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	25	12,116	12,116	2.62	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	26	12,294	12,294	2.43	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	27	11,177	11,178	3.68	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	28	11,289	11,289	3.55	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	29	11,415	11,415	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	30	10,424	10,424	4.59	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	31	10,786	10,786	4.14	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	32	10,908	10,908	4.00	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	33	11,616	11,616	3.17	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	34	11,578	11,578	3.22	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	35	10,930	10,930	3.97	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	36	11,070	11,070	3.80	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	37	10,666	10,667	4.29	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	38	9,535	9,535	5.76	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	39	10,253	10,254	4.81	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	40	9,480	9,481	5.84	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	41	9,800	9,800	5.40	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	42	8,666	8,667	7.02	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	43	8,648	8,648	7.05	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	44	8,155	8,156	7.82	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	45	7,750	7,751	8.50	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	46	7,131	7,132	9.60	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	47	6,187	6,187	11.48	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	48	4,740	4,741	14.98	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	49	4,392	4,393	15.97	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	50	4,921	4,921	14.49	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	51	4,168	4,169	16.65	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
	52	3,454	3,455	19.04	108.5	0.00	81.77	-	-	0.00	0.00	-	0.00
	53	2,467	2,468	23.12	108.5	0.00	78.85	-	-	0.00	0.00	-	0.00
	54	2,794	2,795	21.65	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
	55	3,706	3,707	18.15	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
	56	2,644	2,645	22.31	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
	57	2,119	2,120	25.09	108.5	0.00	77.53	-	-	0.00	0.00	-	0.00
	58	2,070	2,071	25.39	108.5	0.00	77.32	-	-	0.00	0.00	-	0.00
	59	1,263	1,265	31.47	108.5	0.00	73.04	-	-	0.00	0.00	-	0.00
	60	1,606	1,607	28.58	108.5	0.00	75.12	-	-	0.00	0.00	-	0.00

Sum 35.71

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H087 H087

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,017	17,017	-1.80	108.5	0.00	95.62	-	-	0.00	0.00	-	0.00
2	18,505	18,505	-2.89	108.5	0.00	96.35	-	-	0.00	0.00	-	0.00
3	17,857	17,857	-2.42	108.5	0.00	96.04	-	-	0.00	0.00	-	0.00
4	18,349	18,349	-2.78	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
5	17,981	17,981	-2.51	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
6	18,180	18,180	-2.66	108.5	0.00	96.19	-	-	0.00	0.00	-	0.00
7	17,416	17,416	-2.10	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
8	17,728	17,728	-2.33	108.5	0.00	95.97	-	-	0.00	0.00	-	0.00
9	16,880	16,880	-1.69	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
10	16,214	16,214	-1.17	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
11	16,001	16,001	-1.00	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
12	14,900	14,900	-0.07	108.5	0.00	94.46	-	-	0.00	0.00	-	0.00
13	15,256	15,256	-0.38	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
14	14,551	14,551	0.24	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
15	14,405	14,405	0.37	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
16	14,106	14,106	0.64	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
17	14,215	14,215	0.54	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
18	13,814	13,814	0.91	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
19	13,057	13,057	1.65	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
20	13,220	13,220	1.48	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
21	13,305	13,305	1.40	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
22	13,109	13,109	1.59	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
23	12,908	12,908	1.80	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
24	12,393	12,393	2.33	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
25	12,742	12,742	1.96	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
26	12,967	12,967	1.74	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
27	11,857	11,857	2.90	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
28	12,003	12,003	2.74	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
29	12,165	12,165	2.57	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
30	11,188	11,188	3.66	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
31	11,559	11,559	3.24	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
32	11,690	11,691	3.09	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
33	12,407	12,407	2.31	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
34	12,388	12,388	2.33	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
35	11,465	11,465	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
36	11,639	11,639	3.15	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
37	11,260	11,261	3.58	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
38	10,186	10,186	4.89	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
39	10,961	10,961	3.93	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
40	10,186	10,187	4.89	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
41	10,537	10,537	4.45	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
42	9,257	9,257	6.15	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
43	9,289	9,289	6.11	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
44	8,831	8,831	6.77	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
45	8,253	8,253	7.67	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
46	7,656	7,657	8.66	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
47	6,885	6,885	10.06	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
48	5,403	5,404	13.26	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
49	5,189	5,189	13.79	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
50	5,741	5,742	12.46	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
51	4,984	4,984	14.32	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
52	4,234	4,234	16.45	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
53	3,282	3,283	19.68	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
54	3,615	3,616	18.47	108.5	0.00	82.16	-	-	0.00	0.00	-	0.00
55	4,524	4,524	15.59	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
56	3,440	3,441	19.09	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
57	2,601	2,602	22.50	108.5	0.00	79.31	-	-	0.00	0.00	-	0.00
58	2,709	2,710	22.02	108.5	0.00	79.66	-	-	0.00	0.00	-	0.00
59	2,074	2,075	25.36	108.5	0.00	77.34	-	-	0.00	0.00	-	0.00
60	2,337	2,338	23.81	108.5	0.00	78.38	-	-	0.00	0.00	-	0.00

Sum 31.56

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H088 H088

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,059	16,059	-1.05	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
2	17,553	17,553	-2.20	108.5	0.00	95.89	-	-	0.00	0.00	-	0.00
3	16,925	16,925	-1.73	108.5	0.00	95.57	-	-	0.00	0.00	-	0.00
4	17,361	17,361	-2.06	108.5	0.00	95.79	-	-	0.00	0.00	-	0.00
5	16,997	16,997	-1.78	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
6	17,202	17,202	-1.94	108.5	0.00	95.71	-	-	0.00	0.00	-	0.00
7	16,433	16,433	-1.34	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
8	16,768	16,768	-1.61	108.5	0.00	95.49	-	-	0.00	0.00	-	0.00
9	15,912	15,912	-0.93	108.5	0.00	95.03	-	-	0.00	0.00	-	0.00
10	15,240	15,240	-0.37	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
11	15,054	15,054	-0.21	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
12	13,949	13,949	0.79	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
13	14,341	14,341	0.42	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
14	13,655	13,655	1.06	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
15	13,535	13,535	1.18	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
16	13,137	13,137	1.57	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
17	13,254	13,254	1.45	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
18	12,869	12,869	1.83	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
19	12,113	12,113	2.63	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
20	12,375	12,375	2.35	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
21	12,508	12,508	2.21	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
22	12,113	12,113	2.62	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
23	11,914	11,914	2.84	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
24	11,423	11,424	3.39	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
25	11,752	11,752	3.02	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
26	11,991	11,991	2.76	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
27	10,883	10,884	4.03	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
28	11,050	11,051	3.83	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
29	11,244	11,244	3.60	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
30	10,288	10,288	4.76	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
31	10,671	10,671	4.28	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
32	10,820	10,820	4.10	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
33	11,552	11,552	3.25	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
34	11,597	11,597	3.19	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
35	10,470	10,470	4.53	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
36	10,643	10,643	4.32	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
37	10,265	10,265	4.79	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
38	9,203	9,203	6.23	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
39	10,004	10,004	5.13	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
40	9,230	9,230	6.19	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
41	9,605	9,605	5.67	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
42	8,262	8,262	7.65	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
43	8,303	8,303	7.59	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
44	7,858	7,859	8.31	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
45	7,261	7,262	9.36	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
46	6,662	6,662	10.50	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
47	5,928	5,928	12.04	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
48	4,431	4,431	15.86	108.5	0.00	83.93	-	-	0.00	0.00	-	0.00
49	4,376	4,376	16.02	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
50	5,090	5,090	14.05	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
51	4,422	4,423	15.88	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
52	3,390	3,391	19.28	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
53	2,585	2,585	22.57	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
54	2,985	2,986	20.85	108.5	0.00	80.50	-	-	0.00	0.00	-	0.00
55	3,951	3,952	17.34	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
56	3,018	3,019	20.72	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
57	1,605	1,607	28.58	108.5	0.00	75.12	-	-	0.00	0.00	-	0.00
58	1,745	1,746	27.55	108.5	0.00	75.84	-	-	0.00	0.00	-	0.00
59	1,655	1,657	28.20	108.5	0.00	75.38	-	-	0.00	0.00	-	0.00
60	2,149	2,151	24.90	108.5	0.00	77.65	-	-	0.00	0.00	-	0.00

Sum 34.90



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H090 H090

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,839	16,839	-1.66	108.5	0.00	95.53	-	-	0.00	0.00	-	0.00
2	18,336	18,336	-2.77	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
3	17,716	17,717	-2.32	108.5	0.00	95.97	-	-	0.00	0.00	-	0.00
4	18,108	18,108	-2.60	108.5	0.00	96.16	-	-	0.00	0.00	-	0.00
5	17,751	17,751	-2.35	108.5	0.00	95.98	-	-	0.00	0.00	-	0.00
6	17,966	17,966	-2.50	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
7	17,188	17,188	-1.93	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
8	17,548	17,548	-2.20	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
9	16,685	16,685	-1.54	108.5	0.00	95.45	-	-	0.00	0.00	-	0.00
10	16,008	16,008	-1.00	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
11	15,841	15,841	-0.87	108.5	0.00	95.00	-	-	0.00	0.00	-	0.00
12	14,733	14,733	0.07	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
13	15,136	15,136	-0.28	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
14	14,453	14,453	0.32	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
15	14,333	14,333	0.43	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
16	13,910	13,910	0.82	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
17	14,033	14,033	0.71	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
18	13,657	13,657	1.06	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
19	12,901	12,901	1.80	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
20	13,170	13,171	1.53	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
21	13,295	13,295	1.41	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
22	12,830	12,830	1.87	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
23	12,642	12,643	2.07	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
24	12,197	12,197	2.54	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
25	12,493	12,493	2.22	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
26	12,757	12,757	1.95	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
27	11,653	11,653	3.13	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
28	11,835	11,835	2.93	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
29	12,039	12,039	2.71	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
30	11,085	11,085	3.79	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
31	11,469	11,469	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
32	11,617	11,617	3.17	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
33	12,348	12,348	2.37	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
34	12,382	12,382	2.34	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
35	11,156	11,156	3.70	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
36	11,350	11,351	3.48	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
37	10,989	10,990	3.90	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
38	9,960	9,961	5.19	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
39	10,787	10,787	4.14	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
40	10,012	10,012	5.12	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
41	10,398	10,398	4.62	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
42	8,987	8,988	6.54	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
43	9,057	9,058	6.44	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
44	8,630	8,630	7.08	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
45	7,932	7,932	8.19	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
46	7,350	7,350	9.20	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
47	6,712	6,712	10.40	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
48	5,206	5,207	13.75	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
49	5,163	5,163	13.86	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
50	5,824	5,825	12.27	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
51	5,115	5,115	13.98	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
52	4,182	4,183	16.61	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
53	3,327	3,328	19.51	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
54	3,702	3,702	18.17	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
55	4,647	4,647	15.24	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
56	3,630	3,630	18.42	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
57	2,326	2,327	23.88	108.5	0.00	78.34	-	-	0.00	0.00	-	0.00
58	2,534	2,535	22.80	108.5	0.00	79.08	-	-	0.00	0.00	-	0.00
59	2,241	2,242	24.36	108.5	0.00	78.01	-	-	0.00	0.00	-	0.00
60	2,606	2,607	22.48	108.5	0.00	79.32	-	-	0.00	0.00	-	0.00

Sum 31.40

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H091 H091

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,083	16,083	-1.06	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
2	17,597	17,597	-2.23	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
3	17,044	17,044	-1.82	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
4	17,217	17,217	-1.95	108.5	0.00	95.72	-	-	0.00	0.00	-	0.00
5	16,881	16,881	-1.69	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
6	17,129	17,129	-1.88	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
7	16,322	16,322	-1.26	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
8	16,787	16,787	-1.62	108.5	0.00	95.50	-	-	0.00	0.00	-	0.00
9	15,892	15,892	-0.91	108.5	0.00	95.02	-	-	0.00	0.00	-	0.00
10	15,194	15,194	-0.33	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
11	15,129	15,129	-0.27	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
12	14,010	14,010	0.73	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
13	14,517	14,517	0.27	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
14	13,887	13,887	0.84	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
15	13,830	13,830	0.90	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
16	13,124	13,124	1.58	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
17	13,277	13,277	1.43	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
18	12,959	12,959	1.74	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
19	12,210	12,210	2.52	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
20	12,730	12,730	1.98	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
21	12,952	12,952	1.75	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
22	11,871	11,871	2.89	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
23	11,711	11,711	3.07	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
24	11,419	11,419	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
25	11,596	11,596	3.20	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
26	11,943	11,943	2.81	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
27	10,860	10,860	4.05	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
28	11,120	11,120	3.74	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
29	11,421	11,421	3.39	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
30	10,527	10,527	4.46	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
31	10,940	10,940	3.96	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
32	11,127	11,127	3.74	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
33	11,890	11,890	2.87	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
34	12,054	12,054	2.69	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
35	10,140	10,141	4.95	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
36	10,376	10,376	4.65	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
37	10,052	10,053	5.07	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
38	9,128	9,128	6.34	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
39	10,065	10,065	5.05	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
40	9,296	9,296	6.10	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
41	9,760	9,760	5.46	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
42	8,064	8,065	7.97	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
43	8,217	8,217	7.72	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
44	7,864	7,864	8.30	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
45	6,907	6,907	10.02	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
46	6,359	6,359	11.11	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
47	6,038	6,039	11.80	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
48	4,509	4,509	15.63	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
49	4,899	4,899	14.55	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
50	5,814	5,815	12.29	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
51	5,252	5,252	13.63	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
52	3,902	3,902	17.50	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
53	3,359	3,359	19.39	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
54	3,804	3,804	17.82	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
55	4,784	4,784	14.86	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
56	3,988	3,988	17.22	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
57	1,620	1,621	28.47	108.5	0.00	75.20	-	-	0.00	0.00	-	0.00
58	2,091	2,092	25.26	108.5	0.00	77.41	-	-	0.00	0.00	-	0.00
59	2,691	2,692	22.10	108.5	0.00	79.60	-	-	0.00	0.00	-	0.00
60	3,233	3,234	19.87	108.5	0.00	81.20	-	-	0.00	0.00	-	0.00

Sum 32.61

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H092 H092

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,598	15,598	-0.67	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
2	17,119	17,119	-1.88	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
3	16,606	16,606	-1.48	108.5	0.00	95.41	-	-	0.00	0.00	-	0.00
4	16,653	16,653	-1.52	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
5	16,330	16,330	-1.26	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
6	16,597	16,597	-1.47	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
7	15,774	15,774	-0.81	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
8	16,298	16,298	-1.24	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
9	15,386	15,386	-0.49	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
10	14,677	14,677	0.12	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
11	14,670	14,671	0.13	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
12	13,547	13,548	1.17	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
13	14,115	14,115	0.63	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
14	13,518	13,518	1.19	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
15	13,497	13,498	1.21	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
16	12,626	12,627	2.08	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
17	12,797	12,798	1.91	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
18	12,514	12,515	2.20	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
19	11,771	11,772	3.00	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
20	12,438	12,438	2.28	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
21	12,716	12,716	1.99	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
22	11,277	11,277	3.56	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
23	11,132	11,132	3.73	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
24	10,930	10,931	3.97	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
25	11,037	11,038	3.84	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
26	11,433	11,433	3.38	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
27	10,365	10,365	4.67	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
28	10,670	10,670	4.29	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
29	11,029	11,029	3.85	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
30	10,174	10,174	4.91	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
31	10,603	10,603	4.37	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
32	10,813	10,813	4.11	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
33	11,591	11,591	3.20	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
34	11,831	11,831	2.93	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
35	9,517	9,517	5.79	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
36	9,775	9,776	5.44	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
37	9,475	9,475	5.85	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
38	8,616	8,616	7.10	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
39	9,615	9,616	5.65	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
40	8,853	8,854	6.74	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
41	9,363	9,363	6.00	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
42	7,502	7,502	8.93	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
43	7,705	7,705	8.57	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
44	7,399	7,400	9.11	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
45	6,287	6,288	11.26	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
46	5,763	5,764	12.41	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
47	5,651	5,651	12.67	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
48	4,134	4,135	16.75	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
49	4,797	4,797	14.82	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
50	5,843	5,843	12.23	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
51	5,379	5,379	13.32	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
52	3,825	3,825	17.75	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
53	3,498	3,499	18.88	108.5	0.00	81.88	-	-	0.00	0.00	-	0.00
54	3,960	3,960	17.31	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
55	4,923	4,924	14.48	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
56	4,275	4,276	16.32	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
57	1,461	1,463	29.73	108.5	0.00	74.30	-	-	0.00	0.00	-	0.00
58	2,053	2,055	25.49	108.5	0.00	77.25	-	-	0.00	0.00	-	0.00
59	3,091	3,092	20.42	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
60	3,684	3,685	18.23	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00

Sum 33.02

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H093 H093

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,439	15,440	-0.53	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
2	16,966	16,966	-1.76	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
3	16,485	16,485	-1.39	108.5	0.00	95.34	-	-	0.00	0.00	-	0.00
4	16,424	16,424	-1.34	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
5	16,113	16,113	-1.09	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
6	16,396	16,396	-1.32	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
7	15,560	15,560	-0.64	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
8	16,135	16,135	-1.11	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
9	15,209	15,209	-0.34	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
10	14,491	14,491	0.29	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
11	14,535	14,536	0.25	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
12	13,410	13,410	1.30	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
13	14,026	14,026	0.71	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
14	13,455	13,455	1.25	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
15	13,463	13,463	1.25	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
16	12,461	12,461	2.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
17	12,647	12,647	2.06	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
18	12,393	12,393	2.33	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
19	11,656	11,656	3.13	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
20	12,435	12,435	2.28	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
21	12,752	12,752	1.95	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
22	11,022	11,022	3.86	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
23	10,894	10,894	4.01	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
24	10,775	10,776	4.16	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
25	10,819	10,819	4.10	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
26	11,258	11,258	3.58	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
27	10,205	10,205	4.87	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
28	10,548	10,548	4.44	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
29	10,953	10,953	3.94	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
30	10,130	10,130	4.97	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
31	10,570	10,570	4.41	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
32	10,796	10,796	4.13	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
33	11,584	11,584	3.21	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
34	11,877	11,877	2.88	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
35	9,235	9,235	6.18	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
36	9,517	9,517	5.79	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
37	9,240	9,240	6.18	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
38	8,444	8,445	7.36	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
39	9,496	9,496	5.82	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
40	8,742	8,742	6.91	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
41	9,287	9,287	6.11	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
42	7,286	7,287	9.31	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
43	7,536	7,537	8.87	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
44	7,274	7,275	9.33	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
45	6,016	6,017	11.84	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
46	5,521	5,522	12.98	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
47	5,600	5,600	12.79	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
48	4,110	4,110	16.83	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
49	4,956	4,956	14.40	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
50	6,070	6,071	11.73	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
51	5,662	5,663	12.64	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
52	4,012	4,013	17.14	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
53	3,807	3,808	17.81	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
54	4,271	4,271	16.33	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
55	5,216	5,217	13.72	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
56	4,642	4,642	15.25	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
57	1,694	1,696	27.91	108.5	0.00	75.59	-	-	0.00	0.00	-	0.00
58	2,313	2,315	23.95	108.5	0.00	78.29	-	-	0.00	0.00	-	0.00
59	3,510	3,511	18.84	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
60	4,115	4,115	16.81	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00

Sum 31.70

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H094 H094

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,839	16,839	-1.66	108.5	0.00	95.53	-	-	0.00	0.00	-	0.00
2	18,372	18,372	-2.79	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
3	17,958	17,958	-2.50	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
4	17,644	17,644	-2.27	108.5	0.00	95.93	-	-	0.00	0.00	-	0.00
5	17,367	17,367	-2.06	108.5	0.00	95.79	-	-	0.00	0.00	-	0.00
6	17,694	17,694	-2.30	108.5	0.00	95.96	-	-	0.00	0.00	-	0.00
7	16,824	16,825	-1.65	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
8	17,524	17,524	-2.18	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
9	16,569	16,569	-1.45	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
10	15,833	15,833	-0.86	108.5	0.00	94.99	-	-	0.00	0.00	-	0.00
11	15,986	15,986	-0.99	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
12	14,860	14,860	-0.04	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
13	15,559	15,559	-0.63	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
14	15,029	15,029	-0.18	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
15	15,074	15,074	-0.22	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
16	13,856	13,856	0.87	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
17	14,072	14,072	0.67	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
18	13,876	13,876	0.85	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
19	13,153	13,153	1.55	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
20	14,082	14,082	0.66	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
21	14,433	14,433	0.34	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
22	12,196	12,197	2.54	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
23	12,116	12,116	2.62	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
24	12,200	12,200	2.53	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
25	12,095	12,096	2.64	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
26	12,637	12,637	2.07	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
27	11,623	11,623	3.17	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
28	12,038	12,038	2.71	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
29	12,514	12,514	2.20	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
30	11,738	11,738	3.04	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
31	12,189	12,189	2.54	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
32	12,432	12,432	2.29	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
33	13,229	13,229	1.48	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
34	13,567	13,567	1.15	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
35	10,338	10,338	4.70	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
36	10,693	10,693	4.26	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
37	10,486	10,486	4.51	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
38	9,852	9,852	5.33	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
39	10,995	10,995	3.89	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
40	10,259	10,259	4.80	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
41	10,855	10,855	4.06	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
42	8,607	8,608	7.11	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
43	8,958	8,958	6.59	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
44	8,779	8,779	6.85	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
45	7,210	7,211	9.45	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
46	6,807	6,807	10.21	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
47	7,221	7,221	9.43	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
48	5,769	5,770	12.40	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
49	6,675	6,675	10.47	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
50	7,763	7,763	8.48	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
51	7,304	7,304	9.28	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
52	5,723	5,723	12.50	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
53	5,419	5,419	13.22	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
54	5,879	5,879	12.15	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
55	6,847	6,847	10.14	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
56	6,146	6,146	11.56	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
57	3,374	3,375	19.34	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
58	3,977	3,978	17.25	108.5	0.00	82.99	-	-	0.00	0.00	-	0.00
59	4,876	4,877	14.61	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
60	5,418	5,418	13.23	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00

Sum 26.19

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H095 H095

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,364	15,364	-0.47	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
	2	16,897	16,897	-1.71	108.5	0.00	95.56	-	-	0.00	0.00	-	0.00
	3	16,576	16,576	-1.46	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
	4	15,984	15,984	-0.98	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
	5	15,737	15,737	-0.78	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
	6	16,103	16,103	-1.08	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
	7	15,206	15,206	-0.34	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	8	16,032	16,032	-1.02	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
	9	15,048	15,048	-0.20	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	10	14,295	14,295	0.47	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
	11	14,583	14,583	0.21	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	12	13,463	13,463	1.25	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	13	14,292	14,292	0.47	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
	14	13,847	13,847	0.88	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	15	13,977	13,977	0.76	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	16	12,393	12,394	2.33	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	17	12,648	12,648	2.06	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	18	12,538	12,538	2.18	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	19	11,844	11,844	2.92	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	20	13,099	13,099	1.60	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	21	13,574	13,574	1.14	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
	22	10,530	10,530	4.46	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	23	10,490	10,490	4.51	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	24	10,794	10,794	4.13	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	25	10,520	10,520	4.47	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	26	11,167	11,167	3.69	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	27	10,214	10,214	4.86	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	28	10,729	10,729	4.21	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	29	11,330	11,330	3.50	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	30	10,669	10,669	4.29	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	31	11,143	11,143	3.72	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	32	11,433	11,433	3.38	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	33	12,246	12,247	2.48	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	34	12,754	12,754	1.95	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	35	8,637	8,637	7.07	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	36	9,043	9,043	6.46	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	37	8,900	8,900	6.67	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	38	8,456	8,456	7.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	39	9,716	9,717	5.52	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	40	9,023	9,023	6.49	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	41	9,709	9,709	5.53	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	42	7,131	7,132	9.60	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	43	7,600	7,600	8.76	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	44	7,555	7,555	8.83	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	45	5,642	5,643	12.69	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	46	5,347	5,347	13.40	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	47	6,299	6,299	11.24	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	48	5,046	5,046	14.16	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	49	6,427	6,428	10.97	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	50	7,701	7,701	8.58	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	51	7,458	7,459	9.00	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	52	5,617	5,617	12.75	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	53	5,714	5,714	12.52	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	54	6,167	6,168	11.52	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	55	7,048	7,048	9.75	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	56	6,650	6,651	10.52	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	57	3,604	3,605	18.51	108.5	0.00	82.14	-	-	0.00	0.00	-	0.00
	58	4,202	4,203	16.54	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
	59	5,618	5,619	12.75	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	60	6,235	6,235	11.37	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00

Sum 26.42

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H096 H096

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,834	15,834	-0.86	108.5	0.00	94.99	-	-	0.00	0.00	-	0.00
	2	17,368	17,368	-2.06	108.5	0.00	95.80	-	-	0.00	0.00	-	0.00
	3	16,995	16,995	-1.78	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
	4	16,566	16,566	-1.45	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
	5	16,300	16,300	-1.24	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	6	16,642	16,642	-1.51	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
	7	15,762	15,762	-0.80	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
	8	16,513	16,513	-1.41	108.5	0.00	95.36	-	-	0.00	0.00	-	0.00
	9	15,545	15,545	-0.62	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
	10	14,801	14,801	0.01	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	11	15,012	15,012	-0.17	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
	12	13,887	13,887	0.84	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	13	14,645	14,645	0.15	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	14	14,154	14,154	0.59	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	15	14,240	14,240	0.52	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	16	12,854	12,854	1.85	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	17	13,086	13,086	1.62	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	18	12,928	12,928	1.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	19	12,217	12,217	2.51	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	20	13,303	13,303	1.40	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	21	13,717	13,717	1.00	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	22	11,113	11,113	3.75	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	23	11,047	11,048	3.83	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	24	11,220	11,220	3.63	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	25	11,046	11,046	3.83	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	26	11,630	11,630	3.16	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	27	10,640	10,640	4.32	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	28	11,100	11,100	3.77	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	29	11,634	11,634	3.15	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	30	10,911	10,911	3.99	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	31	11,374	11,375	3.45	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	32	11,642	11,642	3.14	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	33	12,448	12,448	2.27	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	34	12,872	12,872	1.83	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	35	9,241	9,242	6.18	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	36	9,614	9,614	5.65	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	37	9,430	9,430	5.91	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	38	8,871	8,872	6.71	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	39	10,069	10,069	5.05	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	40	9,350	9,350	6.02	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	41	9,989	9,989	5.15	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	42	7,590	7,590	8.77	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	43	7,991	7,991	8.09	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	44	7,870	7,871	8.29	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	45	6,153	6,154	11.55	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	46	5,789	5,789	12.35	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	47	6,445	6,445	10.93	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
	48	5,077	5,078	14.08	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
	49	6,250	6,251	11.34	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	50	7,455	7,455	9.01	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	51	7,120	7,120	9.62	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	52	5,367	5,368	13.35	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	53	5,300	5,301	13.51	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	54	5,762	5,763	12.41	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	55	6,687	6,687	10.45	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	56	6,168	6,168	11.52	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	57	3,167	3,168	20.12	108.5	0.00	81.02	-	-	0.00	0.00	-	0.00
	58	3,787	3,787	17.88	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
	59	5,040	5,040	14.18	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	60	5,638	5,638	12.70	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00

Sum 26.94

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H097 H097

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,723	15,723	-0.77	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
2	17,255	17,255	-1.98	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
3	16,966	16,966	-1.76	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
4	16,262	16,262	-1.21	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
5	16,031	16,031	-1.02	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
6	16,414	16,414	-1.33	108.5	0.00	95.30	-	-	0.00	0.00	-	0.00
7	15,506	15,506	-0.59	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
8	16,384	16,384	-1.31	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
9	15,391	15,391	-0.49	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
10	14,632	14,632	0.16	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
11	14,969	14,969	-0.13	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
12	13,852	13,852	0.88	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
13	14,718	14,718	0.09	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
14	14,295	14,295	0.47	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
15	14,444	14,444	0.33	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
16	12,763	12,763	1.94	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
17	13,030	13,030	1.67	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
18	12,947	12,947	1.76	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
19	12,263	12,263	2.46	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
20	13,588	13,588	1.13	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
21	14,083	14,083	0.66	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
22	10,816	10,816	4.11	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
23	10,797	10,797	4.13	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
24	11,187	11,187	3.67	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
25	10,849	10,850	4.07	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
26	11,537	11,537	3.26	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
27	10,607	10,608	4.36	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
28	11,151	11,151	3.71	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
29	11,782	11,782	2.99	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
30	11,147	11,147	3.71	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
31	11,625	11,625	3.16	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
32	11,923	11,923	2.83	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
33	12,738	12,738	1.97	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
34	13,271	13,271	1.43	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
35	8,909	8,910	6.66	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
36	9,342	9,342	6.03	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
37	9,231	9,231	6.19	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
38	8,861	8,861	6.73	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
39	10,150	10,150	4.94	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
40	9,470	9,470	5.85	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
41	10,174	10,174	4.91	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
42	7,515	7,516	8.90	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
43	8,020	8,021	8.04	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
44	8,011	8,011	8.06	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
45	6,002	6,002	11.88	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
46	5,751	5,751	12.44	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
47	6,817	6,818	10.19	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
48	5,593	5,594	12.81	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
49	6,994	6,994	9.85	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
50	8,268	8,268	7.64	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
51	8,020	8,020	8.05	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
52	6,183	6,183	11.48	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
53	6,263	6,264	11.31	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
54	6,719	6,719	10.38	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
55	7,606	7,607	8.74	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
56	7,186	7,187	9.50	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
57	4,144	4,145	16.72	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
58	4,749	4,749	14.95	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
59	6,123	6,123	11.61	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
60	6,733	6,733	10.36	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00

Sum 25.34



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H112 H112

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,686	13,686	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	2	15,220	15,220	<b>-0.35</b>	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	3	14,864	14,864	<b>-0.04</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	4	14,430	14,430	<b>0.34</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	5	14,157	14,157	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	6	14,493	14,493	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	7	13,616	13,616	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	8	14,363	14,363	<b>0.40</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	9	13,393	13,394	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	10	12,649	12,649	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	11	12,876	12,876	<b>1.83</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	12	11,752	11,752	<b>3.02</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	13	12,550	12,550	<b>2.16</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	14	12,095	12,095	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	15	12,222	12,222	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	16	10,707	10,707	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	17	10,946	10,946	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	18	10,809	10,810	<b>4.12</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	19	10,108	10,108	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	20	11,350	11,350	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	21	11,842	11,842	<b>2.92</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	22	8,981	8,982	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	23	8,904	8,905	<b>6.66</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	24	9,084	9,084	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	25	8,895	8,895	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	26	9,483	9,483	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	27	8,503	8,504	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	28	8,991	8,992	<b>6.54</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	29	9,577	9,577	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	30	8,915	8,915	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	31	9,391	9,391	<b>5.96</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	32	9,684	9,685	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	33	10,498	10,499	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	34	11,033	11,033	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	35	7,127	7,127	<b>9.60</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	36	7,478	7,479	<b>8.97</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	37	7,281	7,281	<b>9.32</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	38	6,738	6,738	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	39	7,973	7,973	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	40	7,273	7,273	<b>9.34</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	41	7,954	7,954	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	42	5,441	5,442	<b>13.17</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	43	5,869	5,869	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
	44	5,802	5,803	<b>12.32</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
	45	4,004	4,005	<b>17.17</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
	46	3,642	3,643	<b>18.37</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	47	4,584	4,585	<b>15.41</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	48	3,441	3,441	<b>19.09</b>	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
	49	5,041	5,041	<b>14.17</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	50	6,387	6,387	<b>11.06</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	51	6,306	6,307	<b>11.22</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	52	4,377	4,377	<b>16.02</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
	53	4,783	4,784	<b>14.86</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	54	5,195	5,195	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	55	5,951	5,951	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	56	5,824	5,824	<b>12.27</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	57	2,942	2,943	<b>21.02</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
	58	3,405	3,406	<b>19.22</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
	59	5,091	5,091	<b>14.04</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	60	5,720	5,721	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00

Sum 29.40

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H113 H113

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,959	14,959	-0.12	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
2	16,491	16,491	-1.39	108.5	0.00	95.34	-	-	0.00	0.00	-	0.00
3	16,204	16,204	-1.16	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
4	15,511	15,511	-0.60	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
5	15,276	15,276	-0.40	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
6	15,656	15,656	-0.72	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
7	14,750	14,750	0.06	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
8	15,621	15,621	-0.69	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
9	14,628	14,628	0.17	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
10	13,870	13,870	0.86	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
11	14,206	14,206	0.55	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
12	13,090	13,090	1.61	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
13	13,963	13,963	0.77	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
14	13,549	13,549	1.16	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
15	13,708	13,708	1.01	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
16	11,999	11,999	2.75	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
17	12,267	12,267	2.46	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
18	12,188	12,188	2.54	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
19	11,507	11,507	3.30	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
20	12,871	12,871	1.83	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
21	13,387	13,387	1.32	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
22	10,062	10,062	5.06	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
23	10,038	10,039	5.09	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
24	10,425	10,425	4.59	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
25	10,087	10,088	5.02	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
26	10,773	10,773	4.16	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
27	9,846	9,846	5.34	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
28	10,396	10,396	4.63	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
29	11,039	11,039	3.84	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
30	10,422	10,422	4.59	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
31	10,902	10,902	4.00	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
32	11,207	11,207	3.64	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
33	12,023	12,023	2.72	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
34	12,585	12,585	2.13	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
35	8,159	8,159	7.82	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
36	8,585	8,585	7.15	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
37	8,468	8,469	7.33	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
38	8,101	8,101	7.91	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
39	9,399	9,399	5.95	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
40	8,725	8,725	6.93	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
41	9,439	9,439	5.90	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
42	6,753	6,753	10.32	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
43	7,265	7,266	9.35	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
44	7,272	7,272	9.34	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
45	5,238	5,238	13.67	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
46	4,993	4,993	14.30	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
47	6,143	6,143	11.57	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
48	4,986	4,986	14.32	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
49	6,495	6,495	10.83	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
50	7,807	7,807	8.40	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
51	7,630	7,631	8.70	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
52	5,743	5,744	12.46	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
53	5,952	5,953	11.99	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
54	6,396	6,396	11.04	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
55	7,238	7,239	9.40	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
56	6,929	6,929	9.98	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
57	3,891	3,891	17.53	108.5	0.00	82.80	-	-	0.00	0.00	-	0.00
58	4,463	4,463	15.76	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00
59	5,972	5,973	11.94	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
60	6,597	6,598	10.63	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00

Sum 26.32

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H114 H114

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,049	14,050	<b>0.69</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	2	15,571	15,571	<b>-0.64</b>	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
	3	15,064	15,064	<b>-0.22</b>	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
	4	15,124	15,124	<b>-0.27</b>	108.5	0.00	94.59	-	-	0.00	0.00	-	0.00
	5	14,795	14,795	<b>0.02</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	6	15,055	15,055	<b>-0.21</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	7	14,237	14,237	<b>0.52</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	8	14,749	14,749	<b>0.06</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
	9	13,838	13,838	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	10	13,131	13,131	<b>1.57</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	11	13,125	13,125	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	12	12,001	12,002	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	13	12,588	12,589	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	14	12,009	12,009	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	15	12,014	12,014	<b>2.73</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	16	11,078	11,078	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	17	11,249	11,249	<b>3.59</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	18	10,973	10,973	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	19	10,232	10,232	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	20	10,990	10,990	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	21	11,322	11,322	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	22	9,771	9,771	<b>5.44</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	23	9,613	9,613	<b>5.66</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	24	9,382	9,382	<b>5.98</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	25	9,505	9,505	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	26	9,885	9,886	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	27	8,816	8,817	<b>6.80</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	28	9,128	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	29	9,510	9,510	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	30	8,682	8,682	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	31	9,121	9,121	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	32	9,349	9,349	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	33	10,138	10,138	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	34	10,453	10,453	<b>4.56</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	35	8,047	8,048	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	36	8,276	8,276	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	37	7,954	7,955	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	38	7,068	7,068	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	39	8,074	8,074	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	40	7,315	7,315	<b>9.26</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	41	7,844	7,844	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	42	5,970	5,971	<b>11.94</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
	43	6,157	6,157	<b>11.54</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	44	5,855	5,856	<b>12.20</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	45	4,815	4,815	<b>14.77</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	46	4,259	4,260	<b>16.37</b>	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
	47	4,151	4,152	<b>16.70</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
	48	2,665	2,666	<b>22.21</b>	108.5	0.00	79.52	-	-	0.00	0.00	-	0.00
	49	3,699	3,700	<b>18.18</b>	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
	50	4,933	4,933	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	51	4,684	4,685	<b>15.13</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	52	2,844	2,845	<b>21.44</b>	108.5	0.00	80.08	-	-	0.00	0.00	-	0.00
	53	3,003	3,004	<b>20.78</b>	108.5	0.00	80.55	-	-	0.00	0.00	-	0.00
	54	3,440	3,441	<b>19.09</b>	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
	55	4,283	4,284	<b>16.30</b>	108.5	0.00	83.64	-	-	0.00	0.00	-	0.00
	56	4,010	4,011	<b>17.15</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
	57	1,098	1,101	<b>33.11</b>	108.5	0.00	71.84	-	-	0.00	0.00	-	0.00
	58	1,559	1,561	<b>28.94</b>	108.5	0.00	74.87	-	-	0.00	0.00	-	0.00
	59	3,238	3,239	<b>19.85</b>	108.5	0.00	81.21	-	-	0.00	0.00	-	0.00
	60	3,867	3,868	<b>17.61</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00

Sum 36.03

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H115 H115

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,331	15,331	-0.44	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
2	16,857	16,857	-1.68	108.5	0.00	95.54	-	-	0.00	0.00	-	0.00
3	16,376	16,376	-1.30	108.5	0.00	95.28	-	-	0.00	0.00	-	0.00
4	16,319	16,319	-1.25	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00
5	16,007	16,007	-1.00	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
6	16,290	16,290	-1.23	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
7	15,454	15,454	-0.55	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
8	16,027	16,027	-1.02	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
9	15,101	15,101	-0.25	108.5	0.00	94.58	-	-	0.00	0.00	-	0.00
10	14,384	14,384	0.39	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
11	14,427	14,427	0.35	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
12	13,301	13,301	1.40	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
13	13,917	13,917	0.82	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
14	13,346	13,346	1.36	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
15	13,355	13,355	1.35	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
16	12,353	12,353	2.37	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
17	12,538	12,538	2.17	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
18	12,284	12,284	2.44	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
19	11,547	11,547	3.25	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
20	12,329	12,329	2.39	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
21	12,648	12,648	2.06	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
22	10,919	10,919	3.98	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
23	10,789	10,790	4.14	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
24	10,667	10,667	4.29	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
25	10,713	10,713	4.23	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
26	11,150	11,150	3.71	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
27	10,097	10,097	5.01	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
28	10,439	10,439	4.57	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
29	10,844	10,844	4.07	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
30	10,022	10,023	5.11	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
31	10,462	10,462	4.54	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
32	10,689	10,689	4.26	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
33	11,477	11,477	3.33	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
34	11,774	11,774	3.00	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
35	9,135	9,135	6.33	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
36	9,414	9,415	5.93	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
37	9,135	9,135	6.33	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
38	8,336	8,337	7.53	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
39	9,387	9,387	5.97	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
40	8,633	8,633	7.07	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
41	9,178	9,179	6.27	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
42	7,180	7,181	9.51	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
43	7,428	7,428	9.06	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
44	7,165	7,166	9.53	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
45	5,915	5,915	12.07	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
46	5,417	5,417	13.23	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
47	5,492	5,492	13.05	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
48	4,003	4,004	17.17	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
49	4,866	4,866	14.64	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
50	5,991	5,991	11.90	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
51	5,594	5,594	12.80	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
52	3,927	3,928	17.41	108.5	0.00	82.88	-	-	0.00	0.00	-	0.00
53	3,747	3,747	18.02	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
54	4,210	4,210	16.52	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
55	5,151	5,151	13.89	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
56	4,596	4,597	15.38	108.5	0.00	84.25	-	-	0.00	0.00	-	0.00
57	1,625	1,627	28.43	108.5	0.00	75.23	-	-	0.00	0.00	-	0.00
58	2,245	2,247	24.33	108.5	0.00	78.03	-	-	0.00	0.00	-	0.00
59	3,486	3,487	18.93	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
60	4,095	4,096	16.88	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00

Sum 32.06

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H116 H116

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,039	14,039	<b>0.70</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	2	15,555	15,555	<b>-0.63</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	3	15,016	15,016	<b>-0.17</b>	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
	4	15,186	15,186	<b>-0.32</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	5	14,844	14,845	<b>-0.02</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
	6	15,086	15,087	<b>-0.23</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
	7	14,284	14,284	<b>0.48</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
	8	14,742	14,742	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	9	13,846	13,846	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	10	13,149	13,149	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	11	13,092	13,092	<b>1.61</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	12	11,971	11,972	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	13	12,511	12,511	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	14	11,906	11,907	<b>2.85</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	15	11,885	11,885	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	16	11,078	11,078	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	17	11,234	11,234	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	18	10,927	10,928	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	19	10,181	10,181	<b>4.90</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	20	10,832	10,832	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	21	11,129	11,129	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	22	9,870	9,870	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	23	9,694	9,695	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	24	9,374	9,374	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	25	9,565	9,565	<b>5.72</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	26	9,898	9,898	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	27	8,814	8,815	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	28	9,085	9,085	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	29	9,421	9,422	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	30	8,561	8,562	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	31	8,990	8,990	<b>6.54</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	32	9,202	9,203	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	33	9,983	9,983	<b>5.16</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	34	10,251	10,251	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	35	8,184	8,185	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	36	8,385	8,385	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	37	8,037	8,038	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	38	7,083	7,083	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	39	8,030	8,030	<b>8.03</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	40	7,264	7,264	<b>9.35</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	41	7,756	7,756	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	42	6,041	6,042	<b>11.79</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	43	6,172	6,173	<b>11.51</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	44	5,823	5,823	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	45	4,963	4,963	<b>14.38</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	46	4,379	4,380	<b>16.01</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
	47	4,040	4,040	<b>17.05</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	48	2,521	2,522	<b>22.86</b>	108.5	0.00	79.04	-	-	0.00	0.00	-	0.00
	49	3,376	3,376	<b>19.33</b>	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
	50	4,575	4,575	<b>15.44</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	51	4,295	4,296	<b>16.26</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	52	2,485	2,486	<b>23.03</b>	108.5	0.00	78.91	-	-	0.00	0.00	-	0.00
	53	2,596	2,597	<b>22.52</b>	108.5	0.00	79.29	-	-	0.00	0.00	-	0.00
	54	3,035	3,036	<b>20.64</b>	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
	55	3,888	3,889	<b>17.54</b>	108.5	0.00	82.80	-	-	0.00	0.00	-	0.00
	56	3,603	3,604	<b>18.51</b>	108.5	0.00	82.14	-	-	0.00	0.00	-	0.00
	57	759	764	<b>37.27</b>	108.5	0.00	68.66	-	-	0.00	0.00	-	0.00
	58	1,158	1,161	<b>32.49</b>	108.5	0.00	72.30	-	-	0.00	0.00	-	0.00
	59	2,861	2,863	<b>21.36</b>	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
	60	3,487	3,488	<b>18.92</b>	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00

Sum 39.34

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H117 H117

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,494	15,494	-0.58	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
2	16,996	16,996	-1.78	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
3	16,398	16,398	-1.32	108.5	0.00	95.30	-	-	0.00	0.00	-	0.00
4	16,742	16,742	-1.59	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
5	16,386	16,386	-1.31	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
6	16,605	16,605	-1.48	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
7	15,823	15,823	-0.85	108.5	0.00	94.99	-	-	0.00	0.00	-	0.00
8	16,202	16,202	-1.16	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
9	15,331	15,331	-0.44	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
10	14,650	14,651	0.15	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
11	14,508	14,508	0.27	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
12	13,396	13,397	1.31	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
13	13,836	13,836	0.89	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
14	13,175	13,175	1.53	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
15	13,086	13,086	1.62	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
16	12,557	12,557	2.16	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
17	12,687	12,687	2.02	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
18	12,327	12,327	2.40	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
19	11,573	11,573	3.22	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
20	11,956	11,956	2.80	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
21	12,140	12,140	2.60	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
22	11,467	11,467	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
23	11,276	11,277	3.56	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
24	10,845	10,845	4.07	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
25	11,126	11,126	3.74	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
26	11,398	11,398	3.42	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
27	10,298	10,298	4.75	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
28	10,498	10,498	4.50	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
29	10,737	10,737	4.20	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
30	9,808	9,808	5.39	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
31	10,206	10,206	4.87	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
32	10,374	10,374	4.65	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
33	11,123	11,123	3.74	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
34	11,235	11,235	3.61	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
35	9,804	9,805	5.40	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
36	9,989	9,990	5.15	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
37	9,624	9,624	5.64	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
38	8,598	8,598	7.13	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
39	9,447	9,448	5.88	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
40	8,674	8,674	7.01	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
41	9,086	9,086	6.40	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
42	7,621	7,622	8.72	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
43	7,693	7,694	8.59	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
44	7,277	7,278	9.33	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
45	6,588	6,589	10.64	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
46	5,996	5,997	11.89	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
47	5,381	5,381	13.32	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
48	3,863	3,863	17.63	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
49	4,042	4,042	17.05	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
50	4,913	4,913	14.51	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
51	4,344	4,344	16.12	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
52	3,042	3,043	20.62	108.5	0.00	80.67	-	-	0.00	0.00	-	0.00
53	2,450	2,451	23.20	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
54	2,896	2,897	21.22	108.5	0.00	80.24	-	-	0.00	0.00	-	0.00
55	3,876	3,877	17.58	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
56	3,112	3,113	20.34	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
57	959	962	34.67	108.5	0.00	70.66	-	-	0.00	0.00	-	0.00
58	1,259	1,261	31.51	108.5	0.00	73.02	-	-	0.00	0.00	-	0.00
59	1,882	1,883	26.60	108.5	0.00	76.50	-	-	0.00	0.00	-	0.00
60	2,474	2,475	23.09	108.5	0.00	78.87	-	-	0.00	0.00	-	0.00

Sum 37.76

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H118 H118

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,990	14,990	-0.15	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
2	16,465	16,465	-1.37	108.5	0.00	95.33	-	-	0.00	0.00	-	0.00
3	15,785	15,785	-0.82	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00
4	16,430	16,430	-1.34	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
5	16,042	16,042	-1.03	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
6	16,209	16,209	-1.17	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
7	15,475	15,475	-0.56	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
8	15,702	15,702	-0.75	108.5	0.00	94.92	-	-	0.00	0.00	-	0.00
9	14,879	14,879	-0.05	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
10	14,232	14,232	0.52	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
11	13,951	13,951	0.78	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
12	12,860	12,860	1.84	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
13	13,170	13,170	1.53	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
14	12,452	12,452	2.26	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
15	12,297	12,297	2.43	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
16	12,111	12,111	2.63	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
17	12,197	12,197	2.53	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
18	11,764	11,764	3.01	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
19	11,006	11,006	3.88	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
20	11,110	11,110	3.76	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
21	11,205	11,205	3.64	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
22	11,306	11,306	3.53	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
23	11,069	11,069	3.80	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
24	10,401	10,401	4.62	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
25	10,862	10,862	4.05	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
26	11,000	11,000	3.89	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
27	9,881	9,881	5.29	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
28	9,971	9,971	5.18	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
29	10,085	10,085	5.03	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
30	9,094	9,094	6.39	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
31	9,457	9,457	5.87	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
32	9,583	9,583	5.70	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
33	10,297	10,297	4.75	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
34	10,290	10,290	4.76	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
35	9,773	9,773	5.44	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
36	9,875	9,875	5.30	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
37	9,446	9,447	5.89	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
38	8,263	8,263	7.65	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
39	8,940	8,940	6.61	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
40	8,168	8,168	7.80	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
41	8,473	8,473	7.32	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
42	7,457	7,457	9.01	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
43	7,387	7,387	9.13	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
44	6,866	6,866	10.10	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
45	6,652	6,652	10.52	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
46	6,011	6,011	11.86	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
47	4,885	4,885	14.59	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
48	3,479	3,479	18.95	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
49	3,080	3,081	20.47	108.5	0.00	80.77	-	-	0.00	0.00	-	0.00
50	3,740	3,741	18.04	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
51	3,094	3,094	20.41	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
52	2,126	2,127	25.04	108.5	0.00	77.56	-	-	0.00	0.00	-	0.00
53	1,235	1,237	31.74	108.5	0.00	72.85	-	-	0.00	0.00	-	0.00
54	1,646	1,648	28.27	108.5	0.00	75.34	-	-	0.00	0.00	-	0.00
55	2,622	2,623	22.40	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
56	1,820	1,821	27.02	108.5	0.00	76.21	-	-	0.00	0.00	-	0.00
57	1,381	1,383	30.41	108.5	0.00	73.81	-	-	0.00	0.00	-	0.00
58	982	984	34.40	108.5	0.00	70.86	-	-	0.00	0.00	-	0.00
59	776	780	37.03	108.5	0.00	68.84	-	-	0.00	0.00	-	0.00
60	1,403	1,405	30.22	108.5	0.00	73.96	-	-	0.00	0.00	-	0.00

Sum 41.36

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H119 H119

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,725	16,725	-1.57	108.5	0.00	95.47	-	-	0.00	0.00	-	0.00
	2	18,088	18,088	-2.59	108.5	0.00	96.15	-	-	0.00	0.00	-	0.00
	3	17,200	17,200	-1.94	108.5	0.00	95.71	-	-	0.00	0.00	-	0.00
	4	18,590	18,591	-2.94	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
	5	18,138	18,138	-2.63	108.5	0.00	96.17	-	-	0.00	0.00	-	0.00
	6	18,180	18,180	-2.66	108.5	0.00	96.19	-	-	0.00	0.00	-	0.00
	7	17,575	17,575	-2.22	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00
	8	17,428	17,428	-2.11	108.5	0.00	95.83	-	-	0.00	0.00	-	0.00
	9	16,748	16,748	-1.59	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
	10	16,200	16,200	-1.16	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
	11	15,579	15,579	-0.65	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
	12	14,581	14,581	0.21	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	13	14,515	14,515	0.27	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	14	13,654	13,654	1.06	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	15	13,293	13,293	1.41	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	16	14,086	14,087	0.66	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	17	14,064	14,064	0.68	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	18	13,460	13,460	1.25	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	19	12,729	12,729	1.98	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	20	11,968	11,968	2.78	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	21	11,721	11,721	3.06	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	22	13,908	13,908	0.82	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	23	13,593	13,593	1.12	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	24	12,459	12,460	2.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	25	13,283	13,283	1.42	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	26	13,134	13,134	1.57	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	27	12,027	12,027	2.72	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	28	11,853	11,853	2.91	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	29	11,630	11,630	3.16	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	30	10,528	10,528	4.46	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	31	10,757	10,757	4.18	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	32	10,737	10,737	4.20	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	33	11,279	11,280	3.56	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	34	10,822	10,822	4.10	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	35	12,644	12,645	2.06	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	36	12,610	12,610	2.10	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	37	12,090	12,090	2.65	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	38	10,677	10,677	4.28	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	39	10,934	10,934	3.97	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	40	10,223	10,224	4.85	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	41	10,238	10,238	4.83	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	42	10,227	10,227	4.84	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	43	9,917	9,917	5.25	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	44	9,236	9,237	6.18	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	45	9,787	9,788	5.42	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	46	9,123	9,123	6.34	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	47	7,328	7,329	9.24	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	48	6,358	6,359	11.11	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	49	4,889	4,890	14.57	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	50	4,350	4,351	16.10	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	51	3,463	3,464	19.01	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
	52	4,525	4,526	15.58	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	53	3,488	3,489	18.92	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	54	3,276	3,277	19.70	108.5	0.00	81.31	-	-	0.00	0.00	-	0.00
	55	3,302	3,303	19.60	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
	56	2,472	2,473	23.09	108.5	0.00	78.87	-	-	0.00	0.00	-	0.00
	57	5,052	5,053	14.14	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	58	4,593	4,594	15.39	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
	59	2,906	2,908	21.17	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
	60	2,275	2,277	24.16	108.5	0.00	78.15	-	-	0.00	0.00	-	0.00

Sum 30.81



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H147 H147

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,451	14,451	<b>0.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
2	15,804	15,804	<b>-0.84</b>	108.5	0.00	94.98	-	-	0.00	0.00	-	0.00
3	14,910	14,910	<b>-0.08</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
4	16,369	16,369	<b>-1.29</b>	108.5	0.00	95.28	-	-	0.00	0.00	-	0.00
5	15,906	15,906	<b>-0.92</b>	108.5	0.00	95.03	-	-	0.00	0.00	-	0.00
6	15,929	15,930	<b>-0.94</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
7	15,346	15,346	<b>-0.46</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
8	15,152	15,152	<b>-0.29</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
9	14,488	14,488	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
10	13,955	13,955	<b>0.78</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
11	13,299	13,299	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
12	12,311	12,311	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
13	12,225	12,225	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
14	11,364	11,364	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
15	11,010	11,010	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
16	11,851	11,852	<b>2.91</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
17	11,813	11,813	<b>2.95</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
18	11,191	11,191	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
19	10,466	10,466	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
20	9,690	9,690	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
21	9,478	9,478	<b>5.84</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
22	11,837	11,837	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
23	11,497	11,498	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
24	10,251	10,251	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
25	11,157	11,158	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
26	10,936	10,936	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
27	9,841	9,842	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
28	9,617	9,617	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
29	9,354	9,354	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
30	8,249	8,249	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
31	8,470	8,470	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
32	8,447	8,447	<b>7.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
33	8,993	8,993	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
34	8,571	8,571	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
35	10,709	10,709	<b>4.24</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
36	10,610	10,610	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
37	10,059	10,059	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
38	8,587	8,587	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
39	8,727	8,728	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
40	8,040	8,040	<b>8.01</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
41	7,999	7,999	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
42	8,291	8,292	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
43	7,885	7,886	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
44	7,165	7,166	<b>9.53</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
45	8,083	8,083	<b>7.94</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
46	7,428	7,428	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
47	5,366	5,366	<b>13.35</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
48	4,702	4,702	<b>15.08</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
49	2,933	2,934	<b>21.06</b>	108.5	0.00	80.35	-	-	0.00	0.00	-	0.00
50	2,103	2,104	<b>25.19</b>	108.5	0.00	77.46	-	-	0.00	0.00	-	0.00
51	1,294	1,296	<b>31.19</b>	108.5	0.00	73.25	-	-	0.00	0.00	-	0.00
52	2,950	2,951	<b>20.99</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
53	2,385	2,386	<b>23.55</b>	108.5	0.00	78.55	-	-	0.00	0.00	-	0.00
54	1,951	1,953	<b>26.14</b>	108.5	0.00	76.81	-	-	0.00	0.00	-	0.00
55	1,349	1,351	<b>30.69</b>	108.5	0.00	73.62	-	-	0.00	0.00	-	0.00
56	1,489	1,490	<b>29.50</b>	108.5	0.00	74.47	-	-	0.00	0.00	-	0.00
57	4,489	4,490	<b>15.69</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
58	3,886	3,887	<b>17.55</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
59	2,828	2,829	<b>21.50</b>	108.5	0.00	80.03	-	-	0.00	0.00	-	0.00
60	2,458	2,460	<b>23.16</b>	108.5	0.00	78.82	-	-	0.00	0.00	-	0.00

Sum 37.20

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H148 H148

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,789	13,789	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
2	15,159	15,159	<b>-0.30</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
3	14,291	14,291	<b>0.47</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
4	15,665	15,665	<b>-0.72</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
5	15,207	15,207	<b>-0.34</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
6	15,243	15,243	<b>-0.37</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
7	14,646	14,646	<b>0.15</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
8	14,493	14,493	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
9	13,809	13,810	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
10	13,264	13,264	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
11	12,647	12,647	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
12	11,644	11,644	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
13	11,607	11,607	<b>3.18</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
14	10,765	10,765	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
15	10,441	10,441	<b>4.57</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
16	11,154	11,154	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
17	11,127	11,127	<b>3.74</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
18	10,522	10,522	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
19	9,790	9,790	<b>5.42</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
20	9,138	9,138	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
21	8,989	8,989	<b>6.54</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
22	11,093	11,093	<b>3.78</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
23	10,757	10,757	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
24	9,539	9,539	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
25	10,421	10,422	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
26	10,220	10,220	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
27	9,120	9,121	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
28	8,919	8,919	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
29	8,695	8,695	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
30	7,596	7,596	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
31	7,838	7,838	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
32	7,837	7,837	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
33	8,415	8,415	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
34	8,073	8,073	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
35	9,960	9,960	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
36	9,861	9,862	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
37	9,312	9,312	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
38	7,844	7,845	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
39	8,014	8,014	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
40	7,317	7,318	<b>9.26</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
41	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
42	7,542	7,543	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
43	7,137	7,138	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
44	6,420	6,420	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
45	7,353	7,354	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
46	6,701	6,702	<b>10.42</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
47	4,617	4,618	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
48	3,996	3,997	<b>17.19</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
49	2,191	2,192	<b>24.65</b>	108.5	0.00	77.82	-	-	0.00	0.00	-	0.00
50	1,412	1,414	<b>30.15</b>	108.5	0.00	74.01	-	-	0.00	0.00	-	0.00
51	548	551	<b>40.80</b>	108.5	0.00	65.83	-	-	0.00	0.00	-	0.00
52	2,304	2,305	<b>24.00</b>	108.5	0.00	78.25	-	-	0.00	0.00	-	0.00
53	1,976	1,977	<b>25.98</b>	108.5	0.00	76.92	-	-	0.00	0.00	-	0.00
54	1,513	1,514	<b>29.31</b>	108.5	0.00	74.60	-	-	0.00	0.00	-	0.00
55	670	674	<b>38.64</b>	108.5	0.00	67.57	-	-	0.00	0.00	-	0.00
56	1,379	1,381	<b>30.43</b>	108.5	0.00	73.80	-	-	0.00	0.00	-	0.00
57	4,107	4,108	<b>16.84</b>	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
58	3,488	3,489	<b>18.92</b>	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
59	2,761	2,762	<b>21.79</b>	108.5	0.00	79.82	-	-	0.00	0.00	-	0.00
60	2,550	2,551	<b>22.73</b>	108.5	0.00	79.13	-	-	0.00	0.00	-	0.00

Sum 43.80

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H149 H149

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,718	13,718	<b>1.00</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
2	15,136	15,136	<b>-0.28</b>	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
3	14,342	14,342	<b>0.42</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
4	15,436	15,436	<b>-0.53</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
5	15,002	15,002	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
6	15,087	15,087	<b>-0.23</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
7	14,436	14,436	<b>0.34</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
8	14,428	14,428	<b>0.35</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
9	13,687	13,687	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
10	13,099	13,100	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
11	12,611	12,612	<b>2.10</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
12	11,567	11,567	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
13	11,674	11,674	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
14	10,882	10,882	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
15	10,633	10,633	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
16	10,971	10,972	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
17	10,988	10,988	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
18	10,447	10,448	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
19	9,699	9,699	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
20	9,377	9,377	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
21	9,349	9,349	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
22	10,645	10,645	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
23	10,339	10,339	<b>4.70</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
24	9,306	9,306	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
25	10,044	10,045	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
26	9,963	9,963	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
27	8,845	8,845	<b>6.75</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
28	8,753	8,753	<b>6.89</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
29	8,665	8,666	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
30	7,600	7,600	<b>8.76</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
31	7,899	7,900	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
32	7,957	7,957	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
33	8,605	8,605	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
34	8,428	8,428	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
35	9,374	9,374	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
36	9,337	9,337	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
37	8,820	8,820	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
38	7,428	7,428	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
39	7,787	7,787	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
40	7,050	7,050	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
41	7,163	7,163	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
42	6,954	6,955	<b>9.93</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
43	6,650	6,650	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
44	5,984	5,985	<b>11.91</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
45	6,587	6,588	<b>10.65</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
46	5,925	5,925	<b>12.05</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
47	4,056	4,057	<b>17.00</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
48	3,161	3,162	<b>20.14</b>	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
49	1,638	1,640	<b>28.33</b>	108.5	0.00	75.30	-	-	0.00	0.00	-	0.00
50	1,678	1,679	<b>28.04</b>	108.5	0.00	75.50	-	-	0.00	0.00	-	0.00
51	963	967	<b>34.61</b>	108.5	0.00	70.71	-	-	0.00	0.00	-	0.00
52	1,349	1,352	<b>30.68</b>	108.5	0.00	73.62	-	-	0.00	0.00	-	0.00
53	937	941	<b>34.92</b>	108.5	0.00	70.47	-	-	0.00	0.00	-	0.00
54	487	494	<b>41.95</b>	108.5	0.00	64.88	-	-	0.00	0.00	-	0.00
55	494	503	<b>41.77</b>	108.5	0.00	65.03	-	-	0.00	0.00	-	0.00
56	915	918	<b>35.20</b>	108.5	0.00	70.26	-	-	0.00	0.00	-	0.00
57	3,047	3,048	<b>20.60</b>	108.5	0.00	80.68	-	-	0.00	0.00	-	0.00
58	2,426	2,428	<b>23.32</b>	108.5	0.00	78.70	-	-	0.00	0.00	-	0.00
59	2,011	2,014	<b>25.75</b>	108.5	0.00	77.08	-	-	0.00	0.00	-	0.00
60	2,034	2,036	<b>25.61</b>	108.5	0.00	77.17	-	-	0.00	0.00	-	0.00

Sum 46.43

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H150 H150

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,147	13,147	<b>1.56</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
2	14,571	14,571	<b>0.22</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
3	13,791	13,791	<b>0.93</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
4	14,850	14,850	<b>-0.03</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
5	14,417	14,417	<b>0.36</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
6	14,506	14,506	<b>0.28</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
7	13,851	13,851	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
8	13,858	13,858	<b>0.87</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
9	13,110	13,110	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
10	12,518	12,518	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
11	12,046	12,047	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
12	10,996	10,996	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
13	11,129	11,129	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
14	10,348	10,348	<b>4.69</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
15	10,119	10,120	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
16	10,390	10,390	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
17	10,411	10,411	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
18	9,878	9,878	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
19	9,128	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
20	8,879	8,879	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
21	8,893	8,893	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
22	10,061	10,061	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
23	9,753	9,753	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
24	8,721	8,722	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
25	9,457	9,457	<b>5.87</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
26	9,377	9,377	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
27	8,258	8,258	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
28	8,174	8,174	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
29	8,105	8,106	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
30	7,048	7,049	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
31	7,359	7,359	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
32	7,430	7,430	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
33	8,095	8,095	<b>7.92</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
34	7,973	7,973	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
35	8,807	8,808	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
36	8,760	8,761	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
37	8,239	8,240	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
38	6,841	6,841	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
39	7,203	7,203	<b>9.46</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
40	6,464	6,465	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
41	6,588	6,589	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
42	6,386	6,387	<b>11.06</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
43	6,067	6,068	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
44	5,397	5,398	<b>13.27</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
45	6,069	6,070	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
46	5,410	5,411	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
47	3,478	3,479	<b>18.96</b>	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
48	2,668	2,669	<b>22.20</b>	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00
49	1,050	1,052	<b>33.63</b>	108.5	0.00	71.44	-	-	0.00	0.00	-	0.00
50	1,360	1,362	<b>30.59</b>	108.5	0.00	73.69	-	-	0.00	0.00	-	0.00
51	987	990	<b>34.34</b>	108.5	0.00	70.91	-	-	0.00	0.00	-	0.00
52	959	962	<b>34.66</b>	108.5	0.00	70.67	-	-	0.00	0.00	-	0.00
53	1,164	1,167	<b>32.43</b>	108.5	0.00	72.34	-	-	0.00	0.00	-	0.00
54	862	866	<b>35.86</b>	108.5	0.00	69.75	-	-	0.00	0.00	-	0.00
55	691	697	<b>38.27</b>	108.5	0.00	67.87	-	-	0.00	0.00	-	0.00
56	1,495	1,496	<b>29.45</b>	108.5	0.00	74.50	-	-	0.00	0.00	-	0.00
57	3,064	3,065	<b>20.53</b>	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00
58	2,453	2,455	<b>23.18</b>	108.5	0.00	78.80	-	-	0.00	0.00	-	0.00
59	2,437	2,439	<b>23.26</b>	108.5	0.00	78.74	-	-	0.00	0.00	-	0.00
60	2,555	2,557	<b>22.71</b>	108.5	0.00	79.15	-	-	0.00	0.00	-	0.00

Sum 43.71

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H151 H151

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,902	13,902	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
2	15,406	15,406	<b>-0.51</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
3	14,818	14,818	<b>0.00</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
4	15,164	15,164	<b>-0.30</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
5	14,803	14,803	<b>0.01</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
6	15,015	15,015	<b>-0.17</b>	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
7	14,239	14,239	<b>0.52</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
8	14,610	14,610	<b>0.18</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
9	13,739	13,739	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
10	13,059	13,059	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
11	12,921	12,921	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
12	11,808	11,808	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
13	12,271	12,271	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
14	11,629	11,629	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
15	11,568	11,568	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
16	10,964	10,964	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
17	11,095	11,095	<b>3.77</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
18	10,742	10,743	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
19	9,989	9,989	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
20	10,473	10,473	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
21	10,718	10,718	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
22	9,921	9,921	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
23	9,717	9,717	<b>5.51</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
24	9,252	9,252	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
25	9,553	9,553	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
26	9,807	9,807	<b>5.39</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
27	8,706	8,706	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
28	8,910	8,911	<b>6.66</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
29	9,172	9,173	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
30	8,266	8,267	<b>7.65</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
31	8,678	8,678	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
32	8,866	8,866	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
33	9,631	9,631	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
34	9,827	9,827	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
35	8,306	8,306	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
36	8,457	8,458	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
37	8,070	8,071	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
38	7,010	7,011	<b>9.82</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
39	7,858	7,859	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
40	7,085	7,086	<b>9.68</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
41	7,515	7,516	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
42	6,067	6,068	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
43	6,108	6,109	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
44	5,685	5,686	<b>12.59</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
45	5,127	5,128	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
46	4,506	4,507	<b>15.64</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
47	3,800	3,800	<b>17.84</b>	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
48	2,275	2,276	<b>24.16</b>	108.5	0.00	78.15	-	-	0.00	0.00	-	0.00
49	2,804	2,805	<b>21.60</b>	108.5	0.00	79.96	-	-	0.00	0.00	-	0.00
50	3,949	3,950	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
51	3,641	3,641	<b>18.38</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
52	1,869	1,871	<b>26.68</b>	108.5	0.00	76.44	-	-	0.00	0.00	-	0.00
53	1,948	1,949	<b>26.16</b>	108.5	0.00	76.80	-	-	0.00	0.00	-	0.00
54	2,381	2,382	<b>23.57</b>	108.5	0.00	78.54	-	-	0.00	0.00	-	0.00
55	3,230	3,231	<b>19.88</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
56	2,974	2,975	<b>20.89</b>	108.5	0.00	80.47	-	-	0.00	0.00	-	0.00
57	652	658	<b>38.90</b>	108.5	0.00	67.36	-	-	0.00	0.00	-	0.00
58	625	631	<b>39.36</b>	108.5	0.00	67.00	-	-	0.00	0.00	-	0.00
59	2,366	2,368	<b>23.65</b>	108.5	0.00	78.49	-	-	0.00	0.00	-	0.00
60	2,971	2,973	<b>20.90</b>	108.5	0.00	80.46	-	-	0.00	0.00	-	0.00

Sum 42.77

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H152 H152

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,765	13,765	<b>0.96</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	2	15,283	15,283	<b>-0.40</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
	3	14,762	14,762	<b>0.05</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
	4	14,880	14,880	<b>-0.06</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	5	14,543	14,543	<b>0.24</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	6	14,792	14,792	<b>0.02</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	7	13,983	13,984	<b>0.75</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	8	14,466	14,466	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	9	13,562	13,562	<b>1.15</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
	10	12,860	12,861	<b>1.84</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	11	12,829	12,829	<b>1.88</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	12	11,707	11,707	<b>3.07</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	13	12,274	12,274	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	14	11,686	11,686	<b>3.09</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	15	11,683	11,683	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	16	10,798	10,798	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	17	10,962	10,962	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	18	10,671	10,671	<b>4.28</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	19	9,928	9,928	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	20	10,651	10,651	<b>4.31</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	21	10,977	10,977	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	22	9,550	9,551	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	23	9,380	9,381	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	24	9,097	9,098	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	25	9,259	9,259	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	26	9,612	9,612	<b>5.66</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	27	8,535	8,535	<b>7.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	28	8,827	8,827	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	29	9,191	9,191	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	30	8,353	8,353	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	31	8,789	8,789	<b>6.84</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	32	9,013	9,013	<b>6.51</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	33	9,800	9,800	<b>5.40</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	34	10,107	10,108	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	35	7,854	7,855	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	36	8,062	8,062	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	37	7,723	7,723	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	38	6,795	6,795	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	39	7,772	7,773	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	40	7,010	7,010	<b>9.82</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	41	7,525	7,525	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	42	5,730	5,730	<b>12.49</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	43	5,883	5,884	<b>12.14</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	44	5,558	5,558	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	45	4,629	4,630	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	46	4,051	4,052	<b>17.01</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	47	3,822	3,823	<b>17.76</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	48	2,326	2,327	<b>23.87</b>	108.5	0.00	78.34	-	-	0.00	0.00	-	0.00
	49	3,369	3,370	<b>19.36</b>	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
	50	4,622	4,622	<b>15.31</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	51	4,408	4,409	<b>15.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	52	2,538	2,539	<b>22.79</b>	108.5	0.00	79.09	-	-	0.00	0.00	-	0.00
	53	2,790	2,791	<b>21.66</b>	108.5	0.00	79.92	-	-	0.00	0.00	-	0.00
	54	3,212	3,213	<b>19.95</b>	108.5	0.00	81.14	-	-	0.00	0.00	-	0.00
	55	4,020	4,021	<b>17.11</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
	56	3,825	3,826	<b>17.75</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	57	1,094	1,098	<b>33.14</b>	108.5	0.00	71.81	-	-	0.00	0.00	-	0.00
	58	1,429	1,432	<b>29.99</b>	108.5	0.00	74.12	-	-	0.00	0.00	-	0.00
	59	3,161	3,162	<b>20.15</b>	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
	60	3,780	3,781	<b>17.90</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00

Sum 36.55

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H153 H153

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,116	12,116	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
2	13,650	13,650	<b>1.07</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
3	13,263	13,263	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
4	12,976	12,976	<b>1.73</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
5	12,678	12,678	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
6	12,985	12,985	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
7	12,130	12,130	<b>2.61</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
8	12,800	12,800	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
9	11,845	11,845	<b>2.92</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
10	11,111	11,111	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
11	11,281	11,281	<b>3.56</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
12	10,155	10,156	<b>4.93</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
13	10,930	10,930	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
14	10,471	10,471	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
15	10,604	10,604	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
16	9,133	9,133	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
17	9,358	9,358	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
18	9,198	9,199	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
19	8,492	8,492	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
20	9,752	9,752	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
21	10,276	10,276	<b>4.78</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
22	7,561	7,561	<b>8.82</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
23	7,443	7,443	<b>9.03</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
24	7,489	7,490	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
25	7,391	7,391	<b>9.12</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
26	7,913	7,913	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
27	6,910	6,911	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
28	7,375	7,375	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
29	7,954	7,954	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
30	7,305	7,306	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
31	7,784	7,785	<b>8.44</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
32	8,088	8,088	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
33	8,903	8,903	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
34	9,487	9,487	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
35	5,775	5,776	<b>12.38</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
36	6,055	6,055	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
37	5,795	5,795	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
38	5,140	5,141	<b>13.92</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
39	6,352	6,352	<b>11.13</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
40	5,649	5,650	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
41	6,334	6,335	<b>11.16</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
42	3,884	3,885	<b>17.56</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
43	4,259	4,260	<b>16.37</b>	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
44	4,179	4,180	<b>16.61</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
45	2,553	2,554	<b>22.72</b>	108.5	0.00	79.14	-	-	0.00	0.00	-	0.00
46	2,087	2,088	<b>25.28</b>	108.5	0.00	77.40	-	-	0.00	0.00	-	0.00
47	3,092	3,092	<b>20.42</b>	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
48	2,270	2,271	<b>24.20</b>	108.5	0.00	78.12	-	-	0.00	0.00	-	0.00
49	4,129	4,130	<b>16.77</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
50	5,504	5,505	<b>13.02</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
51	5,644	5,645	<b>12.69</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
52	3,747	3,747	<b>18.01</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
53	4,517	4,517	<b>15.61</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
54	4,836	4,837	<b>14.72</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
55	5,380	5,381	<b>13.32</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
56	5,585	5,586	<b>12.83</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
57	3,293	3,294	<b>19.64</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
58	3,503	3,504	<b>18.86</b>	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
59	5,234	5,235	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
60	5,821	5,822	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00

Sum 32.49

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H154 H154

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,609	13,609	1.11	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
2	15,143	15,143	-0.28	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
3	14,791	14,791	0.02	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
4	14,343	14,343	0.42	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
5	14,071	14,072	0.67	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
6	14,410	14,410	0.36	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
7	13,532	13,532	1.18	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
8	14,285	14,285	0.48	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
9	13,314	13,314	1.39	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
10	12,569	12,569	2.14	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
11	12,803	12,803	1.90	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
12	11,680	11,680	3.10	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
13	12,485	12,485	2.23	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
14	12,034	12,034	2.71	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
15	12,167	12,167	2.57	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
16	10,631	10,631	4.33	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
17	10,872	10,872	4.04	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
18	10,740	10,740	4.20	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
19	10,041	10,041	5.08	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
20	11,301	11,302	3.53	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
21	11,801	11,801	2.97	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
22	8,894	8,894	6.68	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
23	8,819	8,819	6.79	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
24	9,011	9,011	6.51	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
25	8,812	8,813	6.80	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
26	9,406	9,406	5.94	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
27	8,430	8,431	7.39	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
28	8,924	8,925	6.63	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
29	9,517	9,517	5.79	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
30	8,863	8,863	6.73	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
31	9,340	9,340	6.04	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
32	9,636	9,636	5.62	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
33	10,451	10,451	4.56	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
34	10,995	10,995	3.89	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
35	7,037	7,038	9.77	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
36	7,391	7,392	9.12	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
37	7,198	7,198	9.47	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
38	6,666	6,667	10.49	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
39	7,908	7,908	8.23	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
40	7,211	7,212	9.45	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
41	7,897	7,898	8.25	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
42	5,365	5,365	13.36	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
43	5,800	5,800	12.33	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
44	5,743	5,743	12.46	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
45	3,920	3,921	17.44	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
46	3,567	3,568	18.64	108.5	0.00	82.05	-	-	0.00	0.00	-	0.00
47	4,551	4,551	15.51	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
48	3,431	3,432	19.13	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
49	5,054	5,055	14.14	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
50	6,405	6,405	11.02	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
51	6,338	6,338	11.16	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
52	4,405	4,406	15.93	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
53	4,833	4,833	14.73	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
54	5,241	5,241	13.66	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
55	5,987	5,988	11.91	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
56	5,877	5,877	12.15	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
57	3,013	3,014	20.73	108.5	0.00	80.58	-	-	0.00	0.00	-	0.00
58	3,467	3,468	18.99	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
59	5,160	5,160	13.87	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
60	5,789	5,789	12.35	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00

Sum 29.38



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H155 H155

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,081	13,081	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
2	14,612	14,612	<b>0.18</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
3	14,340	14,340	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
4	13,645	13,645	<b>1.07</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
5	13,402	13,402	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
6	13,776	13,776	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
7	12,873	12,874	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
8	13,740	13,740	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
9	12,746	12,746	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
10	11,987	11,988	<b>2.76</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
11	12,340	12,340	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
12	11,228	11,228	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
13	12,139	12,139	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
14	11,761	11,761	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
15	11,960	11,960	<b>2.79</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
16	10,126	10,126	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
17	10,400	10,400	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
18	10,346	10,346	<b>4.69</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
19	9,677	9,677	<b>5.57</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
20	11,191	11,191	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
21	11,777	11,777	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
22	8,192	8,192	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
23	8,160	8,160	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
24	8,568	8,568	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
25	8,205	8,205	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
26	8,900	8,900	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
27	7,990	7,991	<b>8.09</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
28	8,573	8,573	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
29	9,268	9,268	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
30	8,720	8,720	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
31	9,208	9,208	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
32	9,537	9,537	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
33	10,352	10,352	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
34	11,016	11,016	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
35	6,296	6,297	<b>11.24</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
36	6,708	6,709	<b>10.40</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
37	6,586	6,586	<b>10.65</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
38	6,261	6,262	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
39	7,597	7,598	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
40	6,953	6,953	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
41	7,706	7,706	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
42	4,896	4,896	<b>14.56</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
43	5,452	5,452	<b>13.14</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
44	5,534	5,535	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
45	3,366	3,367	<b>19.37</b>	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
46	3,174	3,175	<b>20.10</b>	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
47	4,693	4,694	<b>15.11</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
48	3,861	3,862	<b>17.63</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
49	5,656	5,657	<b>12.66</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
50	7,031	7,031	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
51	7,073	7,073	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
52	5,137	5,137	<b>13.93</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
53	5,706	5,707	<b>12.54</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
54	6,088	6,088	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
55	6,759	6,760	<b>10.31</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
56	6,769	6,769	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
57	4,014	4,015	<b>17.13</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
58	4,423	4,424	<b>15.88</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
59	6,145	6,145	<b>11.56</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
60	6,769	6,770	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00

Sum 28.78

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H156 H156

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,610	12,610	<b>2.10</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
2	14,139	14,139	<b>0.61</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
3	13,891	13,891	<b>0.84</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
4	13,132	13,132	<b>1.57</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
5	12,895	12,895	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
6	13,277	13,277	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
7	12,369	12,370	<b>2.35</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
8	13,264	13,264	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
9	12,264	12,265	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
10	11,503	11,503	<b>3.30</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
11	11,890	11,890	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
12	10,783	10,783	<b>4.15</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
13	11,728	11,728	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
14	11,378	11,378	<b>3.44</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
15	11,602	11,602	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
16	9,665	9,666	<b>5.58</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
17	9,950	9,950	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
18	9,921	9,921	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
19	9,265	9,265	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
20	10,874	10,874	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
21	11,495	11,495	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
22	7,682	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
23	7,659	7,660	<b>8.65</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
24	8,131	8,131	<b>7.86</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
25	7,718	7,718	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
26	8,442	8,442	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
27	7,556	7,556	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
28	8,167	8,168	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
29	8,899	8,899	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
30	8,396	8,396	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
31	8,888	8,888	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
32	9,229	9,229	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
33	10,042	10,042	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
34	10,755	10,755	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
35	5,781	5,781	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
36	6,205	6,205	<b>11.44</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
37	6,101	6,102	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
38	5,847	5,847	<b>12.22</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
39	7,211	7,212	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
40	6,591	6,592	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
41	7,367	7,368	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
42	4,467	4,467	<b>15.75</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
43	5,065	5,065	<b>14.11</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
44	5,204	5,204	<b>13.76</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
45	2,922	2,924	<b>21.11</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
46	2,802	2,803	<b>21.61</b>	108.5	0.00	79.95	-	-	0.00	0.00	-	0.00
47	4,538	4,539	<b>15.55</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
48	3,873	3,873	<b>17.59</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
49	5,730	5,730	<b>12.49</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
50	7,106	7,106	<b>9.64</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
51	7,215	7,215	<b>9.44</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
52	5,294	5,294	<b>13.53</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
53	5,953	5,954	<b>11.98</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
54	6,312	6,313	<b>11.21</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
55	6,928	6,928	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
56	7,023	7,023	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
57	4,381	4,382	<b>16.00</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
58	4,745	4,746	<b>14.97</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
59	6,483	6,484	<b>10.86</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
60	7,100	7,101	<b>9.65</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00

Sum 29.36

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H157 H157

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,474	13,474	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	2	15,002	15,002	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	3	14,758	14,758	<b>0.05</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
	4	13,964	13,964	<b>0.77</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	5	13,735	13,736	<b>0.99</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	6	14,126	14,126	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	7	13,213	13,213	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	8	14,127	14,127	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	9	13,125	13,125	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	10	12,362	12,362	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	11	12,757	12,757	<b>1.95</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	12	11,649	11,649	<b>3.14</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	13	12,588	12,588	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	14	12,226	12,226	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	15	12,438	12,438	<b>2.28</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	16	10,531	10,531	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	17	10,816	10,816	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	18	10,784	10,784	<b>4.15</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	19	10,124	10,125	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	20	11,683	11,683	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	21	12,278	12,278	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	22	8,520	8,520	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	23	8,509	8,509	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	24	8,996	8,996	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	25	8,577	8,577	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	26	9,308	9,308	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	27	8,421	8,421	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	28	9,025	9,025	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	29	9,740	9,740	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	30	9,210	9,210	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	31	9,699	9,699	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	32	10,031	10,031	<b>5.10</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	33	10,846	10,846	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	34	11,520	11,520	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	35	6,611	6,612	<b>10.60</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	36	7,052	7,052	<b>9.75</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	37	6,962	6,962	<b>9.92</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	38	6,706	6,707	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	39	8,061	8,061	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	40	7,428	7,428	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	41	8,191	8,191	<b>7.77</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	42	5,330	5,330	<b>13.44</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	43	5,914	5,914	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	44	6,020	6,021	<b>11.83</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	45	3,788	3,788	<b>17.88</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
	46	3,641	3,641	<b>18.38</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	47	5,202	5,203	<b>13.76</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	48	4,344	4,345	<b>16.11</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	49	6,112	6,112	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	50	7,483	7,484	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	51	7,492	7,492	<b>8.94</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	52	5,553	5,554	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	53	6,061	6,062	<b>11.75</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	54	6,457	6,458	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	55	7,164	7,164	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	56	7,114	7,115	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	57	4,268	4,268	<b>16.34</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	58	4,721	4,721	<b>15.03</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	59	6,415	6,416	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	60	7,044	7,045	<b>9.76</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00

Sum 27.73

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H161 H161

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,983	11,983	2.77	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
2	13,361	13,361	1.35	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
3	13,577	13,577	1.14	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
4	11,415	11,415	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
5	11,386	11,386	3.44	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
6	11,960	11,960	2.79	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
7	10,983	10,983	3.91	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
8	12,482	12,482	2.23	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
9	11,443	11,443	3.37	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
10	10,685	10,685	4.27	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
11	11,707	11,707	3.07	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
12	10,790	10,790	4.14	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
13	12,168	12,168	2.57	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
14	12,209	12,209	2.52	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
15	12,717	12,717	1.99	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
16	9,547	9,547	5.75	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
17	9,968	9,968	5.18	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
18	10,349	10,349	4.69	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
19	9,954	9,954	5.20	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
20	12,488	12,488	2.23	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
21	13,399	13,399	1.31	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
22	6,761	6,761	10.30	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
23	7,033	7,033	9.78	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
24	8,639	8,639	7.06	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
25	7,403	7,403	9.10	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
26	8,547	8,547	7.21	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
27	8,212	8,212	7.73	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
28	9,118	9,118	6.35	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
29	10,184	10,184	4.90	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
30	10,218	10,218	4.85	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
31	10,675	10,675	4.28	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
32	11,096	11,096	3.77	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
33	11,804	11,804	2.96	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
34	12,909	12,909	1.79	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
35	5,244	5,244	13.65	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
36	5,889	5,889	12.13	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
37	6,268	6,269	11.30	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
38	7,179	7,179	9.51	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
39	8,568	8,568	7.17	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
40	8,331	8,331	7.54	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
41	9,193	9,193	6.24	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
42	6,101	6,102	11.66	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
43	6,938	6,939	9.96	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
44	7,556	7,556	8.83	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
45	5,213	5,214	13.73	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
46	5,740	5,740	12.47	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
47	8,133	8,133	7.86	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
48	8,192	8,192	7.77	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
49	10,088	10,088	5.02	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
50	11,401	11,401	3.42	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
51	11,719	11,719	3.06	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
52	9,900	9,900	5.27	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
53	10,723	10,723	4.22	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
54	11,036	11,036	3.84	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
55	11,511	11,512	3.29	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
56	11,791	11,791	2.98	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
57	9,271	9,272	6.13	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
58	9,616	9,616	5.65	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
59	11,360	11,360	3.47	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
60	11,970	11,970	2.78	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00

Sum 24.83

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H163 H163

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,020	11,020	<b>3.86</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
2	12,496	12,496	<b>2.22</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
3	12,495	12,495	<b>2.22</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
4	11,011	11,011	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
5	10,865	10,866	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
6	11,346	11,347	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
7	10,388	10,388	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
8	11,604	11,604	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
9	10,564	10,564	<b>4.42</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
10	9,787	9,787	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
11	10,530	10,530	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
12	9,506	9,506	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
13	10,731	10,731	<b>4.21</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
14	10,618	10,618	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
15	11,030	11,030	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
16	8,282	8,282	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
17	8,655	8,656	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
18	8,873	8,873	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
19	8,361	8,361	<b>7.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
20	10,624	10,624	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
21	11,459	11,459	<b>3.35</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
22	5,765	5,766	<b>12.41</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
23	5,899	5,899	<b>12.10</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
24	7,070	7,070	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
25	6,137	6,137	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
26	7,144	7,144	<b>9.57</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
27	6,565	6,565	<b>10.69</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
28	7,397	7,397	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
29	8,379	8,379	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
30	8,242	8,242	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
31	8,721	8,721	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
32	9,127	9,127	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
33	9,881	9,881	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
34	10,888	10,888	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
35	3,917	3,917	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
36	4,514	4,515	<b>15.62</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
37	4,701	4,701	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
38	5,233	5,234	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
39	6,684	6,684	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
40	6,318	6,318	<b>11.20</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
41	7,186	7,187	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
42	3,989	3,990	<b>17.21</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
43	4,821	4,821	<b>14.76</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
44	5,356	5,357	<b>13.38</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
45	2,893	2,894	<b>21.23</b>	108.5	0.00	80.23	-	-	0.00	0.00	-	0.00
46	3,385	3,385	<b>19.30</b>	108.5	0.00	81.59	-	-	0.00	0.00	-	0.00
47	5,776	5,776	<b>12.38</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
48	5,849	5,849	<b>12.22</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
49	7,737	7,737	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
50	9,040	9,040	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
51	9,378	9,378	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
52	7,592	7,592	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
53	8,470	8,470	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
54	8,758	8,759	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
55	9,187	9,187	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
56	9,530	9,530	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
57	7,190	7,191	<b>9.49</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
58	7,467	7,467	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
59	9,206	9,206	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
60	9,799	9,799	<b>5.40</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00

Sum 28.92

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H165 H165

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,035	12,035	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
2	13,559	13,559	<b>1.15</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
3	13,354	13,354	<b>1.35</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
4	12,475	12,476	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
5	12,251	12,251	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
6	12,648	12,648	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
7	11,731	11,731	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
8	12,679	12,679	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
9	11,670	11,670	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
10	10,903	10,903	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
11	11,352	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
12	10,255	10,255	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
13	11,258	11,258	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
14	10,953	10,953	<b>3.94</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
15	11,217	11,217	<b>3.63</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
16	9,113	9,113	<b>6.36</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
17	9,414	9,414	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
18	9,431	9,431	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
19	8,797	8,798	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
20	10,555	10,555	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
21	11,229	11,229	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
22	7,035	7,035	<b>9.78</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
23	7,034	7,034	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
24	7,624	7,624	<b>8.71</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
25	7,119	7,120	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
26	7,895	7,895	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
27	7,055	7,056	<b>9.74</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
28	7,716	7,716	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
29	8,507	8,507	<b>7.27</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
30	8,078	8,079	<b>7.95</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
31	8,572	8,572	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
32	8,931	8,931	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
33	9,738	9,738	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
34	10,525	10,525	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
35	5,124	5,124	<b>13.96</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
36	5,575	5,576	<b>12.85</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
37	5,512	5,513	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
38	5,391	5,392	<b>13.29</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
39	6,798	6,798	<b>10.23</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
40	6,222	6,222	<b>11.40</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
41	7,031	7,031	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
42	3,998	3,999	<b>17.18</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
43	4,666	4,667	<b>15.18</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
44	4,901	4,902	<b>14.54</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
45	2,455	2,457	<b>23.17</b>	108.5	0.00	78.81	-	-	0.00	0.00	-	0.00
46	2,485	2,486	<b>23.03</b>	108.5	0.00	78.91	-	-	0.00	0.00	-	0.00
47	4,517	4,518	<b>15.61</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
48	4,092	4,092	<b>16.89</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
49	5,993	5,993	<b>11.90</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
50	7,357	7,357	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
51	7,548	7,548	<b>8.85</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
52	5,662	5,663	<b>12.64</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
53	6,416	6,417	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
54	6,748	6,748	<b>10.33</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
55	7,294	7,295	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
56	7,487	7,487	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
57	4,980	4,980	<b>14.33</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
58	5,297	5,298	<b>13.52</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
59	7,041	7,042	<b>9.76</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
60	7,648	7,649	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00

Sum 30.09

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H166 H166

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	12,021	12,021	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	2	13,525	13,525	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	3	13,426	13,426	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	4	12,213	12,213	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	5	12,035	12,035	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	6	12,481	12,481	<b>2.23</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	7	11,537	11,538	<b>3.26</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	8	12,636	12,636	<b>2.07</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	9	11,607	11,607	<b>3.18</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	10	10,832	10,832	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	11	11,435	11,435	<b>3.38</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	12	10,369	10,369	<b>4.66</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	13	11,485	11,485	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	14	11,268	11,268	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	15	11,601	11,601	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	16	9,178	9,178	<b>6.27</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	17	9,518	9,518	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	18	9,632	9,632	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	19	9,051	9,051	<b>6.45</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	20	11,048	11,048	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	21	11,793	11,793	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	22	6,854	6,855	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	23	6,925	6,925	<b>9.99</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	24	7,811	7,811	<b>8.39</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	25	7,090	7,090	<b>9.67</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	26	7,990	7,990	<b>8.09</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	27	7,266	7,266	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	28	8,014	8,014	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	29	8,899	8,899	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	30	8,593	8,594	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	31	9,085	9,085	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	32	9,467	9,467	<b>5.86</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	33	10,257	10,257	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	34	11,140	11,140	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	35	4,946	4,947	<b>14.42</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	36	5,482	5,483	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	37	5,542	5,543	<b>12.93</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	38	5,726	5,727	<b>12.50</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	39	7,177	7,177	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	40	6,686	6,686	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	41	7,531	7,532	<b>8.88</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	42	4,358	4,359	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	43	5,122	5,123	<b>13.96</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	44	5,493	5,493	<b>13.04</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
	45	2,925	2,926	<b>21.10</b>	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
	46	3,173	3,174	<b>20.10</b>	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
	47	5,416	5,416	<b>13.23</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	48	5,138	5,139	<b>13.92</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	49	7,046	7,046	<b>9.76</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	50	8,401	8,401	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	51	8,621	8,622	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	52	6,747	6,748	<b>10.33</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	53	7,509	7,509	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	54	7,840	7,840	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	55	8,377	8,377	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	56	8,579	8,580	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	57	6,032	6,032	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	58	6,372	6,372	<b>11.09</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	59	8,115	8,116	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	60	8,726	8,727	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00

Sum 28.47

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H167 H167

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,821	10,821	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
2	12,354	12,354	<b>2.37</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
3	11,968	11,968	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
4	11,726	11,726	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
5	11,416	11,416	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
6	11,709	11,709	<b>3.07</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
7	10,864	10,864	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
8	11,505	11,505	<b>3.30</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
9	10,554	10,554	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
10	9,823	9,823	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
11	9,984	9,984	<b>5.16</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
12	8,859	8,860	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
13	9,653	9,653	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
14	9,219	9,219	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
15	9,382	9,382	<b>5.98</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
16	7,837	7,837	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
17	8,061	8,061	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
18	7,909	7,909	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
19	7,207	7,208	<b>9.46</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
20	8,587	8,587	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
21	9,174	9,174	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
22	6,344	6,344	<b>11.14</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
23	6,199	6,200	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
24	6,193	6,193	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
25	6,122	6,123	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
26	6,618	6,618	<b>10.58</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
27	5,613	5,614	<b>12.76</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
28	6,091	6,092	<b>11.68</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
29	6,708	6,708	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
30	6,118	6,119	<b>11.62</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
31	6,605	6,605	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
32	6,931	6,931	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
33	7,746	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
34	8,423	8,423	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
35	4,627	4,627	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
36	4,846	4,846	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
37	4,543	4,544	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
38	3,844	3,845	<b>17.69</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
39	5,078	5,078	<b>14.08</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
40	4,394	4,395	<b>15.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
41	5,116	5,117	<b>13.98</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
42	2,598	2,599	<b>22.51</b>	108.5	0.00	79.30	-	-	0.00	0.00	-	0.00
43	2,968	2,969	<b>20.92</b>	108.5	0.00	80.45	-	-	0.00	0.00	-	0.00
44	2,945	2,946	<b>21.01</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
45	1,414	1,416	<b>30.12</b>	108.5	0.00	74.02	-	-	0.00	0.00	-	0.00
46	829	833	<b>36.29</b>	108.5	0.00	69.42	-	-	0.00	0.00	-	0.00
47	2,294	2,295	<b>24.06</b>	108.5	0.00	78.22	-	-	0.00	0.00	-	0.00
48	2,195	2,196	<b>24.63</b>	108.5	0.00	77.83	-	-	0.00	0.00	-	0.00
49	4,064	4,065	<b>16.97</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
50	5,369	5,370	<b>13.34</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
51	5,716	5,716	<b>12.52</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
52	3,998	3,999	<b>17.18</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
53	4,991	4,991	<b>14.30</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
54	5,217	5,217	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
55	5,549	5,549	<b>12.91</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
56	6,013	6,013	<b>11.85</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
57	4,247	4,248	<b>16.41</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
58	4,306	4,306	<b>16.23</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
59	5,942	5,943	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
60	6,476	6,477	<b>10.87</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00

Sum 38.51



Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H168 H168

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,054	12,054	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
2	13,584	13,584	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
3	13,155	13,155	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
4	13,013	13,013	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
5	12,698	12,698	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
6	12,981	12,981	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
7	12,144	12,144	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
8	12,744	12,744	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
9	11,806	11,806	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
10	11,083	11,083	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
11	11,184	11,184	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
12	10,058	10,058	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
13	10,774	10,774	<b>4.16</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
14	10,281	10,281	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
15	10,381	10,382	<b>4.65</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
16	9,071	9,071	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
17	9,275	9,275	<b>6.13</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
18	9,074	9,074	<b>6.42</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
19	8,355	8,355	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
20	9,488	9,489	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
21	9,977	9,977	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
22	7,633	7,634	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
23	7,488	7,488	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
24	7,402	7,403	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
25	7,403	7,404	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
26	7,859	7,860	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
27	6,827	6,827	<b>10.17</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	7,238	7,238	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
29	7,760	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
30	7,063	7,064	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
31	7,535	7,536	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
32	7,823	7,823	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
33	8,636	8,636	<b>7.07</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
34	9,171	9,171	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
35	5,900	5,901	<b>12.10</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
36	6,134	6,135	<b>11.59</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
37	5,831	5,832	<b>12.26</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
38	5,057	5,058	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
39	6,200	6,200	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
40	5,476	5,476	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
41	6,120	6,121	<b>11.62</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
42	3,871	3,872	<b>17.60</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
43	4,158	4,158	<b>16.68</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
44	3,995	3,996	<b>17.19</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
45	2,668	2,670	<b>22.19</b>	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00
46	2,119	2,121	<b>25.08</b>	108.5	0.00	77.53	-	-	0.00	0.00	-	0.00
47	2,734	2,734	<b>21.91</b>	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
48	1,811	1,812	<b>27.09</b>	108.5	0.00	76.16	-	-	0.00	0.00	-	0.00
49	3,663	3,664	<b>18.30</b>	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
50	5,038	5,039	<b>14.18</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
51	5,183	5,183	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
52	3,294	3,295	<b>19.64</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
53	4,100	4,101	<b>16.86</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
54	4,405	4,405	<b>15.93</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
55	4,925	4,926	<b>14.48</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
56	5,164	5,165	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
57	3,024	3,025	<b>20.69</b>	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
58	3,170	3,170	<b>20.11</b>	108.5	0.00	81.02	-	-	0.00	0.00	-	0.00
59	4,878	4,879	<b>14.60</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
60	5,452	5,453	<b>13.14</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00

Sum 33.44

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H169 H169

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,208	12,208	<b>2.52</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
2	13,715	13,715	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
3	13,148	13,149	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
4	13,470	13,470	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
5	13,105	13,105	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
6	13,314	13,314	<b>1.39</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
7	12,540	12,541	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
8	12,915	12,915	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
9	12,039	12,039	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
10	11,358	11,358	<b>3.47</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
11	11,237	11,238	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
12	10,121	10,121	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
13	10,629	10,629	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
14	10,021	10,021	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
15	10,005	10,005	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
16	9,265	9,265	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
17	9,400	9,400	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
18	9,065	9,065	<b>6.43</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
19	8,315	8,315	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
20	8,970	8,971	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
21	9,309	9,309	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
22	8,266	8,266	<b>7.65</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
23	8,045	8,046	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
24	7,553	7,554	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
25	7,866	7,866	<b>8.30</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
26	8,106	8,106	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
27	7,005	7,005	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
28	7,227	7,228	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
29	7,537	7,538	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
30	6,678	6,678	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
31	7,110	7,111	<b>9.64</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
32	7,331	7,332	<b>9.23</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
33	8,119	8,119	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
34	8,447	8,447	<b>7.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
35	6,716	6,717	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
36	6,823	6,823	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
37	6,408	6,409	<b>11.01</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
38	5,311	5,311	<b>13.49</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
39	6,173	6,174	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
40	5,402	5,403	<b>13.26</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
41	5,873	5,873	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
42	4,411	4,412	<b>15.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
43	4,411	4,412	<b>15.91</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
44	3,987	3,988	<b>17.22</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
45	3,637	3,639	<b>18.39</b>	108.5	0.00	82.22	-	-	0.00	0.00	-	0.00
46	2,982	2,984	<b>20.86</b>	108.5	0.00	80.49	-	-	0.00	0.00	-	0.00
47	2,154	2,156	<b>24.87</b>	108.5	0.00	77.67	-	-	0.00	0.00	-	0.00
48	645	650	<b>39.02</b>	108.5	0.00	67.26	-	-	0.00	0.00	-	0.00
49	2,186	2,187	<b>24.68</b>	108.5	0.00	77.80	-	-	0.00	0.00	-	0.00
50	3,561	3,562	<b>18.66</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
51	3,669	3,670	<b>18.28</b>	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
52	1,794	1,796	<b>27.20</b>	108.5	0.00	76.08	-	-	0.00	0.00	-	0.00
53	2,714	2,716	<b>21.99</b>	108.5	0.00	79.68	-	-	0.00	0.00	-	0.00
54	2,962	2,963	<b>20.94</b>	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
55	3,416	3,418	<b>19.18</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
56	3,748	3,749	<b>18.01</b>	108.5	0.00	82.48	-	-	0.00	0.00	-	0.00
57	2,340	2,342	<b>23.79</b>	108.5	0.00	78.39	-	-	0.00	0.00	-	0.00
58	2,190	2,191	<b>24.66</b>	108.5	0.00	77.81	-	-	0.00	0.00	-	0.00
59	3,703	3,704	<b>18.16</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
60	4,212	4,213	<b>16.51</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00

Sum 40.38

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H170 H170

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,188	11,188	<b>3.66</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
2	12,632	12,632	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
3	11,901	11,901	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
4	12,844	12,845	<b>1.86</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
5	12,415	12,415	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
6	12,514	12,514	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
7	11,848	11,849	<b>2.91</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
8	11,900	11,900	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
9	11,130	11,130	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
10	10,526	10,526	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
11	10,109	10,109	<b>4.99</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
12	9,041	9,041	<b>6.46</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
13	9,266	9,266	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
14	8,536	8,536	<b>7.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
15	8,385	8,385	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
16	8,396	8,396	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
17	8,431	8,431	<b>7.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
18	7,929	7,929	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
19	7,174	7,174	<b>9.52</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
20	7,222	7,222	<b>9.43</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
21	7,403	7,404	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
22	8,091	8,092	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
23	7,770	7,770	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
24	6,719	6,720	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
25	7,460	7,461	<b>9.00</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
26	7,371	7,371	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
27	6,251	6,252	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
28	6,192	6,192	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
29	6,197	6,198	<b>11.45</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
30	5,182	5,183	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
31	5,539	5,540	<b>12.93</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
32	5,669	5,670	<b>12.63</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
33	6,397	6,397	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
34	6,506	6,506	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
35	6,937	6,938	<b>9.96</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
36	6,836	6,837	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
37	6,293	6,293	<b>11.25</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
38	4,854	4,855	<b>14.67</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
39	5,205	5,206	<b>13.75</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
40	4,460	4,461	<b>15.77</b>	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00
41	4,628	4,628	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
42	4,524	4,525	<b>15.58</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
43	4,116	4,117	<b>16.81</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
44	3,415	3,417	<b>19.18</b>	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
45	4,501	4,502	<b>15.65</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
46	3,886	3,887	<b>17.55</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
47	1,612	1,614	<b>28.53</b>	108.5	0.00	75.16	-	-	0.00	0.00	-	0.00
48	1,677	1,679	<b>28.04</b>	108.5	0.00	75.50	-	-	0.00	0.00	-	0.00
49	962	966	<b>34.62</b>	108.5	0.00	70.70	-	-	0.00	0.00	-	0.00
50	1,880	1,882	<b>26.61</b>	108.5	0.00	76.49	-	-	0.00	0.00	-	0.00
51	2,483	2,484	<b>23.04</b>	108.5	0.00	78.90	-	-	0.00	0.00	-	0.00
52	1,792	1,795	<b>27.21</b>	108.5	0.00	76.08	-	-	0.00	0.00	-	0.00
53	2,892	2,893	<b>21.23</b>	108.5	0.00	80.23	-	-	0.00	0.00	-	0.00
54	2,786	2,787	<b>21.68</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
55	2,528	2,530	<b>22.83</b>	108.5	0.00	79.06	-	-	0.00	0.00	-	0.00
56	3,499	3,500	<b>18.88</b>	108.5	0.00	81.88	-	-	0.00	0.00	-	0.00
57	3,939	3,940	<b>17.37</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
58	3,484	3,485	<b>18.93</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
59	4,229	4,230	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
60	4,482	4,483	<b>15.71</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00

Sum 38.37

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H171 H171

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,671	11,671	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
2	13,072	13,072	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
3	12,260	12,260	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
4	13,484	13,484	<b>1.23</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
5	13,032	13,033	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
6	13,085	13,086	<b>1.62</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
7	12,469	12,470	<b>2.25</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
8	12,379	12,379	<b>2.34</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
9	11,665	11,665	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
10	11,102	11,102	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
11	10,550	10,550	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
12	9,521	9,521	<b>5.78</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
13	9,588	9,589	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
14	8,792	8,793	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
15	8,550	8,551	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
16	8,983	8,984	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
17	8,973	8,973	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
18	8,399	8,400	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
19	7,657	7,657	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
20	7,307	7,307	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
21	7,335	7,335	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
22	8,923	8,923	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
23	8,578	8,578	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
24	7,354	7,354	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
25	8,234	8,234	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
26	8,031	8,032	<b>8.03</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
27	6,929	6,930	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
28	6,751	6,752	<b>10.32</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
29	6,598	6,598	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
30	5,521	5,522	<b>12.98</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
31	5,812	5,812	<b>12.30</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
32	5,868	5,869	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
33	6,524	6,524	<b>10.77</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
34	6,417	6,417	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
35	7,872	7,873	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
36	7,731	7,732	<b>8.53</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
37	7,165	7,166	<b>9.53</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
38	5,672	5,673	<b>12.62</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
39	5,828	5,829	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
40	5,125	5,126	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
41	5,142	5,142	<b>13.91</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
42	5,479	5,481	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
43	5,003	5,004	<b>14.27</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
44	4,264	4,265	<b>16.35</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
45	5,529	5,530	<b>12.96</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
46	4,917	4,918	<b>14.50</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
47	2,611	2,612	<b>22.45</b>	108.5	0.00	79.34	-	-	0.00	0.00	-	0.00
48	2,577	2,579	<b>22.60</b>	108.5	0.00	79.23	-	-	0.00	0.00	-	0.00
49	919	923	<b>35.13</b>	108.5	0.00	70.31	-	-	0.00	0.00	-	0.00
50	883	888	<b>35.58</b>	108.5	0.00	69.97	-	-	0.00	0.00	-	0.00
51	1,650	1,653	<b>28.23</b>	108.5	0.00	75.37	-	-	0.00	0.00	-	0.00
52	1,894	1,896	<b>26.51</b>	108.5	0.00	76.56	-	-	0.00	0.00	-	0.00
53	2,696	2,698	<b>22.07</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
54	2,434	2,436	<b>23.28</b>	108.5	0.00	78.73	-	-	0.00	0.00	-	0.00
55	1,847	1,850	<b>26.82</b>	108.5	0.00	76.34	-	-	0.00	0.00	-	0.00
56	2,991	2,992	<b>20.82</b>	108.5	0.00	80.52	-	-	0.00	0.00	-	0.00
57	4,254	4,255	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
58	3,705	3,707	<b>18.15</b>	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
59	4,005	4,006	<b>17.16</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
60	4,115	4,117	<b>16.81</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00

Sum 40.00

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H172 H172

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,194	12,195	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
2	13,609	13,609	<b>1.11</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
3	12,815	12,815	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
4	13,952	13,952	<b>0.78</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
5	13,509	13,509	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
6	13,580	13,581	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
7	12,945	12,945	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
8	12,904	12,905	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
9	12,172	12,172	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
10	11,594	11,594	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
11	11,085	11,085	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
12	10,044	10,044	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
13	10,150	10,150	<b>4.94</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
14	9,365	9,365	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
15	9,135	9,135	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
16	9,469	9,469	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
17	9,475	9,475	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
18	8,923	8,924	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
19	8,176	8,177	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
20	7,897	7,898	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
21	7,931	7,931	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
22	9,280	9,280	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
23	8,951	8,951	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
24	7,818	7,819	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
25	8,629	8,629	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
26	8,485	8,486	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
27	7,373	7,374	<b>9.15</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
28	7,244	7,244	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
29	7,138	7,138	<b>9.58</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
30	6,073	6,073	<b>11.72</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
31	6,377	6,377	<b>11.07</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
32	6,445	6,446	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
33	7,110	7,111	<b>9.64</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
34	7,012	7,012	<b>9.82</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
35	8,135	8,136	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
36	8,036	8,036	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
37	7,489	7,490	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
38	6,035	6,036	<b>11.80</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
39	6,294	6,295	<b>11.25</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
40	5,571	5,572	<b>12.86</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
41	5,645	5,646	<b>12.68</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
42	5,720	5,721	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
43	5,314	5,314	<b>13.48</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
44	4,603	4,604	<b>15.36</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
45	5,611	5,612	<b>12.76</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
46	4,974	4,975	<b>14.35</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
47	2,799	2,800	<b>21.63</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
48	2,418	2,419	<b>23.37</b>	108.5	0.00	78.67	-	-	0.00	0.00	-	0.00
49	522	529	<b>41.23</b>	108.5	0.00	65.47	-	-	0.00	0.00	-	0.00
50	855	859	<b>35.95</b>	108.5	0.00	69.68	-	-	0.00	0.00	-	0.00
51	1,283	1,286	<b>31.28</b>	108.5	0.00	73.19	-	-	0.00	0.00	-	0.00
52	1,363	1,366	<b>30.56</b>	108.5	0.00	73.71	-	-	0.00	0.00	-	0.00
53	2,100	2,102	<b>25.19</b>	108.5	0.00	77.45	-	-	0.00	0.00	-	0.00
54	1,845	1,848	<b>26.84</b>	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
55	1,358	1,362	<b>30.59</b>	108.5	0.00	73.68	-	-	0.00	0.00	-	0.00
56	2,440	2,442	<b>23.24</b>	108.5	0.00	78.75	-	-	0.00	0.00	-	0.00
57	3,725	3,727	<b>18.09</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
58	3,158	3,159	<b>20.16</b>	108.5	0.00	80.99	-	-	0.00	0.00	-	0.00
59	3,411	3,413	<b>19.20</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
60	3,538	3,540	<b>18.74</b>	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00

Sum 43.61

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H173 H173

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,766	12,766	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
2	14,167	14,167	<b>0.58</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
3	13,349	13,349	<b>1.36</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
4	14,561	14,561	<b>0.23</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
5	14,114	14,114	<b>0.63</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
6	14,174	14,174	<b>0.58</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
7	13,550	13,550	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
8	13,475	13,475	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
9	12,758	12,758	<b>1.95</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
10	12,190	12,190	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
11	11,645	11,646	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
12	10,616	10,616	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
13	10,675	10,675	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
14	9,869	9,869	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
15	9,606	9,606	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
16	10,068	10,069	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
17	10,064	10,064	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
18	9,494	9,495	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
19	8,752	8,752	<b>6.89</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
20	8,343	8,343	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
21	8,311	8,311	<b>7.57</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
22	9,914	9,914	<b>5.25</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
23	9,584	9,584	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
24	8,428	8,428	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
25	9,259	9,259	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
26	9,100	9,100	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
27	7,991	7,991	<b>8.09</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
28	7,839	7,839	<b>8.35</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
29	7,692	7,693	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
30	6,613	6,614	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
31	6,896	6,897	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
32	6,940	6,940	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
33	7,576	7,576	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
34	7,390	7,390	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
35	8,765	8,765	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
36	8,670	8,670	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
37	8,124	8,124	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
38	6,669	6,669	<b>10.48</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
39	6,903	6,903	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
40	6,187	6,188	<b>11.47</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
41	6,232	6,233	<b>11.38</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
42	6,348	6,348	<b>11.14</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
43	5,948	5,949	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
44	5,238	5,238	<b>13.67</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
45	6,193	6,194	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
46	5,547	5,548	<b>12.91</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
47	3,423	3,424	<b>19.16</b>	108.5	0.00	81.69	-	-	0.00	0.00	-	0.00
48	2,905	2,906	<b>21.18</b>	108.5	0.00	80.26	-	-	0.00	0.00	-	0.00
49	1,023	1,026	<b>33.93</b>	108.5	0.00	71.22	-	-	0.00	0.00	-	0.00
50	696	700	<b>38.22</b>	108.5	0.00	67.90	-	-	0.00	0.00	-	0.00
51	660	664	<b>38.80</b>	108.5	0.00	67.45	-	-	0.00	0.00	-	0.00
52	1,468	1,471	<b>29.67</b>	108.5	0.00	74.35	-	-	0.00	0.00	-	0.00
53	1,814	1,816	<b>27.06</b>	108.5	0.00	76.18	-	-	0.00	0.00	-	0.00
54	1,456	1,458	<b>29.77</b>	108.5	0.00	74.27	-	-	0.00	0.00	-	0.00
55	752	757	<b>37.36</b>	108.5	0.00	68.59	-	-	0.00	0.00	-	0.00
56	1,911	1,913	<b>26.40</b>	108.5	0.00	76.63	-	-	0.00	0.00	-	0.00
57	3,710	3,711	<b>18.14</b>	108.5	0.00	82.39	-	-	0.00	0.00	-	0.00
58	3,106	3,107	<b>20.36</b>	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
59	3,033	3,034	<b>20.65</b>	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00
60	3,069	3,071	<b>20.51</b>	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00

Sum 44.13

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H174 H174

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,016	14,016	<b>0.72</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
2	15,338	15,338	<b>-0.45</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
3	14,408	14,408	<b>0.36</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
4	16,020	16,020	<b>-1.01</b>	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
5	15,543	15,544	<b>-0.62</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
6	15,538	15,538	<b>-0.62</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
7	14,988	14,988	<b>-0.15</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
8	14,711	14,711	<b>0.09</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
9	14,081	14,081	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
10	13,575	13,575	<b>1.14</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
11	12,849	12,849	<b>1.86</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
12	11,888	11,888	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
13	11,725	11,725	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
14	10,844	10,844	<b>4.07</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
15	10,455	10,455	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
16	11,492	11,492	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
17	11,428	11,428	<b>3.39</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
18	10,773	10,773	<b>4.16</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
19	10,062	10,063	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
20	9,122	9,122	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
21	8,857	8,857	<b>6.74</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
22	11,648	11,648	<b>3.14</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
23	11,290	11,290	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
24	9,932	9,932	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
25	10,924	10,924	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
26	10,627	10,627	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
27	9,553	9,553	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
28	9,263	9,264	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
29	8,926	8,926	<b>6.63</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
30	7,813	7,813	<b>8.39</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
31	8,001	8,001	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
32	7,948	7,948	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
33	8,453	8,454	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
34	7,959	7,959	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
35	10,625	10,626	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
36	10,482	10,482	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
37	9,911	9,912	<b>5.25</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
38	8,401	8,401	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
39	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
40	7,765	7,765	<b>8.47</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
41	7,648	7,648	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
42	8,227	8,227	<b>7.71</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
43	7,755	7,755	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
44	7,009	7,010	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
45	8,161	8,161	<b>7.81</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
46	7,519	7,520	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
47	5,327	5,328	<b>13.45</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
48	4,874	4,875	<b>14.61</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
49	2,999	3,000	<b>20.79</b>	108.5	0.00	80.54	-	-	0.00	0.00	-	0.00
50	1,873	1,875	<b>26.66</b>	108.5	0.00	76.46	-	-	0.00	0.00	-	0.00
51	1,347	1,350	<b>30.70</b>	108.5	0.00	73.60	-	-	0.00	0.00	-	0.00
52	3,254	3,255	<b>19.79</b>	108.5	0.00	81.25	-	-	0.00	0.00	-	0.00
53	2,925	2,926	<b>21.10</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
54	2,465	2,467	<b>23.12</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
55	1,632	1,634	<b>28.37</b>	108.5	0.00	75.27	-	-	0.00	0.00	-	0.00
56	2,163	2,165	<b>24.82</b>	108.5	0.00	77.71	-	-	0.00	0.00	-	0.00
57	5,058	5,058	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
58	4,442	4,442	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
59	3,538	3,539	<b>18.74</b>	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
60	3,202	3,203	<b>19.99</b>	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00

Sum 35.61

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H175 H175

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,086	13,086	<b>1.62</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	2	14,401	14,401	<b>0.37</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	3	13,465	13,465	<b>1.24</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	4	15,122	15,122	<b>-0.26</b>	108.5	0.00	94.59	-	-	0.00	0.00	-	0.00
	5	14,640	14,640	<b>0.16</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	6	14,622	14,623	<b>0.17</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	7	14,087	14,087	<b>0.66</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	8	13,780	13,780	<b>0.94</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	9	13,161	13,162	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	10	12,665	12,666	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	11	11,916	11,916	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	12	10,964	10,964	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	13	10,783	10,783	<b>4.15</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	14	9,899	9,900	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	15	9,511	9,511	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	16	10,593	10,594	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	17	10,518	10,518	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	18	9,851	9,851	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	19	9,147	9,147	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	20	8,178	8,178	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	21	7,928	7,928	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	22	10,852	10,853	<b>4.06</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	23	10,481	10,482	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	24	9,057	9,057	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	25	10,099	10,100	<b>5.01</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	26	9,756	9,756	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	27	8,696	8,696	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	28	8,371	8,371	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	29	8,002	8,002	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	30	6,888	6,888	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	31	7,065	7,066	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	32	7,007	7,007	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	33	7,508	7,508	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	34	7,026	7,026	<b>9.79</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	35	9,917	9,918	<b>5.25</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	36	9,737	9,737	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	37	9,153	9,153	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	38	7,618	7,619	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	39	7,554	7,554	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	40	6,922	6,922	<b>9.99</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	41	6,760	6,761	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	42	7,549	7,550	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	43	7,021	7,022	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	44	6,260	6,261	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	45	7,625	7,625	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	46	7,004	7,005	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	47	4,709	4,710	<b>15.06</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	48	4,504	4,505	<b>15.64</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	49	2,598	2,599	<b>22.51</b>	108.5	0.00	79.30	-	-	0.00	0.00	-	0.00
	50	1,256	1,259	<b>31.53</b>	108.5	0.00	73.00	-	-	0.00	0.00	-	0.00
	51	1,271	1,273	<b>31.40</b>	108.5	0.00	73.10	-	-	0.00	0.00	-	0.00
	52	3,131	3,133	<b>20.26</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
	53	3,155	3,156	<b>20.17</b>	108.5	0.00	80.98	-	-	0.00	0.00	-	0.00
	54	2,700	2,701	<b>22.06</b>	108.5	0.00	79.63	-	-	0.00	0.00	-	0.00
	55	1,725	1,727	<b>27.69</b>	108.5	0.00	75.75	-	-	0.00	0.00	-	0.00
	56	2,672	2,673	<b>22.18</b>	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
	57	5,240	5,241	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	58	4,620	4,621	<b>15.31</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	59	4,051	4,052	<b>17.02</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	60	3,831	3,833	<b>17.73</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00

Sum 36.60



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H198 H198

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	12,214	12,215	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	2	13,511	13,511	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	3	12,560	12,560	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	4	14,303	14,304	<b>0.46</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	5	13,813	13,814	<b>0.91</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	6	13,776	13,776	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	7	13,264	13,265	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	8	12,904	12,904	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	9	12,307	12,308	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	10	11,830	11,830	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	11	11,037	11,037	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	12	10,103	10,103	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	13	9,880	9,880	<b>5.30</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	14	8,989	8,989	<b>6.54</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	15	8,589	8,589	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	16	9,778	9,779	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	17	9,684	9,684	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	18	8,996	8,997	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	19	8,304	8,304	<b>7.59</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	20	7,254	7,254	<b>9.37</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	21	7,001	7,001	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	22	10,188	10,188	<b>4.89</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	23	9,800	9,801	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	24	8,282	8,283	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	25	9,396	9,397	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	26	8,986	8,986	<b>6.54</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	27	7,950	7,951	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	28	7,571	7,571	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	29	7,145	7,145	<b>9.57</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	30	6,032	6,032	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	31	6,186	6,186	<b>11.48</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	32	6,110	6,110	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	33	6,593	6,593	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	34	6,098	6,099	<b>11.67</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	35	9,371	9,372	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	36	9,144	9,144	<b>6.31</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	37	8,545	8,545	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	38	6,988	6,989	<b>9.86</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	39	6,800	6,801	<b>10.22</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	40	6,207	6,208	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	41	5,975	5,975	<b>11.94</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	42	7,060	7,061	<b>9.73</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	43	6,464	6,465	<b>10.89</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	44	5,690	5,691	<b>12.58</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
	45	7,309	7,310	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	46	6,723	6,724	<b>10.37</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	47	4,350	4,351	<b>16.09</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	48	4,452	4,453	<b>15.79</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	49	2,642	2,644	<b>22.31</b>	108.5	0.00	79.44	-	-	0.00	0.00	-	0.00
	50	1,320	1,324	<b>30.93</b>	108.5	0.00	73.44	-	-	0.00	0.00	-	0.00
	51	1,866	1,869	<b>26.70</b>	108.5	0.00	76.43	-	-	0.00	0.00	-	0.00
	52	3,410	3,412	<b>19.20</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
	53	3,720	3,721	<b>18.10</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
	54	3,297	3,298	<b>19.62</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
	55	2,334	2,336	<b>23.82</b>	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
	56	3,435	3,436	<b>19.11</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
	57	5,691	5,692	<b>12.58</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	58	5,084	5,086	<b>14.06</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	59	4,773	4,774	<b>14.89</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	60	4,628	4,630	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00

Sum 34.67

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H199 H199

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,558	10,559	4.42	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
2	11,876	11,876	2.88	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
3	10,957	10,957	3.94	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
4	12,627	12,628	2.08	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
5	12,138	12,138	2.60	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
6	12,105	12,105	2.63	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
7	11,589	11,589	3.20	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
8	11,252	11,252	3.59	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
9	10,639	10,639	4.32	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
10	10,156	10,156	4.93	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
11	9,388	9,388	5.97	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
12	8,438	8,439	7.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
13	8,272	8,272	7.64	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
14	7,406	7,406	9.10	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
15	7,061	7,061	9.73	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
16	8,103	8,103	7.91	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
17	8,009	8,009	8.06	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
18	7,328	7,329	9.24	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
19	6,631	6,631	10.56	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
20	5,756	5,756	12.43	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
21	5,650	5,651	12.67	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
22	8,600	8,600	7.12	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
23	8,199	8,199	7.75	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
24	6,619	6,619	10.58	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
25	7,777	7,778	8.45	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
26	7,324	7,324	9.24	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
27	6,303	6,304	11.23	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
28	5,898	5,899	12.11	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
29	5,477	5,478	13.08	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
30	4,364	4,364	16.06	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
31	4,539	4,539	15.54	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
32	4,493	4,494	15.68	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
33	5,038	5,038	14.18	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
34	4,730	4,730	15.01	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
35	7,919	7,919	8.21	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
36	7,636	7,637	8.69	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
37	7,025	7,025	9.80	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
38	5,456	5,457	13.13	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
39	5,151	5,152	13.89	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
40	4,593	4,593	15.39	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
41	4,309	4,310	16.22	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
42	5,714	5,715	12.52	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
43	5,034	5,035	14.19	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
44	4,261	4,262	16.36	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
45	6,227	6,228	11.39	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
46	5,716	5,717	12.52	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
47	3,348	3,349	19.43	108.5	0.00	81.50	-	-	0.00	0.00	-	0.00
48	4,003	4,004	17.17	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
49	2,708	2,709	22.02	108.5	0.00	79.66	-	-	0.00	0.00	-	0.00
50	2,056	2,057	25.47	108.5	0.00	77.27	-	-	0.00	0.00	-	0.00
51	2,955	2,957	20.97	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
52	3,697	3,698	18.18	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
53	4,445	4,446	15.82	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
54	4,124	4,125	16.78	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
55	3,331	3,333	19.49	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
56	4,533	4,534	15.56	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
57	6,051	6,052	11.77	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
58	5,510	5,510	13.00	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
59	5,705	5,706	12.54	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
60	5,722	5,723	12.51	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00

Sum 32.48

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H200 H200

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,096	10,096	<b>5.01</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
2	11,473	11,473	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
3	10,632	10,633	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
4	12,021	12,021	<b>2.73</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
5	11,550	11,550	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
6	11,564	11,564	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
7	10,992	10,993	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
8	10,801	10,801	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
9	10,123	10,123	<b>4.98</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
10	9,592	9,592	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
11	8,957	8,957	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
12	7,952	7,952	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
13	7,956	7,956	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
14	7,149	7,149	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
15	6,905	6,905	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
16	7,496	7,496	<b>8.94</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
17	7,448	7,448	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
18	6,830	6,830	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
19	6,101	6,101	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
20	5,671	5,671	<b>12.63</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
21	5,753	5,753	<b>12.44</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
22	7,763	7,763	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
23	7,378	7,378	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
24	5,930	5,930	<b>12.04</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
25	6,981	6,981	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
26	6,627	6,627	<b>10.57</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
27	5,563	5,564	<b>12.88</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
28	5,264	5,264	<b>13.61</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
29	5,003	5,004	<b>14.27</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
30	3,909	3,910	<b>17.47</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
31	4,177	4,177	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
32	4,223	4,223	<b>16.48</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
33	4,880	4,880	<b>14.60</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
34	4,843	4,843	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
35	6,988	6,988	<b>9.87</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
36	6,733	6,734	<b>10.36</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
37	6,129	6,130	<b>11.60</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
38	4,567	4,568	<b>15.46</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
39	4,422	4,423	<b>15.88</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
40	3,795	3,796	<b>17.85</b>	108.5	0.00	82.59	-	-	0.00	0.00	-	0.00
41	3,646	3,647	<b>18.36</b>	108.5	0.00	82.24	-	-	0.00	0.00	-	0.00
42	4,747	4,748	<b>14.96</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
43	4,089	4,090	<b>16.89</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
44	3,313	3,314	<b>19.56</b>	108.5	0.00	81.41	-	-	0.00	0.00	-	0.00
45	5,252	5,253	<b>13.63</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
46	4,751	4,752	<b>14.95</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
47	2,408	2,409	<b>23.42</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
48	3,259	3,260	<b>19.77</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
49	2,381	2,382	<b>23.57</b>	108.5	0.00	78.54	-	-	0.00	0.00	-	0.00
50	2,280	2,281	<b>24.14</b>	108.5	0.00	78.16	-	-	0.00	0.00	-	0.00
51	3,185	3,186	<b>20.05</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
52	3,368	3,369	<b>19.36</b>	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
53	4,312	4,312	<b>16.21</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
54	4,076	4,077	<b>16.94</b>	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
55	3,461	3,462	<b>19.02</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
56	4,630	4,631	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
57	5,630	5,631	<b>12.72</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
58	5,145	5,145	<b>13.91</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
59	5,637	5,638	<b>12.70</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
60	5,762	5,763	<b>12.41</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00

Sum 33.43

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H201 H201

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,705	10,705	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
2	12,148	12,148	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
3	11,416	11,416	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
4	12,381	12,381	<b>2.34</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
5	11,948	11,948	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
6	12,040	12,040	<b>2.70</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
7	11,382	11,382	<b>3.44</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
8	11,417	11,417	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
9	10,651	10,651	<b>4.31</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
10	10,052	10,052	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
11	9,624	9,625	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
12	8,558	8,558	<b>7.19</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
13	8,782	8,782	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
14	8,056	8,056	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
15	7,915	7,915	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
16	7,923	7,923	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
17	7,952	7,952	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
18	7,445	7,445	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
19	6,690	6,691	<b>10.44</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
20	6,765	6,765	<b>10.30</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
21	6,976	6,976	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
22	7,685	7,685	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
23	7,353	7,353	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
24	6,252	6,252	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
25	7,030	7,030	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
26	6,909	6,910	<b>10.02</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
27	5,792	5,793	<b>12.35</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
28	5,713	5,714	<b>12.53</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
29	5,712	5,712	<b>12.53</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
30	4,700	4,700	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
31	5,061	5,062	<b>14.12</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
32	5,199	5,199	<b>13.77</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
33	5,934	5,935	<b>12.03</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
34	6,086	6,086	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
35	6,596	6,596	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
36	6,464	6,465	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
37	5,906	5,907	<b>12.09</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
38	4,438	4,438	<b>15.84</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
39	4,734	4,735	<b>14.99</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
40	3,995	3,996	<b>17.19</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
41	4,145	4,145	<b>16.72</b>	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
42	4,202	4,203	<b>16.54</b>	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
43	3,736	3,737	<b>18.05</b>	108.5	0.00	82.45	-	-	0.00	0.00	-	0.00
44	3,011	3,012	<b>20.74</b>	108.5	0.00	80.58	-	-	0.00	0.00	-	0.00
45	4,325	4,326	<b>16.17</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
46	3,741	3,742	<b>18.03</b>	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
47	1,368	1,370	<b>30.52</b>	108.5	0.00	73.74	-	-	0.00	0.00	-	0.00
48	1,881	1,882	<b>26.61</b>	108.5	0.00	76.49	-	-	0.00	0.00	-	0.00
49	1,435	1,437	<b>29.94</b>	108.5	0.00	74.15	-	-	0.00	0.00	-	0.00
50	2,161	2,162	<b>24.83</b>	108.5	0.00	77.70	-	-	0.00	0.00	-	0.00
51	2,862	2,863	<b>21.36</b>	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
52	2,273	2,275	<b>24.17</b>	108.5	0.00	78.14	-	-	0.00	0.00	-	0.00
53	3,377	3,378	<b>19.32</b>	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
54	3,264	3,265	<b>19.75</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
55	2,954	2,955	<b>20.98</b>	108.5	0.00	80.41	-	-	0.00	0.00	-	0.00
56	3,964	3,965	<b>17.29</b>	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00
57	4,365	4,366	<b>16.05</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
58	3,933	3,934	<b>17.39</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
59	4,715	4,716	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
60	4,963	4,964	<b>14.38</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00

Sum 36.67

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H202 H202

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,549	9,549	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
2	10,982	10,983	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
3	10,241	10,241	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
4	11,292	11,292	<b>3.54</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
5	10,846	10,846	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
6	10,915	10,915	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
7	10,281	10,282	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
8	10,260	10,260	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
9	9,511	9,511	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
10	8,928	8,929	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
11	8,458	8,458	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
12	7,399	7,399	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
13	7,607	7,607	<b>8.74</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
14	6,887	6,887	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
15	6,766	6,766	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
16	6,804	6,804	<b>10.22</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
17	6,813	6,813	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
18	6,283	6,283	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
19	5,531	5,531	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
20	5,650	5,650	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
21	5,939	5,940	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
22	6,789	6,789	<b>10.25</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
23	6,425	6,425	<b>10.98</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
24	5,159	5,160	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
25	6,060	6,061	<b>11.75</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
26	5,834	5,835	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
27	4,732	4,732	<b>15.00</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
28	4,579	4,580	<b>15.43</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
29	4,538	4,538	<b>15.55</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
30	3,526	3,527	<b>18.78</b>	108.5	0.00	81.95	-	-	0.00	0.00	-	0.00
31	3,896	3,897	<b>17.52</b>	108.5	0.00	82.81	-	-	0.00	0.00	-	0.00
32	4,053	4,053	<b>17.01</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
33	4,809	4,809	<b>14.79</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
34	5,077	5,077	<b>14.08</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
35	5,911	5,912	<b>12.08</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
36	5,687	5,688	<b>12.59</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
37	5,094	5,095	<b>14.03</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
38	3,552	3,553	<b>18.69</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
39	3,634	3,635	<b>18.40</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
40	2,928	2,929	<b>21.08</b>	108.5	0.00	80.34	-	-	0.00	0.00	-	0.00
41	2,989	2,990	<b>20.83</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
42	3,640	3,642	<b>18.38</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
43	3,005	3,006	<b>20.77</b>	108.5	0.00	80.56	-	-	0.00	0.00	-	0.00
44	2,230	2,231	<b>24.42</b>	108.5	0.00	77.97	-	-	0.00	0.00	-	0.00
45	4,178	4,179	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
46	3,712	3,714	<b>18.13</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
47	1,497	1,499	<b>29.44</b>	108.5	0.00	74.52	-	-	0.00	0.00	-	0.00
48	2,731	2,732	<b>21.92</b>	108.5	0.00	79.73	-	-	0.00	0.00	-	0.00
49	2,592	2,593	<b>22.54</b>	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
50	3,022	3,023	<b>20.70</b>	108.5	0.00	80.61	-	-	0.00	0.00	-	0.00
51	3,848	3,848	<b>17.68</b>	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
52	3,447	3,448	<b>19.07</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
53	4,549	4,550	<b>15.51</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
54	4,419	4,419	<b>15.89</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
55	4,016	4,017	<b>17.13</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
56	5,090	5,091	<b>14.05</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
57	5,462	5,463	<b>13.12</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
58	5,067	5,067	<b>14.11</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
59	5,889	5,889	<b>12.13</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
60	6,124	6,124	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00

Sum 35.20

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H203 H203

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,986	10,986	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	2	12,444	12,444	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	3	11,743	11,743	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	4	12,584	12,584	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	5	12,163	12,163	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	6	12,279	12,279	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	7	11,596	11,596	<b>3.20</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	8	11,699	11,699	<b>3.08</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	9	10,909	10,909	<b>4.00</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	10	10,292	10,292	<b>4.76</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	11	9,925	9,925	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	12	8,845	8,845	<b>6.75</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	13	9,128	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	14	8,424	8,424	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	15	8,308	8,309	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	16	8,161	8,162	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	17	8,213	8,213	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	18	7,739	7,740	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	19	6,982	6,982	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	20	7,180	7,180	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	21	7,417	7,418	<b>9.08</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	22	7,768	7,769	<b>8.47</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	23	7,456	7,456	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	24	6,472	6,473	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	25	7,159	7,160	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	26	7,112	7,112	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	27	5,989	5,990	<b>11.90</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	28	5,975	5,975	<b>11.93</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	29	6,042	6,042	<b>11.79</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	30	5,058	5,059	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	31	5,438	5,438	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	32	5,595	5,595	<b>12.80</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	33	6,344	6,344	<b>11.14</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	34	6,532	6,533	<b>10.76</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
	35	6,579	6,580	<b>10.66</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	36	6,493	6,493	<b>10.84</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
	37	5,957	5,958	<b>11.97</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	38	4,543	4,544	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	39	4,970	4,970	<b>14.36</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	40	4,213	4,214	<b>16.51</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	41	4,440	4,440	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	42	4,162	4,163	<b>16.66</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	43	3,781	3,782	<b>17.90</b>	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
	44	3,099	3,101	<b>20.38</b>	108.5	0.00	80.83	-	-	0.00	0.00	-	0.00
	45	4,121	4,122	<b>16.79</b>	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	46	3,507	3,509	<b>18.85</b>	108.5	0.00	81.90	-	-	0.00	0.00	-	0.00
	47	1,241	1,244	<b>31.68</b>	108.5	0.00	72.90	-	-	0.00	0.00	-	0.00
	48	1,429	1,431	<b>29.99</b>	108.5	0.00	74.12	-	-	0.00	0.00	-	0.00
	49	1,251	1,254	<b>31.58</b>	108.5	0.00	72.97	-	-	0.00	0.00	-	0.00
	50	2,261	2,263	<b>24.24</b>	108.5	0.00	78.09	-	-	0.00	0.00	-	0.00
	51	2,841	2,843	<b>21.44</b>	108.5	0.00	80.07	-	-	0.00	0.00	-	0.00
	52	1,944	1,946	<b>26.18</b>	108.5	0.00	76.78	-	-	0.00	0.00	-	0.00
	53	3,091	3,093	<b>20.42</b>	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
	54	3,033	3,034	<b>20.65</b>	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00
	55	2,858	2,860	<b>21.37</b>	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
	56	3,775	3,776	<b>17.92</b>	108.5	0.00	82.54	-	-	0.00	0.00	-	0.00
	57	3,934	3,935	<b>17.39</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
	58	3,524	3,526	<b>18.79</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
	59	4,413	4,415	<b>15.91</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
	60	4,707	4,708	<b>15.07</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00

Sum 37.89

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H204 H204

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,369	10,369	<b>4.66</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
2	11,896	11,896	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
3	11,445	11,445	<b>3.37</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
4	11,442	11,442	<b>3.37</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
5	11,102	11,102	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
6	11,354	11,354	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
7	10,542	10,543	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
8	11,064	11,064	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
9	10,142	10,142	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
10	9,431	9,431	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
11	9,480	9,480	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
12	8,354	8,354	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
13	9,060	9,060	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
14	8,579	8,579	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
15	8,703	8,703	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
16	7,390	7,390	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
17	7,580	7,580	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
18	7,362	7,362	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
19	6,640	6,640	<b>10.54</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
20	7,861	7,862	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
21	8,417	8,417	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
22	6,160	6,160	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
23	5,962	5,963	<b>11.96</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
24	5,707	5,708	<b>12.54</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
25	5,821	5,822	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
26	6,189	6,190	<b>11.47</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
27	5,135	5,136	<b>13.93</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
28	5,524	5,524	<b>12.97</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
29	6,059	6,060	<b>11.75</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
30	5,407	5,408	<b>13.25</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
31	5,889	5,889	<b>12.13</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
32	6,199	6,200	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
33	7,016	7,016	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
34	7,653	7,653	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
35	4,586	4,587	<b>15.41</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
36	4,700	4,701	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
37	4,311	4,312	<b>16.21</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
38	3,374	3,375	<b>19.34</b>	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
39	4,485	4,486	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
40	3,764	3,765	<b>17.95</b>	108.5	0.00	82.52	-	-	0.00	0.00	-	0.00
41	4,434	4,434	<b>15.85</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
42	2,308	2,310	<b>23.98</b>	108.5	0.00	78.27	-	-	0.00	0.00	-	0.00
43	2,465	2,467	<b>23.12</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
44	2,287	2,288	<b>24.10</b>	108.5	0.00	78.19	-	-	0.00	0.00	-	0.00
45	1,626	1,629	<b>28.42</b>	108.5	0.00	75.24	-	-	0.00	0.00	-	0.00
46	973	978	<b>34.48</b>	108.5	0.00	70.80	-	-	0.00	0.00	-	0.00
47	1,530	1,532	<b>29.17</b>	108.5	0.00	74.71	-	-	0.00	0.00	-	0.00
48	1,828	1,829	<b>26.97</b>	108.5	0.00	76.25	-	-	0.00	0.00	-	0.00
49	3,551	3,552	<b>18.69</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
50	4,788	4,788	<b>14.85</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
51	5,226	5,227	<b>13.70</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
52	3,660	3,661	<b>18.31</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
53	4,746	4,747	<b>14.96</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
54	4,909	4,909	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
55	5,113	5,114	<b>13.99</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
56	5,713	5,713	<b>12.53</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
57	4,357	4,358	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
58	4,302	4,302	<b>16.24</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
59	5,824	5,824	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
60	6,310	6,311	<b>11.21</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00

Sum 38.18

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H206 H206

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,759	9,759	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
2	11,287	11,287	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
3	11,058	11,058	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
4	10,350	10,351	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
5	10,088	10,089	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
6	10,448	10,448	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
7	9,554	9,554	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
8	10,412	10,413	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
9	9,414	9,414	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
10	8,654	8,654	<b>7.04</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
11	9,056	9,057	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
12	7,957	7,957	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
13	8,972	8,972	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
14	8,699	8,699	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
15	9,005	9,005	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
16	6,822	6,822	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
17	7,117	7,118	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
18	7,137	7,138	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
19	6,516	6,516	<b>10.79</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
20	8,436	8,436	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
21	9,192	9,192	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
22	4,898	4,899	<b>14.55</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
23	4,837	4,838	<b>14.71</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
24	5,327	5,327	<b>13.45</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
25	4,871	4,872	<b>14.62</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
26	5,601	5,601	<b>12.79</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
27	4,761	4,761	<b>14.92</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
28	5,450	5,450	<b>13.15</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
29	6,297	6,297	<b>11.24</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
30	5,986	5,986	<b>11.91</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
31	6,477	6,477	<b>10.87</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
32	6,863	6,863	<b>10.11</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
33	7,648	7,649	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
34	8,561	8,561	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
35	3,053	3,054	<b>20.57</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
36	3,398	3,399	<b>19.25</b>	108.5	0.00	81.63	-	-	0.00	0.00	-	0.00
37	3,252	3,253	<b>19.79</b>	108.5	0.00	81.25	-	-	0.00	0.00	-	0.00
38	3,136	3,137	<b>20.24</b>	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
39	4,576	4,576	<b>15.44</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
40	4,074	4,074	<b>16.94</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
41	4,923	4,923	<b>14.48</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
42	1,752	1,753	<b>27.50</b>	108.5	0.00	75.88	-	-	0.00	0.00	-	0.00
43	2,513	2,514	<b>22.90</b>	108.5	0.00	79.01	-	-	0.00	0.00	-	0.00
44	2,943	2,944	<b>21.02</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
45	460	465	<b>42.58</b>	108.5	0.00	64.36	-	-	0.00	0.00	-	0.00
46	1,086	1,089	<b>33.24</b>	108.5	0.00	71.74	-	-	0.00	0.00	-	0.00
47	3,419	3,420	<b>19.17</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
48	3,843	3,843	<b>17.69</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
49	5,610	5,611	<b>12.77</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
50	6,827	6,827	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
51	7,286	7,286	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
52	5,676	5,677	<b>12.61</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
53	6,710	6,710	<b>10.40</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
54	6,913	6,914	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
55	7,167	7,168	<b>9.53</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
56	7,714	7,715	<b>8.56</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
57	5,944	5,944	<b>12.00</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
58	6,036	6,036	<b>11.80</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
59	7,681	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
60	8,213	8,213	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00

Sum 43.47



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H207 H207

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,929	8,929	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	2	10,441	10,441	<b>4.57</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	3	10,322	10,322	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	4	9,303	9,304	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	5	9,075	9,075	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	6	9,476	9,476	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	7	8,555	8,556	<b>7.19</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	8	9,555	9,555	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	9	8,533	8,533	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	10	7,761	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	11	8,331	8,331	<b>7.54</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	12	7,269	7,270	<b>9.34</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	13	8,426	8,426	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	14	8,276	8,276	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	15	8,677	8,677	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	16	6,074	6,075	<b>11.72</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	17	6,418	6,418	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	18	6,568	6,568	<b>10.69</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	19	6,027	6,027	<b>11.82</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	20	8,283	8,283	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	21	9,140	9,140	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	22	3,858	3,859	<b>17.64</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
	23	3,869	3,869	<b>17.61</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
	24	4,752	4,752	<b>14.95</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
	25	3,995	3,996	<b>17.19</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	26	4,891	4,891	<b>14.57</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	27	4,229	4,230	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
	28	5,045	5,046	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	29	6,026	6,027	<b>11.82</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	30	5,931	5,932	<b>12.03</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	31	6,402	6,403	<b>11.02</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	32	6,816	6,816	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	33	7,554	7,554	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	34	8,606	8,606	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	35	1,951	1,953	<b>26.14</b>	108.5	0.00	76.81	-	-	0.00	0.00	-	0.00
	36	2,410	2,412	<b>23.41</b>	108.5	0.00	78.65	-	-	0.00	0.00	-	0.00
	37	2,439	2,440	<b>23.25</b>	108.5	0.00	78.75	-	-	0.00	0.00	-	0.00
	38	2,899	2,900	<b>21.20</b>	108.5	0.00	80.25	-	-	0.00	0.00	-	0.00
	39	4,339	4,339	<b>16.13</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	40	4,022	4,022	<b>17.11</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
	41	4,889	4,890	<b>14.57</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	42	1,786	1,788	<b>27.26</b>	108.5	0.00	76.05	-	-	0.00	0.00	-	0.00
	43	2,616	2,618	<b>22.43</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
	44	3,275	3,276	<b>19.71</b>	108.5	0.00	81.31	-	-	0.00	0.00	-	0.00
	45	1,537	1,539	<b>29.11</b>	108.5	0.00	74.75	-	-	0.00	0.00	-	0.00
	46	2,196	2,198	<b>24.62</b>	108.5	0.00	77.84	-	-	0.00	0.00	-	0.00
	47	4,302	4,303	<b>16.24</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	48	4,956	4,956	<b>14.40</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	49	6,635	6,636	<b>10.55</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	50	7,779	7,779	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	51	8,309	8,309	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	52	6,791	6,791	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	53	7,858	7,858	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	54	8,038	8,038	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	55	8,227	8,227	<b>7.71</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	56	8,841	8,842	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	57	7,152	7,153	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	58	7,236	7,237	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	59	8,866	8,866	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	60	9,386	9,386	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00

Sum 35.63

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H208 H208

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,743	9,744	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	2	11,217	11,217	<b>3.63</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	3	11,227	11,227	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	4	9,761	9,761	<b>5.45</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	5	9,603	9,603	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	6	10,076	10,076	<b>5.04</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	7	9,120	9,120	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	8	10,326	10,326	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	9	9,285	9,286	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	10	8,509	8,509	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	11	9,269	9,269	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	12	8,258	8,258	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	13	9,517	9,517	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	14	9,448	9,448	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	15	9,897	9,897	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	16	7,027	7,028	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	17	7,410	7,410	<b>9.09</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	18	7,663	7,663	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	19	7,184	7,184	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	20	9,576	9,576	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	21	10,459	10,459	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	22	4,487	4,487	<b>15.69</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	23	4,624	4,624	<b>15.30</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	24	5,879	5,879	<b>12.15</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	25	4,874	4,875	<b>14.61</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	26	5,910	5,910	<b>12.08</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	27	5,398	5,399	<b>13.27</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
	28	6,266	6,266	<b>11.31</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	29	7,292	7,293	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	30	7,262	7,262	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	31	7,726	7,726	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	32	8,144	8,144	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	33	8,867	8,867	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	34	9,946	9,946	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	35	2,647	2,648	<b>22.29</b>	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
	36	3,256	3,257	<b>19.78</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
	37	3,490	3,491	<b>18.91</b>	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	38	4,222	4,223	<b>16.48</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	39	5,636	5,637	<b>12.71</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
	40	5,364	5,365	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	41	6,229	6,229	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	42	3,140	3,141	<b>20.23</b>	108.5	0.00	80.94	-	-	0.00	0.00	-	0.00
	43	3,973	3,974	<b>17.26</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
	44	4,616	4,617	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	45	2,502	2,504	<b>22.95</b>	108.5	0.00	78.97	-	-	0.00	0.00	-	0.00
	46	3,134	3,135	<b>20.25</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
	47	5,451	5,451	<b>13.15</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	48	5,858	5,858	<b>12.20</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	49	7,657	7,658	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	50	8,878	8,878	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	51	9,331	9,332	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	52	7,679	7,680	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	53	8,668	8,669	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	54	8,901	8,902	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	55	9,201	9,202	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	56	9,697	9,697	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	57	7,667	7,668	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	58	7,852	7,852	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	59	9,553	9,554	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	60	10,113	10,114	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00

Sum 31.26

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H209 H209

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,314	10,314	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
2	11,713	11,713	<b>3.06</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
3	11,893	11,893	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
4	9,888	9,888	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
5	9,820	9,820	<b>5.38</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
6	10,369	10,369	<b>4.66</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
7	9,393	9,394	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
8	10,830	10,830	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
9	9,787	9,787	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
10	9,024	9,024	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
11	10,010	10,010	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
12	9,087	9,087	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
13	10,464	10,464	<b>4.54</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
14	10,517	10,517	<b>4.48</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
15	11,039	11,039	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
16	7,843	7,843	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
17	8,264	8,264	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
18	8,649	8,649	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
19	8,267	8,267	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
20	10,853	10,853	<b>4.06</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
21	11,790	11,790	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
22	5,068	5,068	<b>14.10</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
23	5,331	5,331	<b>13.44</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
24	6,953	6,953	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
25	5,699	5,699	<b>12.56</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
26	6,845	6,845	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
27	6,542	6,542	<b>10.74</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
28	7,459	7,459	<b>9.00</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
29	8,541	8,541	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
30	8,640	8,640	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
31	9,085	9,085	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
32	9,510	9,510	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
33	10,194	10,194	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
34	11,339	11,339	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
35	3,552	3,553	<b>18.69</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
36	4,195	4,196	<b>16.57</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
37	4,600	4,601	<b>15.37</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
38	5,622	5,622	<b>12.74</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
39	6,965	6,965	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
40	6,792	6,792	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
41	7,641	7,641	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
42	4,679	4,679	<b>15.15</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
43	5,495	5,496	<b>13.04</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
44	6,175	6,176	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
45	4,098	4,099	<b>16.87</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
46	4,714	4,715	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
47	7,054	7,054	<b>9.74</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
48	7,392	7,393	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
49	9,225	9,225	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
50	10,466	10,466	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
51	10,894	10,894	<b>4.01</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
52	9,193	9,193	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
53	10,138	10,138	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
54	10,396	10,396	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
55	10,745	10,745	<b>4.19</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
56	11,183	11,183	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
57	8,970	8,970	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
58	9,216	9,216	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
59	10,945	10,945	<b>3.95</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
60	11,526	11,526	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00

Sum 27.84

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H210 H210

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,359	9,359	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	2	10,596	10,596	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	3	11,025	11,025	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	4	8,337	8,337	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	5	8,388	8,388	<b>7.45</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	6	9,017	9,017	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	7	8,055	8,055	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	8	9,755	9,755	<b>5.46</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	9	8,753	8,753	<b>6.89</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	10	8,048	8,048	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	11	9,335	9,335	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	12	8,605	8,605	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	13	10,119	10,119	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	14	10,394	10,394	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	15	11,039	11,039	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	16	7,422	7,422	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	17	7,876	7,876	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	18	8,466	8,466	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	19	8,286	8,286	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	20	11,151	11,151	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	21	12,185	12,185	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	22	4,618	4,618	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	23	5,027	5,027	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	24	7,058	7,058	<b>9.73</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	25	5,523	5,524	<b>12.97</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	26	6,715	6,715	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	27	6,815	6,815	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	28	7,748	7,749	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	29	8,876	8,876	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	30	9,268	9,268	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	31	9,643	9,643	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	32	10,068	10,068	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	33	10,629	10,629	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	34	11,903	11,903	<b>2.85</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	35	3,986	3,986	<b>17.22</b>	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
	36	4,493	4,494	<b>15.68</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
	37	5,081	5,082	<b>14.07</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	38	6,508	6,509	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	39	7,574	7,575	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	40	7,649	7,649	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	41	8,403	8,404	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	42	6,015	6,016	<b>11.85</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	43	6,710	6,710	<b>10.40</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	44	7,474	7,474	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	45	5,968	5,969	<b>11.95</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
	46	6,630	6,630	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	47	8,781	8,781	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	48	9,396	9,396	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	49	11,122	11,122	<b>3.74</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	50	12,263	12,263	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	51	12,796	12,797	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	52	11,230	11,230	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	53	12,250	12,250	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	54	12,465	12,465	<b>2.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	55	12,705	12,705	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	56	13,265	13,265	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	57	11,256	11,256	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	58	11,453	11,453	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	59	13,155	13,155	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	60	13,713	13,713	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00

Sum 26.73

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H211 H211

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,472	9,472	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
2	10,718	10,718	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
3	11,136	11,136	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
4	8,476	8,476	<b>7.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
5	8,522	8,522	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
6	9,148	9,149	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
7	8,185	8,185	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
8	9,875	9,875	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
9	8,869	8,869	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
10	8,160	8,160	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
11	9,433	9,433	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
12	8,691	8,691	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
13	10,200	10,200	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
14	10,463	10,463	<b>4.54</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
15	11,102	11,102	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
16	7,502	7,502	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
17	7,956	7,956	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
18	8,535	8,535	<b>7.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
19	8,342	8,343	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
20	11,196	11,196	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
21	12,225	12,225	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
22	4,688	4,688	<b>15.12</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
23	5,090	5,090	<b>14.05</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
24	7,106	7,106	<b>9.64</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
25	5,581	5,582	<b>12.83</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
26	6,776	6,776	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
27	6,851	6,851	<b>10.13</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
28	7,787	7,787	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
29	8,914	8,914	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
30	9,288	9,288	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
31	9,669	9,669	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
32	10,095	10,095	<b>5.01</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
33	10,665	10,665	<b>4.29</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
34	11,932	11,932	<b>2.82</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
35	3,992	3,993	<b>17.20</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
36	4,514	4,514	<b>15.62</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
37	5,095	5,096	<b>14.03</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
38	6,504	6,504	<b>10.81</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
39	7,592	7,592	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
40	7,650	7,651	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
41	8,414	8,414	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
42	5,979	5,979	<b>11.93</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
43	6,685	6,685	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
44	7,445	7,446	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
45	5,894	5,895	<b>12.11</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
46	6,554	6,554	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
47	8,724	8,725	<b>6.93</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
48	9,317	9,318	<b>6.07</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
49	11,054	11,054	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
50	12,204	12,205	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
51	12,730	12,730	<b>1.98</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
52	11,150	11,150	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
53	12,163	12,164	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
54	12,383	12,383	<b>2.34</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
55	12,633	12,633	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
56	13,182	13,182	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
57	11,150	11,150	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
58	11,353	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
59	13,059	13,059	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
60	13,619	13,619	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00

Sum 26.68

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H212 H212

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,567	9,567	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
2	10,817	10,817	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
3	11,229	11,229	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
4	8,582	8,583	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
5	8,627	8,627	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
6	9,252	9,252	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
7	8,288	8,288	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
8	9,973	9,973	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
9	8,966	8,966	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
10	8,255	8,255	<b>7.66</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
11	9,521	9,521	<b>5.78</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
12	8,772	8,772	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
13	10,278	10,278	<b>4.78</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
14	10,534	10,534	<b>4.45</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
15	11,169	11,169	<b>3.69</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
16	7,580	7,580	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
17	8,033	8,033	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
18	8,606	8,606	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
19	8,406	8,406	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
20	11,252	11,252	<b>3.59</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
21	12,278	12,278	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
22	4,760	4,761	<b>14.92</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
23	5,159	5,159	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
24	7,164	7,165	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
25	5,647	5,647	<b>12.68</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
26	6,842	6,843	<b>10.14</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
27	6,903	6,903	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
28	7,840	7,840	<b>8.35</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
29	8,967	8,967	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
30	9,330	9,330	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
31	9,713	9,713	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
32	10,140	10,140	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
33	10,715	10,715	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
34	11,979	11,979	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
35	4,026	4,027	<b>17.10</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
36	4,557	4,557	<b>15.49</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
37	5,133	5,134	<b>13.94</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
38	6,529	6,530	<b>10.76</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
39	7,632	7,632	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
40	7,679	7,680	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
41	8,448	8,448	<b>7.36</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
42	5,982	5,982	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
43	6,695	6,696	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
44	7,453	7,454	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
45	5,869	5,869	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
46	6,527	6,528	<b>10.77</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
47	8,712	8,712	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
48	9,288	9,288	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
49	11,033	11,033	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
50	12,190	12,190	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
51	12,709	12,709	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
52	11,119	11,119	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
53	12,127	12,128	<b>2.61</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
54	12,350	12,351	<b>2.37</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
55	12,608	12,609	<b>2.10</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
56	13,149	13,149	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
57	11,098	11,098	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
58	11,306	11,306	<b>3.53</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
59	13,014	13,015	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
60	13,577	13,577	<b>1.14</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00

Sum 26.59

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H213 H213

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,681	9,681	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	2	10,939	10,939	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	3	11,342	11,342	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	4	8,716	8,716	<b>6.95</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	5	8,757	8,757	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	6	9,380	9,380	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	7	8,415	8,415	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	8	10,092	10,092	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	9	9,083	9,083	<b>6.40</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	10	8,369	8,369	<b>7.48</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	11	9,624	9,624	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	12	8,866	8,866	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	13	10,368	10,368	<b>4.66</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	14	10,613	10,613	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	15	11,243	11,243	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	16	7,669	7,670	<b>8.64</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	17	8,122	8,122	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	18	8,686	8,686	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	19	8,476	8,476	<b>7.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	20	11,312	11,312	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	21	12,333	12,333	<b>2.39</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	22	4,843	4,844	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	23	5,236	5,237	<b>13.67</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	24	7,228	7,228	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	25	5,720	5,720	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	26	6,917	6,917	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	27	6,957	6,957	<b>9.92</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	28	7,895	7,895	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	29	9,022	9,022	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	30	9,369	9,369	<b>5.99</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	31	9,757	9,757	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	32	10,184	10,184	<b>4.90</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	33	10,767	10,767	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	34	12,024	12,024	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	35	4,058	4,059	<b>16.99</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
	36	4,600	4,600	<b>15.37</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
	37	5,170	5,170	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	38	6,549	6,549	<b>10.72</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	39	7,669	7,669	<b>8.64</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	40	7,703	7,703	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	41	8,478	8,478	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	42	5,972	5,973	<b>11.94</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
	43	6,695	6,696	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	44	7,450	7,450	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	45	5,823	5,824	<b>12.27</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	46	6,479	6,480	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	47	8,681	8,681	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	48	9,236	9,236	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	49	10,991	10,991	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	50	12,157	12,157	<b>2.58</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	51	12,667	12,668	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,065	11,066	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	53	12,067	12,067	<b>2.68</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	54	12,294	12,294	<b>2.43</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	55	12,562	12,562	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	56	13,091	13,091	<b>1.61</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	57	11,018	11,018	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	58	11,232	11,232	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	59	12,944	12,944	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	60	13,509	13,509	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00

Sum 26.49

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H214 H214

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,893	9,893	<b>5.28</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	2	11,164	11,164	<b>3.69</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	3	11,549	11,549	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	4	8,968	8,968	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	5	9,002	9,002	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	6	9,620	9,621	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	7	8,653	8,653	<b>7.04</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	8	10,314	10,314	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	9	9,300	9,300	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	10	8,581	8,581	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	11	9,813	9,813	<b>5.39</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	12	9,037	9,037	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	13	10,529	10,529	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	14	10,754	10,754	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	15	11,373	11,373	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	16	7,832	7,832	<b>8.36</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	17	8,282	8,282	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	18	8,829	8,829	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	19	8,599	8,599	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	20	11,412	11,412	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	21	12,425	12,425	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	22	4,995	4,996	<b>14.29</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	23	5,377	5,377	<b>13.33</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	24	7,338	7,338	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	25	5,851	5,852	<b>12.21</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	26	7,049	7,049	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	27	7,049	7,049	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	28	7,989	7,989	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	29	9,114	9,114	<b>6.36</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	30	9,431	9,431	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	31	9,827	9,828	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	32	10,255	10,255	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	33	10,852	10,852	<b>4.06</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	34	12,098	12,098	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	35	4,113	4,114	<b>16.82</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	36	4,675	4,676	<b>15.16</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	37	5,231	5,231	<b>13.69</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	38	6,573	6,574	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	39	7,729	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	40	7,736	7,736	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	41	8,524	8,524	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	42	5,942	5,943	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	43	6,683	6,683	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	44	7,430	7,430	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	45	5,724	5,724	<b>12.50</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	46	6,375	6,375	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	47	8,608	8,608	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	48	9,121	9,122	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	49	10,895	10,895	<b>4.01</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	50	12,077	12,077	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	51	12,571	12,571	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	52	10,946	10,946	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	53	11,934	11,935	<b>2.82</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	54	12,170	12,170	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	55	12,456	12,457	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	56	12,965	12,965	<b>1.74</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	57	10,849	10,849	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	58	11,074	11,074	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	59	12,792	12,792	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	60	13,362	13,362	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00

Sum 26.35



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H215 H215

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,069	10,069	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	2	11,353	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	3	11,720	11,720	<b>3.06</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	4	9,184	9,184	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	5	9,210	9,211	<b>6.22</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	6	9,824	9,824	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	7	8,855	8,855	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	8	10,499	10,499	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	9	9,481	9,481	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	10	8,756	8,756	<b>6.89</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	11	9,967	9,967	<b>5.18</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	12	9,174	9,174	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	13	10,656	10,656	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	14	10,863	10,863	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	15	11,471	11,471	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	16	7,962	7,962	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	17	8,410	8,410	<b>7.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	18	8,940	8,940	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	19	8,692	8,692	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	20	11,483	11,483	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	21	12,487	12,487	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	22	5,119	5,120	<b>13.97</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	23	5,490	5,490	<b>13.05</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	24	7,421	7,421	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	25	5,955	5,955	<b>11.98</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	26	7,152	7,152	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	27	7,116	7,116	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	28	8,056	8,056	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	29	9,179	9,179	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	30	9,468	9,468	<b>5.86</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	31	9,872	9,872	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	32	10,300	10,300	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	33	10,909	10,909	<b>4.00</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	34	12,144	12,144	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	35	4,152	4,153	<b>16.70</b>	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
	36	4,730	4,731	<b>15.01</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
	37	5,272	5,272	<b>13.59</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	38	6,580	6,580	<b>10.66</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	39	7,765	7,765	<b>8.47</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	40	7,747	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	41	8,546	8,546	<b>7.21</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	42	5,900	5,901	<b>12.10</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	43	6,656	6,656	<b>10.51</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	44	7,395	7,395	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	45	5,620	5,620	<b>12.74</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	46	6,266	6,266	<b>11.31</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	47	8,524	8,525	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	48	9,001	9,001	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	49	10,790	10,790	<b>4.14</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	50	11,986	11,986	<b>2.76</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	51	12,466	12,466	<b>2.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	52	10,821	10,821	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	53	11,798	11,798	<b>2.97</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	54	12,040	12,040	<b>2.70</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	55	12,343	12,343	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	56	12,833	12,833	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	57	10,681	10,681	<b>4.27</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	58	10,916	10,916	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	59	12,639	12,639	<b>2.07</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	60	13,213	13,213	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00

Sum 26.26

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H217 H217

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,912	8,912	6.65	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
2	10,215	10,215	4.86	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
3	10,556	10,556	4.43	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
4	8,134	8,134	7.86	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
5	8,129	8,129	7.87	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
6	8,725	8,725	6.93	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
7	7,751	7,752	8.49	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
8	9,354	9,354	6.02	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
9	8,331	8,331	7.54	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
10	7,599	7,600	8.76	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
11	8,795	8,795	6.83	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
12	8,003	8,003	8.07	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
13	9,490	9,490	5.83	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
14	9,713	9,713	5.52	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
15	10,334	10,334	4.71	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
16	6,794	6,794	10.24	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
17	7,243	7,243	9.39	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
18	7,787	7,787	8.43	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
19	7,562	7,562	8.82	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
20	10,389	10,389	4.64	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
21	11,410	11,410	3.41	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
22	3,955	3,955	17.32	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
23	4,335	4,336	16.14	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
24	6,308	6,308	11.22	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
25	4,811	4,811	14.78	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
26	6,009	6,009	11.86	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
27	6,034	6,034	11.81	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
28	6,972	6,972	9.90	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
29	8,099	8,099	7.92	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
30	8,452	8,452	7.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
31	8,837	8,837	6.77	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
32	9,263	9,264	6.14	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
33	9,844	9,844	5.34	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
34	11,103	11,103	3.76	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
35	3,148	3,149	20.19	108.5	0.00	80.96	-	-	0.00	0.00	-	0.00
36	3,680	3,680	18.24	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
37	4,255	4,255	16.38	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
38	5,659	5,659	12.65	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
39	6,753	6,753	10.32	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
40	6,805	6,805	10.22	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
41	7,570	7,570	8.81	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
42	5,158	5,159	13.87	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
43	5,850	5,851	12.21	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
44	6,614	6,615	10.59	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
45	5,162	5,162	13.86	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
46	5,825	5,826	12.27	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
47	7,940	7,941	8.18	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
48	8,595	8,595	7.13	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
49	10,297	10,297	4.75	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
50	11,423	11,423	3.39	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
51	11,970	11,970	2.78	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
52	10,431	10,431	4.58	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
53	11,468	11,468	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
54	11,671	11,671	3.11	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
55	11,887	11,888	2.87	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
56	12,473	12,473	2.24	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
57	10,545	10,545	4.44	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
58	10,716	10,717	4.23	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
59	12,404	12,404	2.32	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
60	12,952	12,952	1.75	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00

Sum 28.52

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H220 H220

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,388	8,388	7.45	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
2	9,789	9,789	5.42	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
3	9,971	9,971	5.18	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
4	8,047	8,047	8.00	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
5	7,947	7,948	8.16	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
6	8,476	8,477	7.31	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
7	7,503	7,504	8.92	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
8	8,905	8,905	6.66	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
9	7,862	7,862	8.31	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
10	7,098	7,098	9.66	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
11	8,102	8,102	7.91	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
12	7,204	7,204	9.46	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
13	8,620	8,620	7.09	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
14	8,738	8,738	6.91	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
15	9,307	9,307	6.08	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
16	5,964	5,964	11.96	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
17	6,395	6,396	11.04	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
18	6,837	6,838	10.15	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
19	6,521	6,521	10.78	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
20	9,250	9,250	6.16	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
21	10,241	10,241	4.82	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
22	3,155	3,156	20.17	108.5	0.00	80.98	-	-	0.00	0.00	-	0.00
23	3,446	3,446	19.07	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
24	5,225	5,226	13.70	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
25	3,852	3,852	17.66	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
26	5,030	5,031	14.20	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
27	4,883	4,883	14.59	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
28	5,822	5,822	12.28	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
29	6,938	6,939	9.96	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
30	7,204	7,204	9.46	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
31	7,610	7,610	8.74	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
32	8,038	8,038	8.02	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
33	8,657	8,657	7.04	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
34	9,882	9,882	5.29	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
35	1,891	1,893	26.54	108.5	0.00	76.54	-	-	0.00	0.00	-	0.00
36	2,488	2,489	23.02	108.5	0.00	78.92	-	-	0.00	0.00	-	0.00
37	3,010	3,011	20.75	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
38	4,335	4,336	16.14	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
39	5,500	5,501	13.03	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
40	5,495	5,496	13.04	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
41	6,285	6,285	11.27	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
42	3,800	3,801	17.83	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
43	4,493	4,494	15.68	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
44	5,256	5,256	13.63	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
45	3,908	3,909	17.48	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
46	4,571	4,572	15.45	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
47	6,608	6,609	10.60	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
48	7,333	7,333	9.23	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
49	8,990	8,990	6.54	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
50	10,090	10,090	5.02	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
51	10,657	10,658	4.30	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
52	9,168	9,168	6.28	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
53	10,232	10,232	4.84	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
54	10,415	10,415	4.60	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
55	10,591	10,591	4.38	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
56	11,218	11,219	3.63	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
57	9,437	9,437	5.90	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
58	9,563	9,563	5.72	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
59	11,219	11,219	3.63	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
60	11,750	11,750	3.02	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00

Sum 32.20

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H221 H221

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,204	9,204	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	2	10,588	10,588	<b>4.39</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	3	10,799	10,799	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	4	8,746	8,746	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	5	8,677	8,677	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	6	9,228	9,228	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	7	8,252	8,252	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	8	9,708	9,708	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	9	8,666	8,667	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	10	7,907	7,907	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	11	8,941	8,941	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	12	8,051	8,051	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	13	9,467	9,467	<b>5.86</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	14	9,578	9,578	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	15	10,139	10,140	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	16	6,811	6,812	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	17	7,243	7,243	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	18	7,682	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	19	7,354	7,354	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	20	10,052	10,052	<b>5.07</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	21	11,029	11,029	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	22	3,996	3,997	<b>17.19</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	23	4,293	4,294	<b>16.27</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	24	6,053	6,053	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	25	4,698	4,699	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
	26	5,874	5,874	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	27	5,692	5,692	<b>12.58</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	28	6,627	6,627	<b>10.57</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	29	7,737	7,737	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	30	7,952	7,952	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	31	8,371	8,371	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	32	8,800	8,800	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	33	9,439	9,440	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	34	10,642	10,642	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	35	2,679	2,680	<b>22.15</b>	108.5	0.00	79.56	-	-	0.00	0.00	-	0.00
	36	3,299	3,300	<b>19.62</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
	37	3,787	3,788	<b>17.88</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
	38	5,015	5,015	<b>14.24</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	39	6,251	6,252	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	40	6,188	6,188	<b>11.47</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	41	7,002	7,003	<b>9.84</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	42	4,308	4,309	<b>16.22</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	43	5,063	5,064	<b>14.11</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
	44	5,802	5,802	<b>12.32</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
	45	4,122	4,123	<b>16.79</b>	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	46	4,781	4,782	<b>14.86</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	47	6,976	6,976	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	48	7,545	7,545	<b>8.85</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	49	9,286	9,287	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	50	10,450	10,450	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	51	10,962	10,963	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	52	9,377	9,378	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	53	10,396	10,396	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	54	10,612	10,612	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	55	10,861	10,862	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	56	11,411	11,412	<b>3.41</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	57	9,434	9,435	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	58	9,614	9,615	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	59	11,309	11,309	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	60	11,863	11,864	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00

Sum 29.65

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H222 H222

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,656	7,656	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
2	9,171	9,171	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
3	9,042	9,042	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
4	8,138	8,138	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
5	7,880	7,880	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
6	8,253	8,253	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
7	7,349	7,350	<b>9.20</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
8	8,287	8,287	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
9	7,270	7,271	<b>9.34</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
10	6,501	6,502	<b>10.82</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
11	7,053	7,053	<b>9.74</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
12	5,995	5,995	<b>11.89</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
13	7,181	7,181	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
14	7,077	7,077	<b>9.70</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
15	7,521	7,522	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
16	4,796	4,796	<b>14.83</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
17	5,143	5,143	<b>13.91</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
18	5,322	5,322	<b>13.46</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
19	4,816	4,816	<b>14.77</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
20	7,234	7,234	<b>9.41</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
21	8,152	8,152	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
22	2,687	2,688	<b>22.11</b>	108.5	0.00	79.59	-	-	0.00	0.00	-	0.00
23	2,636	2,636	<b>22.34</b>	108.5	0.00	79.42	-	-	0.00	0.00	-	0.00
24	3,519	3,519	<b>18.81</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
25	2,724	2,725	<b>21.95</b>	108.5	0.00	79.71	-	-	0.00	0.00	-	0.00
26	3,618	3,619	<b>18.46</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
27	3,024	3,025	<b>20.69</b>	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
28	3,892	3,893	<b>17.53</b>	108.5	0.00	82.80	-	-	0.00	0.00	-	0.00
29	4,935	4,935	<b>14.45</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
30	4,998	4,998	<b>14.29</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
31	5,441	5,442	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
32	5,866	5,867	<b>12.18</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
33	6,556	6,556	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
34	7,697	7,697	<b>8.59</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
35	934	938	<b>34.96</b>	108.5	0.00	70.44	-	-	0.00	0.00	-	0.00
36	1,187	1,189	<b>32.21</b>	108.5	0.00	72.50	-	-	0.00	0.00	-	0.00
37	1,163	1,166	<b>32.44</b>	108.5	0.00	72.33	-	-	0.00	0.00	-	0.00
38	2,006	2,007	<b>25.79</b>	108.5	0.00	77.05	-	-	0.00	0.00	-	0.00
39	3,322	3,323	<b>19.53</b>	108.5	0.00	81.43	-	-	0.00	0.00	-	0.00
40	3,181	3,182	<b>20.07</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
41	4,012	4,012	<b>17.14</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
42	1,528	1,530	<b>29.18</b>	108.5	0.00	74.70	-	-	0.00	0.00	-	0.00
43	2,129	2,131	<b>25.02</b>	108.5	0.00	77.57	-	-	0.00	0.00	-	0.00
44	2,901	2,902	<b>21.19</b>	108.5	0.00	80.25	-	-	0.00	0.00	-	0.00
45	2,338	2,340	<b>23.81</b>	108.5	0.00	78.38	-	-	0.00	0.00	-	0.00
46	2,888	2,890	<b>21.25</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
47	4,450	4,451	<b>15.80</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
48	5,438	5,438	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
49	6,896	6,896	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
50	7,889	7,889	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
51	8,529	8,530	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
52	7,225	7,225	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
53	8,356	8,356	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
54	8,472	8,472	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
55	8,518	8,518	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
56	9,271	9,271	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
57	7,941	7,941	<b>8.18</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
58	7,940	7,940	<b>8.18</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
59	9,473	9,473	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
60	9,947	9,947	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00

Sum 40.05

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H224 H224

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,144	8,144	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	2	9,670	9,670	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	3	9,473	9,473	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	4	8,755	8,756	<b>6.89</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	5	8,479	8,480	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	6	8,828	8,828	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	7	7,941	7,941	<b>8.18</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	8	8,793	8,793	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	9	7,791	7,791	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	10	7,030	7,030	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	11	7,473	7,473	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	12	6,388	6,388	<b>11.05</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	13	7,483	7,483	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	14	7,296	7,296	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	15	7,680	7,680	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	16	5,226	5,226	<b>13.70</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	17	5,541	5,541	<b>12.93</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	18	5,629	5,629	<b>12.72</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	19	5,059	5,059	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	20	7,274	7,274	<b>9.34</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	21	8,136	8,136	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	22	3,322	3,323	<b>19.53</b>	108.5	0.00	81.43	-	-	0.00	0.00	-	0.00
	23	3,227	3,228	<b>19.89</b>	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
	24	3,808	3,808	<b>17.81</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	25	3,247	3,248	<b>19.81</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
	26	4,015	4,016	<b>17.13</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	27	3,266	3,267	<b>19.74</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	28	4,054	4,054	<b>17.01</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	29	5,020	5,020	<b>14.23</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	30	4,932	4,932	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	31	5,400	5,400	<b>13.27</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
	32	5,815	5,815	<b>12.29</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	33	6,548	6,548	<b>10.73</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	34	7,614	7,614	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	35	1,610	1,612	<b>28.54</b>	108.5	0.00	75.15	-	-	0.00	0.00	-	0.00
	36	1,816	1,818	<b>27.05</b>	108.5	0.00	76.19	-	-	0.00	0.00	-	0.00
	37	1,628	1,630	<b>28.40</b>	108.5	0.00	75.25	-	-	0.00	0.00	-	0.00
	38	1,894	1,896	<b>26.51</b>	108.5	0.00	76.56	-	-	0.00	0.00	-	0.00
	39	3,330	3,331	<b>19.50</b>	108.5	0.00	81.45	-	-	0.00	0.00	-	0.00
	40	3,033	3,034	<b>20.65</b>	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00
	41	3,897	3,897	<b>17.51</b>	108.5	0.00	82.82	-	-	0.00	0.00	-	0.00
	42	974	978	<b>34.48</b>	108.5	0.00	70.80	-	-	0.00	0.00	-	0.00
	43	1,724	1,726	<b>27.69</b>	108.5	0.00	75.74	-	-	0.00	0.00	-	0.00
	44	2,456	2,457	<b>23.17</b>	108.5	0.00	78.81	-	-	0.00	0.00	-	0.00
	45	1,689	1,691	<b>27.95</b>	108.5	0.00	75.56	-	-	0.00	0.00	-	0.00
	46	2,215	2,217	<b>24.51</b>	108.5	0.00	77.92	-	-	0.00	0.00	-	0.00
	47	3,839	3,839	<b>17.71</b>	108.5	0.00	82.68	-	-	0.00	0.00	-	0.00
	48	4,772	4,773	<b>14.89</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	49	6,270	6,271	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	50	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	51	7,917	7,917	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	52	6,569	6,569	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	53	7,693	7,694	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	54	7,818	7,818	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	55	7,889	7,890	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	56	8,619	8,619	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	57	7,265	7,265	<b>9.35</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	58	7,262	7,263	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	59	8,801	8,801	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	60	9,278	9,279	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00

Sum 39.12

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H225 H225

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,439	7,439	<b>9.04</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	2	8,940	8,940	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	3	8,388	8,388	<b>7.45</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	4	8,904	8,904	<b>6.66</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	5	8,489	8,490	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	6	8,629	8,630	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	7	7,922	7,922	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	8	8,148	8,148	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	9	7,299	7,300	<b>9.29</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	10	6,649	6,650	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	11	6,462	6,462	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	12	5,345	5,345	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	13	5,943	5,943	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	14	5,457	5,457	<b>13.13</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	15	5,618	5,618	<b>12.75</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	16	4,528	4,529	<b>15.58</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	17	4,633	4,633	<b>15.28</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	18	4,297	4,298	<b>16.25</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	19	3,555	3,556	<b>18.68</b>	108.5	0.00	82.02	-	-	0.00	0.00	-	0.00
	20	4,904	4,904	<b>14.53</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	21	5,624	5,624	<b>12.73</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	22	4,275	4,276	<b>16.32</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	23	3,904	3,905	<b>17.49</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
	24	2,818	2,819	<b>21.55</b>	108.5	0.00	80.00	-	-	0.00	0.00	-	0.00
	25	3,542	3,543	<b>18.73</b>	108.5	0.00	81.99	-	-	0.00	0.00	-	0.00
	26	3,436	3,436	<b>19.11</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
	27	2,312	2,313	<b>23.96</b>	108.5	0.00	78.28	-	-	0.00	0.00	-	0.00
	28	2,454	2,455	<b>23.18</b>	108.5	0.00	78.80	-	-	0.00	0.00	-	0.00
	29	2,941	2,941	<b>21.03</b>	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
	30	2,431	2,432	<b>23.30</b>	108.5	0.00	78.72	-	-	0.00	0.00	-	0.00
	31	2,925	2,925	<b>21.10</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
	32	3,299	3,299	<b>19.62</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
	33	4,095	4,095	<b>16.88</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
	34	5,001	5,001	<b>14.28</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
	35	3,625	3,626	<b>18.43</b>	108.5	0.00	82.19	-	-	0.00	0.00	-	0.00
	36	3,283	3,284	<b>19.68</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
	37	2,666	2,667	<b>22.21</b>	108.5	0.00	79.52	-	-	0.00	0.00	-	0.00
	38	1,099	1,102	<b>33.10</b>	108.5	0.00	71.84	-	-	0.00	0.00	-	0.00
	39	1,399	1,401	<b>30.26</b>	108.5	0.00	73.93	-	-	0.00	0.00	-	0.00
	40	642	647	<b>39.08</b>	108.5	0.00	67.22	-	-	0.00	0.00	-	0.00
	41	1,379	1,381	<b>30.43</b>	108.5	0.00	73.80	-	-	0.00	0.00	-	0.00
	42	1,909	1,911	<b>26.41</b>	108.5	0.00	76.63	-	-	0.00	0.00	-	0.00
	43	1,075	1,078	<b>33.35</b>	108.5	0.00	71.66	-	-	0.00	0.00	-	0.00
	44	840	845	<b>36.14</b>	108.5	0.00	69.53	-	-	0.00	0.00	-	0.00
	45	3,251	3,252	<b>19.80</b>	108.5	0.00	81.24	-	-	0.00	0.00	-	0.00
	46	3,194	3,195	<b>20.02</b>	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
	47	2,702	2,703	<b>22.05</b>	108.5	0.00	79.64	-	-	0.00	0.00	-	0.00
	48	4,194	4,195	<b>16.57</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
	49	4,914	4,914	<b>14.51</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	50	5,538	5,539	<b>12.94</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	51	6,336	6,337	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	52	5,581	5,581	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	53	6,751	6,751	<b>10.32</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	54	6,714	6,715	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	55	6,459	6,459	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	56	7,450	7,451	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	57	7,112	7,113	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	58	6,878	6,879	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	59	8,045	8,046	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	60	8,378	8,379	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00

Sum 43.38

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H226 H226

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,506	7,506	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	2	9,035	9,035	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	3	8,631	8,631	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	4	8,643	8,643	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	5	8,277	8,278	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	6	8,502	8,502	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	7	7,714	7,714	<b>8.56</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	8	8,199	8,199	<b>7.75</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	9	7,274	7,274	<b>9.34</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	10	6,566	6,567	<b>10.69</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	11	6,647	6,647	<b>10.53</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	12	5,522	5,522	<b>12.98</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	13	6,364	6,364	<b>11.10</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	14	6,018	6,018	<b>11.84</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	15	6,295	6,295	<b>11.25</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	16	4,524	4,524	<b>15.59</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	17	4,728	4,728	<b>15.01</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	18	4,583	4,584	<b>15.42</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	19	3,903	3,903	<b>17.49</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
	20	5,740	5,740	<b>12.47</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	21	6,543	6,543	<b>10.74</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	22	3,607	3,608	<b>18.50</b>	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
	23	3,308	3,309	<b>19.58</b>	108.5	0.00	81.39	-	-	0.00	0.00	-	0.00
	24	2,857	2,858	<b>21.38</b>	108.5	0.00	80.12	-	-	0.00	0.00	-	0.00
	25	3,061	3,062	<b>20.54</b>	108.5	0.00	80.72	-	-	0.00	0.00	-	0.00
	26	3,321	3,322	<b>19.53</b>	108.5	0.00	81.43	-	-	0.00	0.00	-	0.00
	27	2,279	2,280	<b>24.14</b>	108.5	0.00	78.16	-	-	0.00	0.00	-	0.00
	28	2,799	2,799	<b>21.63</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
	29	3,585	3,585	<b>18.58</b>	108.5	0.00	82.09	-	-	0.00	0.00	-	0.00
	30	3,325	3,326	<b>19.52</b>	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
	31	3,807	3,807	<b>17.81</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	32	4,210	4,211	<b>16.52</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	33	4,973	4,973	<b>14.35</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	34	5,979	5,979	<b>11.93</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	35	2,638	2,640	<b>22.33</b>	108.5	0.00	79.43	-	-	0.00	0.00	-	0.00
	36	2,394	2,395	<b>23.50</b>	108.5	0.00	78.59	-	-	0.00	0.00	-	0.00
	37	1,816	1,817	<b>27.05</b>	108.5	0.00	76.19	-	-	0.00	0.00	-	0.00
	38	509	514	<b>41.55</b>	108.5	0.00	65.21	-	-	0.00	0.00	-	0.00
	39	1,866	1,867	<b>26.71</b>	108.5	0.00	76.42	-	-	0.00	0.00	-	0.00
	40	1,401	1,403	<b>30.24</b>	108.5	0.00	73.94	-	-	0.00	0.00	-	0.00
	41	2,269	2,270	<b>24.20</b>	108.5	0.00	78.12	-	-	0.00	0.00	-	0.00
	42	964	968	<b>34.59</b>	108.5	0.00	70.72	-	-	0.00	0.00	-	0.00
	43	417	425	<b>43.52</b>	108.5	0.00	63.56	-	-	0.00	0.00	-	0.00
	44	1,087	1,090	<b>33.22</b>	108.5	0.00	71.75	-	-	0.00	0.00	-	0.00
	45	2,480	2,482	<b>23.05</b>	108.5	0.00	78.90	-	-	0.00	0.00	-	0.00
	46	2,614	2,615	<b>22.44</b>	108.5	0.00	79.35	-	-	0.00	0.00	-	0.00
	47	3,000	3,001	<b>20.79</b>	108.5	0.00	80.55	-	-	0.00	0.00	-	0.00
	48	4,327	4,327	<b>16.17</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
	49	5,411	5,411	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	50	6,224	6,225	<b>11.39</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	51	6,954	6,954	<b>9.93</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	52	5,934	5,934	<b>12.03</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	53	7,107	7,107	<b>9.64</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	54	7,137	7,137	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	55	7,015	7,015	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	56	7,909	7,909	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	57	7,151	7,152	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	58	7,007	7,007	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	59	8,342	8,342	<b>7.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	60	8,737	8,738	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00

Sum 46.69



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H227 H227

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,634	7,634	<b>8.70</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	2	9,107	9,107	<b>6.37</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	3	8,469	8,469	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	4	9,268	9,268	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	5	8,830	8,830	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	6	8,924	8,925	<b>6.63</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	7	8,264	8,264	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	8	8,347	8,347	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	9	7,549	7,549	<b>8.85</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	10	6,937	6,937	<b>9.96</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	11	6,597	6,598	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	12	5,502	5,502	<b>13.02</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	13	5,931	5,932	<b>12.03</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	14	5,352	5,352	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	15	5,421	5,421	<b>13.22</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	16	4,806	4,807	<b>14.80</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	17	4,853	4,854	<b>14.67</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	18	4,411	4,411	<b>15.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	19	3,653	3,654	<b>18.34</b>	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
	20	4,577	4,577	<b>15.44</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	21	5,205	5,206	<b>13.75</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	22	4,849	4,850	<b>14.68</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	23	4,458	4,458	<b>15.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	24	3,135	3,136	<b>20.25</b>	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
	25	4,061	4,062	<b>16.98</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
	26	3,802	3,802	<b>17.83</b>	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
	27	2,696	2,697	<b>22.07</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
	28	2,617	2,618	<b>22.43</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
	29	2,846	2,846	<b>21.43</b>	108.5	0.00	80.09	-	-	0.00	0.00	-	0.00
	30	2,113	2,114	<b>25.13</b>	108.5	0.00	77.50	-	-	0.00	0.00	-	0.00
	31	2,596	2,597	<b>22.52</b>	108.5	0.00	79.29	-	-	0.00	0.00	-	0.00
	32	2,924	2,925	<b>21.10</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
	33	3,739	3,739	<b>18.04</b>	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
	34	4,521	4,521	<b>15.60</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	35	4,279	4,280	<b>16.31</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	36	3,923	3,924	<b>17.43</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
	37	3,302	3,303	<b>19.60</b>	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
	38	1,744	1,746	<b>27.55</b>	108.5	0.00	75.84	-	-	0.00	0.00	-	0.00
	39	1,616	1,617	<b>28.50</b>	108.5	0.00	75.18	-	-	0.00	0.00	-	0.00
	40	893	897	<b>35.46</b>	108.5	0.00	70.06	-	-	0.00	0.00	-	0.00
	41	1,180	1,182	<b>32.28</b>	108.5	0.00	72.45	-	-	0.00	0.00	-	0.00
	42	2,482	2,484	<b>23.04</b>	108.5	0.00	78.90	-	-	0.00	0.00	-	0.00
	43	1,646	1,649	<b>28.26</b>	108.5	0.00	75.34	-	-	0.00	0.00	-	0.00
	44	1,128	1,132	<b>32.78</b>	108.5	0.00	72.08	-	-	0.00	0.00	-	0.00
	45	3,696	3,697	<b>18.19</b>	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
	46	3,539	3,540	<b>18.73</b>	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
	47	2,552	2,553	<b>22.72</b>	108.5	0.00	79.14	-	-	0.00	0.00	-	0.00
	48	4,081	4,082	<b>16.92</b>	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
	49	4,551	4,552	<b>15.51</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
	50	5,051	5,052	<b>14.15</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	51	5,883	5,884	<b>12.14</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	52	5,297	5,298	<b>13.52</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
	53	6,451	6,452	<b>10.92</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	54	6,375	6,375	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	55	6,041	6,042	<b>11.79</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	56	7,082	7,083	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	57	7,003	7,003	<b>9.84</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	58	6,716	6,717	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	59	7,770	7,771	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	60	8,063	8,064	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00

Sum 40.74

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H228 H228

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,245	10,246	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
2	11,584	11,584	<b>3.21</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
3	10,691	10,691	<b>4.26</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
4	12,271	12,271	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
5	11,787	11,787	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
6	11,768	11,768	<b>3.00</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
7	11,235	11,235	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
8	10,943	10,943	<b>3.95</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
9	10,309	10,309	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
10	9,810	9,811	<b>5.39</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
11	9,084	9,084	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
12	8,115	8,116	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
13	8,006	8,006	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
14	7,159	7,160	<b>9.55</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
15	6,851	6,851	<b>10.13</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
16	7,743	7,743	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
17	7,663	7,663	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
18	7,000	7,001	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
19	6,292	6,292	<b>11.25</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
20	5,570	5,570	<b>12.86</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
21	5,541	5,541	<b>12.93</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
22	8,186	8,187	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
23	7,788	7,789	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
24	6,236	6,236	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
25	7,371	7,372	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
26	6,940	6,940	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
27	5,908	5,909	<b>12.08</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
28	5,528	5,529	<b>12.96</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
29	5,153	5,153	<b>13.88</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
30	4,041	4,042	<b>17.05</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
31	4,247	4,247	<b>16.41</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
32	4,232	4,233	<b>16.45</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
33	4,821	4,821	<b>14.76</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
34	4,621	4,621	<b>15.31</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
35	7,497	7,497	<b>8.94</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
36	7,215	7,216	<b>9.44</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
37	6,604	6,604	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
38	5,036	5,036	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
39	4,757	4,757	<b>14.93</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
40	4,184	4,185	<b>16.60</b>	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
41	3,928	3,929	<b>17.41</b>	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
42	5,299	5,300	<b>13.52</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
43	4,613	4,614	<b>15.33</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
44	3,840	3,842	<b>17.70</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
45	5,843	5,844	<b>12.23</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
46	5,346	5,346	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
47	2,999	3,000	<b>20.79</b>	108.5	0.00	80.54	-	-	0.00	0.00	-	0.00
48	3,771	3,771	<b>17.93</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
49	2,656	2,658	<b>22.25</b>	108.5	0.00	79.49	-	-	0.00	0.00	-	0.00
50	2,225	2,226	<b>24.45</b>	108.5	0.00	77.95	-	-	0.00	0.00	-	0.00
51	3,142	3,143	<b>20.22</b>	108.5	0.00	80.95	-	-	0.00	0.00	-	0.00
52	3,656	3,657	<b>18.32</b>	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
53	4,494	4,495	<b>15.67</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
54	4,207	4,208	<b>16.53</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
55	3,481	3,482	<b>18.94</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
56	4,679	4,679	<b>15.15</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
57	5,981	5,982	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
58	5,463	5,464	<b>13.12</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
59	5,788	5,789	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
60	5,850	5,850	<b>12.21</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00

Sum 32.67

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H230 H230

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,290	11,290	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	2	12,483	12,483	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	3	11,439	11,439	<b>3.37</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	4	13,589	13,589	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	5	13,070	13,071	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	6	12,952	12,952	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	7	12,542	12,543	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	8	11,952	11,952	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	9	11,465	11,465	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	10	11,072	11,072	<b>3.80</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	11	10,087	10,088	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	12	9,256	9,256	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	13	8,803	8,803	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	14	7,863	7,864	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	15	7,360	7,361	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	16	9,131	9,132	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	17	8,963	8,963	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	18	8,196	8,196	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	19	7,573	7,574	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	20	6,006	6,007	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	21	5,575	5,576	<b>12.85</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	22	10,018	10,019	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	23	9,593	9,594	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	24	7,819	7,819	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	25	9,134	9,135	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	26	8,520	8,521	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	27	7,595	7,595	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	28	7,035	7,035	<b>9.78</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	29	6,383	6,383	<b>11.06</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	30	5,313	5,313	<b>13.48</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	31	5,335	5,336	<b>13.43</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	32	5,153	5,153	<b>13.88</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
	33	5,466	5,467	<b>13.11</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	34	4,719	4,720	<b>15.04</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	35	9,521	9,522	<b>5.78</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	36	9,186	9,187	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	37	8,565	8,566	<b>7.18</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	38	7,005	7,005	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	39	6,459	6,460	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	40	6,020	6,021	<b>11.83</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	41	5,559	5,560	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	42	7,409	7,410	<b>9.09</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	43	6,686	6,687	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	44	5,925	5,926	<b>12.04</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	45	7,990	7,991	<b>8.09</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	46	7,484	7,485	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	47	5,114	5,115	<b>13.98</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	48	5,652	5,653	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	49	4,076	4,077	<b>16.93</b>	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
	50	2,940	2,941	<b>21.03</b>	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
	51	3,597	3,598	<b>18.53</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	52	4,973	4,974	<b>14.35</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	53	5,423	5,424	<b>13.21</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	54	5,013	5,014	<b>14.24</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	55	4,061	4,063	<b>16.98</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	56	5,167	5,168	<b>13.85</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	57	7,316	7,317	<b>9.26</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	58	6,725	6,726	<b>10.37</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	59	6,506	6,507	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	60	6,356	6,357	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00

Sum 29.45

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H233 H233

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	12,202	12,202	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	2	13,336	13,336	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	3	12,244	12,244	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	4	14,578	14,579	<b>0.21</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	5	14,051	14,051	<b>0.69</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	6	13,901	13,902	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	7	13,533	13,533	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	8	12,848	12,848	<b>1.86</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	9	12,413	12,413	<b>2.31</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	10	12,056	12,056	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	11	10,995	10,996	<b>3.89</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	12	10,215	10,215	<b>4.86</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	13	9,654	9,654	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	14	8,696	8,697	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	15	8,133	8,133	<b>7.86</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	16	10,162	10,163	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	17	9,971	9,971	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	18	9,181	9,182	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	19	8,588	8,589	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	20	6,788	6,788	<b>10.25</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	21	6,216	6,216	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	22	11,143	11,143	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	23	10,714	10,715	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	24	8,903	8,904	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	25	10,249	10,250	<b>4.81</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	26	9,601	9,602	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	27	8,701	8,702	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	28	8,108	8,109	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	29	7,399	7,400	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	30	6,357	6,357	<b>11.12</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	31	6,336	6,337	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	32	6,115	6,116	<b>11.63</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	33	6,337	6,338	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	34	5,429	5,429	<b>13.20</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	35	10,664	10,665	<b>4.29</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	36	10,327	10,328	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	37	9,706	9,707	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	38	8,147	8,147	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	39	7,573	7,574	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	40	7,154	7,155	<b>9.55</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	41	6,668	6,668	<b>10.48</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	42	8,542	8,543	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	43	7,826	7,827	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	44	7,062	7,064	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	45	9,080	9,081	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	46	8,554	8,555	<b>7.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	47	6,168	6,169	<b>11.51</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	48	6,564	6,565	<b>10.69</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	49	4,847	4,848	<b>14.68</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	50	3,559	3,561	<b>18.66</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
	51	4,003	4,005	<b>17.16</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
	52	5,649	5,650	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	53	5,897	5,898	<b>12.11</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	54	5,453	5,454	<b>13.14</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	55	4,473	4,475	<b>15.73</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
	56	5,441	5,443	<b>13.17</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	57	7,918	7,919	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	58	7,307	7,308	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	59	6,826	6,827	<b>10.17</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	60	6,574	6,575	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00

Sum 27.72

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H248 H248

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,952	9,953	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	2	10,915	10,916	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	3	9,733	9,734	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	4	12,544	12,545	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	5	11,992	11,993	<b>2.76</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	6	11,736	11,736	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	7	11,519	11,520	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	8	10,541	10,541	<b>4.45</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	9	10,269	10,269	<b>4.79</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	10	10,045	10,046	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	11	8,759	8,760	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	12	8,167	8,168	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	13	7,302	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	14	6,332	6,332	<b>11.17</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	15	5,651	5,652	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	16	8,415	8,416	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	17	8,126	8,127	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	18	7,274	7,275	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	19	6,841	6,843	<b>10.14</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	20	4,397	4,398	<b>15.95</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
	21	3,579	3,580	<b>18.59</b>	108.5	0.00	82.08	-	-	0.00	0.00	-	0.00
	22	10,048	10,049	<b>5.07</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	23	9,589	9,590	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	24	7,536	7,537	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	25	9,074	9,075	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	26	8,169	8,170	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	27	7,518	7,519	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	28	6,714	6,716	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	29	5,740	5,742	<b>12.46</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	30	4,945	4,947	<b>14.42</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	31	4,709	4,711	<b>15.06</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	32	4,350	4,351	<b>16.09</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	33	4,226	4,227	<b>16.47</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
	34	2,994	2,996	<b>20.81</b>	108.5	0.00	80.53	-	-	0.00	0.00	-	0.00
	35	10,080	10,081	<b>5.03</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	36	9,603	9,604	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	37	8,996	8,997	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	38	7,578	7,580	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	39	6,546	6,548	<b>10.73</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	40	6,420	6,421	<b>10.98</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	41	5,674	5,676	<b>12.61</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	42	8,417	8,419	<b>7.40</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	43	7,592	7,594	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	44	6,945	6,946	<b>9.94</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	45	9,400	9,401	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	46	9,031	9,032	<b>6.48</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	47	6,884	6,885	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	48	7,831	7,833	<b>8.36</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	49	6,572	6,573	<b>10.68</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	50	5,621	5,622	<b>12.74</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	51	6,348	6,350	<b>11.13</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	52	7,539	7,540	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	53	8,126	8,127	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	54	7,736	7,738	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	55	6,806	6,808	<b>10.21</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	56	7,932	7,933	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	57	9,903	9,904	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	58	9,338	9,340	<b>6.04</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	59	9,258	9,259	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	60	9,124	9,126	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00

Sum 28.77

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H249 H249

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,672	8,673	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
2	9,864	9,864	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
3	8,835	8,835	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
4	11,020	11,020	<b>3.86</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
5	10,492	10,493	<b>4.51</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
6	10,350	10,351	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
7	9,974	9,975	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
8	9,332	9,332	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
9	8,862	8,862	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
10	8,497	8,497	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
11	7,469	7,469	<b>8.99</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
12	6,659	6,660	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
13	6,186	6,186	<b>11.48</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
14	5,254	5,255	<b>13.63</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
15	4,792	4,792	<b>14.84</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
16	6,624	6,625	<b>10.57</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
17	6,418	6,419	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
18	5,623	5,623	<b>12.74</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
19	5,042	5,043	<b>14.17</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
20	3,445	3,445	<b>19.08</b>	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
21	3,217	3,218	<b>19.93</b>	108.5	0.00	81.15	-	-	0.00	0.00	-	0.00
22	7,877	7,878	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
23	7,427	7,428	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
24	5,474	5,474	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
25	6,930	6,930	<b>9.98</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
26	6,152	6,153	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
27	5,359	5,360	<b>13.37</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
28	4,657	4,657	<b>15.21</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
29	3,858	3,859	<b>17.64</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
30	2,864	2,865	<b>21.35</b>	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
31	2,788	2,789	<b>21.67</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
32	2,557	2,558	<b>22.70</b>	108.5	0.00	79.16	-	-	0.00	0.00	-	0.00
33	2,850	2,851	<b>21.41</b>	108.5	0.00	80.10	-	-	0.00	0.00	-	0.00
34	2,300	2,301	<b>24.03</b>	108.5	0.00	78.24	-	-	0.00	0.00	-	0.00
35	7,756	7,757	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
36	7,306	7,307	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
37	6,691	6,691	<b>10.44</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
38	5,234	5,235	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
39	4,306	4,307	<b>16.23</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
40	4,091	4,093	<b>16.89</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
41	3,403	3,405	<b>19.23</b>	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
42	6,049	6,050	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
43	5,223	5,225	<b>13.70</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
44	4,582	4,584	<b>15.42</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
45	7,069	7,070	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
46	6,736	6,737	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
47	4,728	4,729	<b>15.01</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
48	5,884	5,884	<b>12.14</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
49	5,025	5,026	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
50	4,492	4,494	<b>15.68</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
51	5,380	5,380	<b>13.32</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
52	6,025	6,026	<b>11.82</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
53	6,863	6,864	<b>10.10</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
54	6,558	6,559	<b>10.70</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
55	5,769	5,770	<b>12.40</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
56	6,970	6,970	<b>9.90</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
57	8,324	8,325	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
58	7,824	7,825	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
59	8,140	8,141	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
60	8,161	8,162	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00

Sum 32.89

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H250 H250

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,159	8,160	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	2	9,470	9,470	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	3	8,563	8,563	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	4	10,301	10,301	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	5	9,797	9,798	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	6	9,733	9,733	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	7	9,257	9,257	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	8	8,850	8,850	<b>6.75</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	9	8,259	8,259	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	10	7,805	7,805	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	11	6,984	6,985	<b>9.87</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	12	6,051	6,051	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	13	5,877	5,877	<b>12.15</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	14	5,033	5,033	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	15	4,756	4,756	<b>14.94</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	16	5,802	5,803	<b>12.32</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
	17	5,668	5,668	<b>12.63</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
	18	4,950	4,951	<b>14.41</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	19	4,278	4,278	<b>16.31</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	20	3,522	3,523	<b>18.80</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
	21	3,696	3,696	<b>18.19</b>	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
	22	6,730	6,731	<b>10.36</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	23	6,291	6,292	<b>11.25</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	24	4,457	4,458	<b>15.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	25	5,814	5,814	<b>12.30</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	26	5,158	5,159	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	27	4,255	4,257	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	28	3,673	3,674	<b>18.27</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	29	3,102	3,103	<b>20.38</b>	108.5	0.00	80.83	-	-	0.00	0.00	-	0.00
	30	1,995	1,996	<b>25.86</b>	108.5	0.00	77.00	-	-	0.00	0.00	-	0.00
	31	2,133	2,135	<b>25.00</b>	108.5	0.00	77.59	-	-	0.00	0.00	-	0.00
	32	2,104	2,105	<b>25.18</b>	108.5	0.00	77.47	-	-	0.00	0.00	-	0.00
	33	2,729	2,730	<b>21.93</b>	108.5	0.00	79.72	-	-	0.00	0.00	-	0.00
	34	2,822	2,822	<b>21.53</b>	108.5	0.00	80.01	-	-	0.00	0.00	-	0.00
	35	6,486	6,488	<b>10.85</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	36	6,060	6,061	<b>11.75</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	37	5,440	5,441	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	38	3,952	3,953	<b>17.33</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
	39	3,143	3,145	<b>20.21</b>	108.5	0.00	80.95	-	-	0.00	0.00	-	0.00
	40	2,833	2,835	<b>21.48</b>	108.5	0.00	80.05	-	-	0.00	0.00	-	0.00
	41	2,232	2,233	<b>24.41</b>	108.5	0.00	77.98	-	-	0.00	0.00	-	0.00
	42	4,748	4,749	<b>14.96</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	43	3,921	3,922	<b>17.43</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
	44	3,290	3,292	<b>19.65</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
	45	5,805	5,806	<b>12.31</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	46	5,507	5,508	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	47	3,670	3,671	<b>18.28</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	48	4,986	4,987	<b>14.31</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
	49	4,511	4,512	<b>15.62</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	50	4,343	4,344	<b>16.11</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	51	5,262	5,263	<b>13.61</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	52	5,477	5,478	<b>13.08</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	53	6,460	6,461	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	54	6,227	6,228	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	55	5,578	5,579	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	56	6,763	6,764	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	57	7,650	7,651	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	58	7,208	7,209	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	59	7,788	7,789	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	60	7,909	7,910	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00

Sum 35.03

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H251 H251

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,206	7,206	<b>9.46</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
	2	8,663	8,663	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	3	7,991	7,991	<b>8.09</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	4	8,939	8,940	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	5	8,486	8,486	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	6	8,550	8,550	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	7	7,923	7,923	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	8	7,919	7,919	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	9	7,150	7,150	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	10	6,563	6,563	<b>10.69</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	11	6,145	6,145	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	12	5,063	5,063	<b>14.12</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
	13	5,430	5,430	<b>13.20</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	14	4,832	4,833	<b>14.73</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
	15	4,894	4,894	<b>14.56</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	16	4,439	4,440	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	17	4,451	4,451	<b>15.80</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	18	3,958	3,959	<b>17.31</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
	19	3,200	3,201	<b>19.99</b>	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00
	20	4,062	4,063	<b>16.98</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	21	4,722	4,722	<b>15.03</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	22	4,765	4,766	<b>14.91</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	23	4,349	4,350	<b>16.10</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	24	2,818	2,819	<b>21.54</b>	108.5	0.00	80.00	-	-	0.00	0.00	-	0.00
	25	3,913	3,914	<b>17.46</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
	26	3,510	3,510	<b>18.84</b>	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
	27	2,446	2,447	<b>23.22</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	28	2,214	2,215	<b>24.52</b>	108.5	0.00	77.91	-	-	0.00	0.00	-	0.00
	29	2,335	2,336	<b>23.83</b>	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
	30	1,591	1,592	<b>28.69</b>	108.5	0.00	75.04	-	-	0.00	0.00	-	0.00
	31	2,078	2,079	<b>25.34</b>	108.5	0.00	77.36	-	-	0.00	0.00	-	0.00
	32	2,419	2,420	<b>23.36</b>	108.5	0.00	78.68	-	-	0.00	0.00	-	0.00
	33	3,230	3,231	<b>19.88</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
	34	4,071	4,071	<b>16.95</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
	35	4,409	4,411	<b>15.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	36	3,989	3,991	<b>17.21</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
	37	3,368	3,369	<b>19.36</b>	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
	38	1,881	1,883	<b>26.60</b>	108.5	0.00	76.50	-	-	0.00	0.00	-	0.00
	39	1,302	1,305	<b>31.11</b>	108.5	0.00	73.31	-	-	0.00	0.00	-	0.00
	40	768	772	<b>37.14</b>	108.5	0.00	68.76	-	-	0.00	0.00	-	0.00
	41	673	677	<b>38.58</b>	108.5	0.00	67.62	-	-	0.00	0.00	-	0.00
	42	2,849	2,850	<b>21.41</b>	108.5	0.00	80.10	-	-	0.00	0.00	-	0.00
	43	2,013	2,015	<b>25.74</b>	108.5	0.00	77.09	-	-	0.00	0.00	-	0.00
	44	1,614	1,617	<b>28.51</b>	108.5	0.00	75.17	-	-	0.00	0.00	-	0.00
	45	4,153	4,154	<b>16.69</b>	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
	46	4,033	4,035	<b>17.07</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	47	3,050	3,051	<b>20.58</b>	108.5	0.00	80.69	-	-	0.00	0.00	-	0.00
	48	4,579	4,580	<b>15.43</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	49	4,937	4,938	<b>14.44</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	50	5,331	5,332	<b>13.44</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	51	6,191	6,192	<b>11.47</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	52	5,726	5,726	<b>12.50</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	53	6,866	6,867	<b>10.10</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	54	6,767	6,767	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	55	6,379	6,380	<b>11.07</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	56	7,453	7,454	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	57	7,494	7,495	<b>8.94</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	58	7,192	7,193	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	59	8,195	8,195	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	60	8,465	8,466	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00

Sum 42.78



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H252 H252

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,276	7,276	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	2	8,772	8,772	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	3	8,202	8,202	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	4	8,793	8,793	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	5	8,369	8,370	<b>7.48</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	6	8,495	8,495	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	7	7,802	7,803	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	8	7,987	7,987	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	9	7,151	7,151	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	10	6,511	6,512	<b>10.80</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	11	6,285	6,285	<b>11.27</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	12	5,171	5,172	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	13	5,740	5,740	<b>12.47</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	14	5,243	5,243	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	15	5,399	5,399	<b>13.27</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
	16	4,385	4,385	<b>15.99</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	17	4,474	4,474	<b>15.73</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
	18	4,113	4,114	<b>16.82</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	19	3,367	3,367	<b>19.36</b>	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
	20	4,685	4,685	<b>15.13</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	21	5,411	5,411	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	22	4,266	4,267	<b>16.35</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	23	3,881	3,881	<b>17.57</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
	24	2,683	2,683	<b>22.13</b>	108.5	0.00	79.57	-	-	0.00	0.00	-	0.00
	25	3,497	3,497	<b>18.89</b>	108.5	0.00	81.87	-	-	0.00	0.00	-	0.00
	26	3,319	3,320	<b>19.54</b>	108.5	0.00	81.42	-	-	0.00	0.00	-	0.00
	27	2,198	2,199	<b>24.61</b>	108.5	0.00	77.85	-	-	0.00	0.00	-	0.00
	28	2,275	2,276	<b>24.17</b>	108.5	0.00	78.14	-	-	0.00	0.00	-	0.00
	29	2,725	2,726	<b>21.95</b>	108.5	0.00	79.71	-	-	0.00	0.00	-	0.00
	30	2,213	2,214	<b>24.53</b>	108.5	0.00	77.90	-	-	0.00	0.00	-	0.00
	31	2,706	2,707	<b>22.03</b>	108.5	0.00	79.65	-	-	0.00	0.00	-	0.00
	32	3,083	3,084	<b>20.45</b>	108.5	0.00	80.78	-	-	0.00	0.00	-	0.00
	33	3,877	3,878	<b>17.58</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	34	4,797	4,798	<b>14.82</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	35	3,716	3,717	<b>18.12</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
	36	3,342	3,343	<b>19.46</b>	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
	37	2,720	2,721	<b>21.97</b>	108.5	0.00	79.70	-	-	0.00	0.00	-	0.00
	38	1,173	1,176	<b>32.34</b>	108.5	0.00	72.41	-	-	0.00	0.00	-	0.00
	39	1,222	1,224	<b>31.86</b>	108.5	0.00	72.76	-	-	0.00	0.00	-	0.00
	40	450	456	<b>42.79</b>	108.5	0.00	64.18	-	-	0.00	0.00	-	0.00
	41	1,159	1,161	<b>32.49</b>	108.5	0.00	72.29	-	-	0.00	0.00	-	0.00
	42	2,104	2,106	<b>25.17</b>	108.5	0.00	77.47	-	-	0.00	0.00	-	0.00
	43	1,277	1,280	<b>31.34</b>	108.5	0.00	73.14	-	-	0.00	0.00	-	0.00
	44	1,050	1,054	<b>33.62</b>	108.5	0.00	71.46	-	-	0.00	0.00	-	0.00
	45	3,468	3,469	<b>18.99</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
	46	3,415	3,416	<b>19.18</b>	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
	47	2,857	2,857	<b>21.38</b>	108.5	0.00	80.12	-	-	0.00	0.00	-	0.00
	48	4,362	4,363	<b>16.06</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	49	5,014	5,015	<b>14.24</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	50	5,590	5,591	<b>12.81</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
	51	6,404	6,405	<b>11.02</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	52	5,708	5,708	<b>12.54</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	53	6,874	6,875	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	54	6,825	6,825	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	55	6,541	6,542	<b>10.74</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	56	7,552	7,552	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	57	7,285	7,285	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	58	7,039	7,039	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	59	8,177	8,177	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	60	8,498	8,498	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00

Sum 44.92

## DECIBEL - Detailed results

**Calculation:** V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area:** H253 H253

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,906	5,906	<b>12.09</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
2	7,430	7,430	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
3	7,002	7,003	<b>9.84</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
4	7,244	7,245	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
5	6,836	6,837	<b>10.16</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
6	6,999	7,000	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
7	6,269	6,269	<b>11.30</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
8	6,605	6,606	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
9	5,710	5,711	<b>12.53</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
10	5,032	5,032	<b>14.20</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
11	5,021	5,021	<b>14.23</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
12	3,895	3,896	<b>17.52</b>	108.5	0.00	82.81	-	-	0.00	0.00	-	0.00
13	4,773	4,773	<b>14.89</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
14	4,510	4,510	<b>15.63</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
15	4,884	4,884	<b>14.59</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
16	2,939	2,939	<b>21.04</b>	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
17	3,111	3,112	<b>20.34</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
18	2,964	2,965	<b>20.94</b>	108.5	0.00	80.44	-	-	0.00	0.00	-	0.00
19	2,312	2,313	<b>23.96</b>	108.5	0.00	78.28	-	-	0.00	0.00	-	0.00
20	4,564	4,565	<b>15.47</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
21	5,508	5,508	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
22	2,836	2,837	<b>21.47</b>	108.5	0.00	80.06	-	-	0.00	0.00	-	0.00
23	2,410	2,411	<b>23.41</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
24	1,239	1,241	<b>31.70</b>	108.5	0.00	72.88	-	-	0.00	0.00	-	0.00
25	1,971	1,973	<b>26.01</b>	108.5	0.00	76.90	-	-	0.00	0.00	-	0.00
26	1,788	1,789	<b>27.25</b>	108.5	0.00	76.05	-	-	0.00	0.00	-	0.00
27	676	680	<b>38.54</b>	108.5	0.00	67.65	-	-	0.00	0.00	-	0.00
28	1,258	1,260	<b>31.52</b>	108.5	0.00	73.01	-	-	0.00	0.00	-	0.00
29	2,260	2,261	<b>24.25</b>	108.5	0.00	78.09	-	-	0.00	0.00	-	0.00
30	2,464	2,465	<b>23.13</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
31	2,853	2,854	<b>21.40</b>	108.5	0.00	80.11	-	-	0.00	0.00	-	0.00
32	3,282	3,282	<b>19.68</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
33	3,915	3,915	<b>17.46</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
34	5,125	5,125	<b>13.96</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
35	2,867	2,868	<b>21.34</b>	108.5	0.00	80.15	-	-	0.00	0.00	-	0.00
36	2,311	2,312	<b>23.96</b>	108.5	0.00	78.28	-	-	0.00	0.00	-	0.00
37	1,747	1,749	<b>27.53</b>	108.5	0.00	75.86	-	-	0.00	0.00	-	0.00
38	1,125	1,128	<b>32.83</b>	108.5	0.00	72.05	-	-	0.00	0.00	-	0.00
39	786	789	<b>36.90</b>	108.5	0.00	68.94	-	-	0.00	0.00	-	0.00
40	1,224	1,226	<b>31.85</b>	108.5	0.00	72.77	-	-	0.00	0.00	-	0.00
41	1,683	1,684	<b>28.00</b>	108.5	0.00	75.53	-	-	0.00	0.00	-	0.00
42	2,494	2,496	<b>22.99</b>	108.5	0.00	78.94	-	-	0.00	0.00	-	0.00
43	2,008	2,010	<b>25.77</b>	108.5	0.00	77.06	-	-	0.00	0.00	-	0.00
44	2,352	2,354	<b>23.73</b>	108.5	0.00	78.44	-	-	0.00	0.00	-	0.00
45	4,043	4,044	<b>17.04</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
46	4,236	4,237	<b>16.44</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
47	4,329	4,330	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
48	5,780	5,780	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
49	6,576	6,576	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
50	7,156	7,157	<b>9.55</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
51	7,976	7,976	<b>8.12</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
52	7,235	7,236	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
53	8,408	8,408	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
54	8,377	8,377	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
55	8,113	8,113	<b>7.89</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
56	9,113	9,113	<b>6.36</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
57	8,669	8,669	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
58	8,474	8,475	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
59	9,694	9,695	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
60	10,037	10,038	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00

Sum 43.81

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H254 H254

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,047	7,047	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
2	8,582	8,582	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
3	8,269	8,269	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
4	8,013	8,013	<b>8.06</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
5	7,670	7,671	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
6	7,933	7,934	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
7	7,112	7,112	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
8	7,725	7,725	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
9	6,766	6,766	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
10	6,035	6,035	<b>11.80</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
11	6,270	6,270	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
12	5,158	5,158	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
13	6,150	6,151	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
14	5,916	5,916	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
15	6,282	6,282	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
16	4,071	4,071	<b>16.95</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
17	4,330	4,330	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
18	4,314	4,314	<b>16.21</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
19	3,701	3,702	<b>18.17</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
20	5,885	5,885	<b>12.14</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
21	6,769	6,769	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
22	2,870	2,871	<b>21.32</b>	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
23	2,593	2,594	<b>22.54</b>	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
24	2,507	2,508	<b>22.93</b>	108.5	0.00	78.99	-	-	0.00	0.00	-	0.00
25	2,396	2,397	<b>23.49</b>	108.5	0.00	78.59	-	-	0.00	0.00	-	0.00
26	2,845	2,845	<b>21.43</b>	108.5	0.00	80.08	-	-	0.00	0.00	-	0.00
27	1,938	1,939	<b>26.23</b>	108.5	0.00	76.75	-	-	0.00	0.00	-	0.00
28	2,665	2,665	<b>22.21</b>	108.5	0.00	79.52	-	-	0.00	0.00	-	0.00
29	3,620	3,621	<b>18.45</b>	108.5	0.00	82.18	-	-	0.00	0.00	-	0.00
30	3,591	3,592	<b>18.55</b>	108.5	0.00	82.11	-	-	0.00	0.00	-	0.00
31	4,044	4,044	<b>17.04</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
32	4,466	4,466	<b>15.76</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
33	5,176	5,176	<b>13.83</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
34	6,289	6,289	<b>11.26</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
35	1,955	1,957	<b>26.11</b>	108.5	0.00	76.83	-	-	0.00	0.00	-	0.00
36	1,651	1,653	<b>28.23</b>	108.5	0.00	75.37	-	-	0.00	0.00	-	0.00
37	1,064	1,067	<b>33.48</b>	108.5	0.00	71.56	-	-	0.00	0.00	-	0.00
38	600	604	<b>39.82</b>	108.5	0.00	66.63	-	-	0.00	0.00	-	0.00
39	1,943	1,944	<b>26.20</b>	108.5	0.00	76.77	-	-	0.00	0.00	-	0.00
40	1,768	1,770	<b>27.38</b>	108.5	0.00	75.96	-	-	0.00	0.00	-	0.00
41	2,595	2,596	<b>22.53</b>	108.5	0.00	79.29	-	-	0.00	0.00	-	0.00
42	1,198	1,201	<b>32.09</b>	108.5	0.00	72.59	-	-	0.00	0.00	-	0.00
43	1,127	1,130	<b>32.80</b>	108.5	0.00	72.06	-	-	0.00	0.00	-	0.00
44	1,839	1,841	<b>26.89</b>	108.5	0.00	76.30	-	-	0.00	0.00	-	0.00
45	2,706	2,707	<b>22.03</b>	108.5	0.00	79.65	-	-	0.00	0.00	-	0.00
46	2,999	3,001	<b>20.79</b>	108.5	0.00	80.54	-	-	0.00	0.00	-	0.00
47	3,729	3,729	<b>18.08</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
48	5,002	5,002	<b>14.28</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
49	6,154	6,154	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
50	6,976	6,976	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
51	7,705	7,705	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
52	6,652	6,653	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
53	7,822	7,822	<b>8.38</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
54	7,865	7,865	<b>8.30</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
55	7,761	7,762	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
56	8,642	8,642	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
57	7,772	7,772	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
58	7,660	7,660	<b>8.65</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
59	9,040	9,040	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
60	9,450	9,450	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00

Sum 43.14

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H255 H255

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,070	7,071	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	2	8,602	8,602	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	3	8,365	8,365	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	4	7,858	7,858	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	5	7,544	7,544	<b>8.85</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	6	7,847	7,848	<b>8.33</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	7	6,992	6,993	<b>9.86</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	8	7,732	7,732	<b>8.53</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	9	6,746	6,746	<b>10.33</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	10	5,997	5,997	<b>11.89</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	11	6,364	6,364	<b>11.10</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	12	5,272	5,272	<b>13.59</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	13	6,361	6,361	<b>11.11</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	14	6,194	6,194	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	15	6,606	6,606	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	16	4,126	4,126	<b>16.78</b>	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
	17	4,428	4,428	<b>15.87</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
	18	4,506	4,506	<b>15.64</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	19	3,946	3,947	<b>17.35</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	20	6,281	6,281	<b>11.28</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	21	7,193	7,194	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	22	2,564	2,565	<b>22.67</b>	108.5	0.00	79.18	-	-	0.00	0.00	-	0.00
	23	2,351	2,352	<b>23.74</b>	108.5	0.00	78.43	-	-	0.00	0.00	-	0.00
	24	2,685	2,686	<b>22.13</b>	108.5	0.00	79.58	-	-	0.00	0.00	-	0.00
	25	2,252	2,253	<b>24.30</b>	108.5	0.00	78.05	-	-	0.00	0.00	-	0.00
	26	2,907	2,907	<b>21.17</b>	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
	27	2,150	2,151	<b>24.90</b>	108.5	0.00	77.65	-	-	0.00	0.00	-	0.00
	28	2,971	2,972	<b>20.91</b>	108.5	0.00	80.46	-	-	0.00	0.00	-	0.00
	29	3,989	3,989	<b>17.22</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
	30	4,043	4,043	<b>17.04</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	31	4,483	4,484	<b>15.70</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	32	4,909	4,909	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	33	5,597	5,597	<b>12.80</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	34	6,742	6,742	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	35	1,457	1,459	<b>29.76</b>	108.5	0.00	74.28	-	-	0.00	0.00	-	0.00
	36	1,214	1,216	<b>31.94</b>	108.5	0.00	72.70	-	-	0.00	0.00	-	0.00
	37	705	708	<b>38.09</b>	108.5	0.00	68.01	-	-	0.00	0.00	-	0.00
	38	1,101	1,103	<b>33.09</b>	108.5	0.00	71.85	-	-	0.00	0.00	-	0.00
	39	2,364	2,364	<b>23.67</b>	108.5	0.00	78.47	-	-	0.00	0.00	-	0.00
	40	2,260	2,261	<b>24.25</b>	108.5	0.00	78.09	-	-	0.00	0.00	-	0.00
	41	3,071	3,071	<b>20.50</b>	108.5	0.00	80.75	-	-	0.00	0.00	-	0.00
	42	1,305	1,307	<b>31.09</b>	108.5	0.00	73.33	-	-	0.00	0.00	-	0.00
	43	1,515	1,517	<b>29.29</b>	108.5	0.00	74.62	-	-	0.00	0.00	-	0.00
	44	2,270	2,272	<b>24.19</b>	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
	45	2,660	2,662	<b>22.23</b>	108.5	0.00	79.50	-	-	0.00	0.00	-	0.00
	46	3,054	3,055	<b>20.57</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
	47	4,079	4,079	<b>16.93</b>	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
	48	5,272	5,272	<b>13.58</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	49	6,524	6,524	<b>10.77</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	50	7,396	7,397	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	51	8,103	8,103	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	52	6,974	6,974	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	53	8,136	8,136	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	54	8,201	8,201	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	55	8,140	8,141	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	56	8,986	8,987	<b>6.54</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	57	7,969	7,970	<b>8.13</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	58	7,893	7,893	<b>8.26</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	59	9,326	9,326	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	60	9,756	9,756	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00

Sum 42.15

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H257 H257

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,963	5,963	<b>11.96</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	2	7,444	7,444	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	3	7,458	7,458	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	4	6,253	6,254	<b>11.33</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	5	6,007	6,008	<b>11.86</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	6	6,406	6,406	<b>11.01</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	7	5,485	5,485	<b>13.06</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	8	6,553	6,554	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	9	5,517	5,517	<b>12.99</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	10	4,740	4,741	<b>14.98</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	11	5,523	5,523	<b>12.97</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	12	4,567	4,567	<b>15.46</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
	13	5,951	5,951	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	14	6,072	6,072	<b>11.72</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	15	6,663	6,664	<b>10.49</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	16	3,323	3,323	<b>19.53</b>	108.5	0.00	81.43	-	-	0.00	0.00	-	0.00
	17	3,741	3,742	<b>18.03</b>	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
	18	4,165	4,166	<b>16.66</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	19	3,883	3,883	<b>17.56</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
	20	6,713	6,713	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	21	7,748	7,748	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	22	800	803	<b>36.70</b>	108.5	0.00	69.10	-	-	0.00	0.00	-	0.00
	23	843	846	<b>36.12</b>	108.5	0.00	69.55	-	-	0.00	0.00	-	0.00
	24	2,624	2,624	<b>22.40</b>	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
	25	1,180	1,182	<b>32.28</b>	108.5	0.00	72.45	-	-	0.00	0.00	-	0.00
	26	2,360	2,360	<b>23.69</b>	108.5	0.00	78.46	-	-	0.00	0.00	-	0.00
	27	2,394	2,395	<b>23.50</b>	108.5	0.00	78.59	-	-	0.00	0.00	-	0.00
	28	3,317	3,318	<b>19.55</b>	108.5	0.00	81.42	-	-	0.00	0.00	-	0.00
	29	4,443	4,444	<b>15.82</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	30	4,925	4,925	<b>14.48</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	31	5,260	5,260	<b>13.62</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	32	5,679	5,679	<b>12.61</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	33	6,202	6,202	<b>11.44</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	34	7,497	7,497	<b>8.94</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	35	1,153	1,156	<b>32.54</b>	108.5	0.00	72.26	-	-	0.00	0.00	-	0.00
	36	711	715	<b>37.99</b>	108.5	0.00	68.09	-	-	0.00	0.00	-	0.00
	37	1,152	1,155	<b>32.55</b>	108.5	0.00	72.25	-	-	0.00	0.00	-	0.00
	38	2,670	2,671	<b>22.19</b>	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00
	39	3,292	3,293	<b>19.64</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
	40	3,584	3,585	<b>18.58</b>	108.5	0.00	82.09	-	-	0.00	0.00	-	0.00
	41	4,187	4,188	<b>16.59</b>	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
	42	3,105	3,106	<b>20.37</b>	108.5	0.00	80.84	-	-	0.00	0.00	-	0.00
	43	3,328	3,329	<b>19.51</b>	108.5	0.00	81.45	-	-	0.00	0.00	-	0.00
	44	4,047	4,048	<b>17.03</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	45	4,214	4,215	<b>16.51</b>	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
	46	4,727	4,727	<b>15.02</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	47	5,916	5,916	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	48	7,102	7,102	<b>9.65</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	49	8,355	8,355	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	50	9,183	9,183	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	51	9,915	9,915	<b>5.25</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	52	8,815	8,815	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	53	9,976	9,976	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	54	10,041	10,042	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	55	9,967	9,967	<b>5.18</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	56	10,826	10,826	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	57	9,742	9,742	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	58	9,696	9,697	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	59	11,157	11,158	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	60	11,594	11,594	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00

Sum 43.52

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H258 H258

WTG	95% rated power												
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
1	7,092	7,093	<b>9.67</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00	-
2	8,542	8,542	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00	-
3	8,630	8,630	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00	-
4	7,080	7,081	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00	-
5	6,904	6,904	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00	-
6	7,369	7,370	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00	-
7	6,415	6,416	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00	-
8	7,651	7,651	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00	-
9	6,607	6,607	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00	-
10	5,832	5,833	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00	-
11	6,720	6,720	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00	-
12	5,785	5,786	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00	-
13	7,176	7,176	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00	-
14	7,282	7,282	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00	-
15	7,854	7,854	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00	-
16	4,542	4,542	<b>15.54</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00	-
17	4,964	4,965	<b>14.37</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00	-
18	5,384	5,384	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00	-
19	5,068	5,068	<b>14.10</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00	-
20	7,829	7,829	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00	-
21	8,837	8,837	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00	-
22	1,810	1,811	<b>27.09</b>	108.5	0.00	76.16	-	-	0.00	0.00	-	0.00	-
23	2,031	2,033	<b>25.63</b>	108.5	0.00	77.16	-	-	0.00	0.00	-	0.00	-
24	3,778	3,779	<b>17.91</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00	-
25	2,405	2,406	<b>23.44</b>	108.5	0.00	78.63	-	-	0.00	0.00	-	0.00	-
26	3,576	3,577	<b>18.61</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00	-
27	3,462	3,463	<b>19.01</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00	-
28	4,403	4,403	<b>15.94</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00	-
29	5,527	5,527	<b>12.96</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00	-
30	5,872	5,872	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00	-
31	6,253	6,253	<b>11.33</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00	-
32	6,680	6,680	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00	-
33	7,265	7,265	<b>9.35</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00	-
34	8,519	8,519	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00	-
35	670	675	<b>38.62</b>	108.5	0.00	67.59	-	-	0.00	0.00	-	0.00	-
36	1,097	1,100	<b>33.12</b>	108.5	0.00	71.83	-	-	0.00	0.00	-	0.00	-
37	1,692	1,693	<b>27.93</b>	108.5	0.00	75.57	-	-	0.00	0.00	-	0.00	-
38	3,190	3,190	<b>20.04</b>	108.5	0.00	81.08	-	-	0.00	0.00	-	0.00	-
39	4,178	4,179	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00	-
40	4,288	4,288	<b>16.28</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00	-
41	5,016	5,016	<b>14.24</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00	-
42	3,072	3,073	<b>20.50</b>	108.5	0.00	80.75	-	-	0.00	0.00	-	0.00	-
43	3,577	3,578	<b>18.60</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00	-
44	4,351	4,352	<b>16.09</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00	-
45	3,752	3,753	<b>18.00</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00	-
46	4,359	4,360	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00	-
47	5,998	5,999	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00	-
48	6,981	6,982	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00	-
49	8,447	8,448	<b>7.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00	-
50	9,418	9,418	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00	-
51	10,075	10,075	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00	-
52	8,776	8,777	<b>6.86</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00	-
53	9,903	9,903	<b>5.27</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00	-
54	10,024	10,025	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00	-
55	10,070	10,070	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00	-
56	10,824	10,824	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00	-
57	9,409	9,409	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00	-
58	9,440	9,441	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00	-
59	11,003	11,003	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00	-
60	11,486	11,486	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00	-

Sum 40.88

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H259 H259

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,573	6,573	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	2	7,974	7,974	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	3	8,165	8,165	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	4	6,339	6,340	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	5	6,197	6,197	<b>11.45</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	6	6,698	6,698	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	7	5,731	5,731	<b>12.49</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	8	7,089	7,090	<b>9.68</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	9	6,046	6,046	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	10	5,281	5,281	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	11	6,322	6,322	<b>11.19</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	12	5,473	5,473	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	13	6,940	6,941	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	14	7,156	7,156	<b>9.55</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	15	7,786	7,786	<b>8.44</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	16	4,250	4,250	<b>16.40</b>	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
	17	4,695	4,696	<b>15.10</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
	18	5,230	5,230	<b>13.69</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	19	5,028	5,028	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	20	7,905	7,905	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	21	8,950	8,950	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	22	1,404	1,406	<b>30.21</b>	108.5	0.00	73.96	-	-	0.00	0.00	-	0.00
	23	1,778	1,779	<b>27.31</b>	108.5	0.00	76.01	-	-	0.00	0.00	-	0.00
	24	3,810	3,811	<b>17.80</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
	25	2,265	2,267	<b>24.22</b>	108.5	0.00	78.11	-	-	0.00	0.00	-	0.00
	26	3,460	3,460	<b>19.02</b>	108.5	0.00	81.78	-	-	0.00	0.00	-	0.00
	27	3,612	3,613	<b>18.48</b>	108.5	0.00	82.16	-	-	0.00	0.00	-	0.00
	28	4,530	4,530	<b>15.57</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	29	5,653	5,653	<b>12.67</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	30	6,143	6,143	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	31	6,480	6,480	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	32	6,899	6,899	<b>10.04</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	33	7,414	7,414	<b>9.08</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	34	8,715	8,715	<b>6.95</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	35	1,404	1,407	<b>30.21</b>	108.5	0.00	73.96	-	-	0.00	0.00	-	0.00
	36	1,539	1,541	<b>29.09</b>	108.5	0.00	74.76	-	-	0.00	0.00	-	0.00
	37	2,155	2,157	<b>24.87</b>	108.5	0.00	77.68	-	-	0.00	0.00	-	0.00
	38	3,723	3,724	<b>18.10</b>	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
	39	4,497	4,498	<b>15.66</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	40	4,733	4,734	<b>15.00</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
	41	5,382	5,382	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	42	3,817	3,818	<b>17.78</b>	108.5	0.00	82.64	-	-	0.00	0.00	-	0.00
	43	4,236	4,237	<b>16.44</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	44	4,998	4,998	<b>14.29</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
	45	4,583	4,583	<b>15.42</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	46	5,183	5,184	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	47	6,734	6,735	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	48	7,773	7,774	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	49	9,188	9,189	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	50	10,113	10,114	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	51	10,798	10,798	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	52	9,553	9,554	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	53	10,690	10,690	<b>4.26</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	54	10,798	10,798	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	55	10,810	10,811	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	56	11,595	11,596	<b>3.20</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	57	10,237	10,237	<b>4.83</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	58	10,260	10,260	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	59	11,808	11,808	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	60	12,282	12,282	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00

Sum 37.04

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H260 H260

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,584	6,584	<b>10.65</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	2	7,958	7,958	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	3	8,198	8,198	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	4	6,218	6,219	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	5	6,101	6,102	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	6	6,625	6,625	<b>10.57</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	7	5,652	5,652	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	8	7,078	7,078	<b>9.70</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	9	6,038	6,038	<b>11.80</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	10	5,282	5,282	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	11	6,389	6,389	<b>11.05</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	12	5,579	5,579	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	13	7,068	7,068	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	14	7,320	7,320	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	15	7,967	7,967	<b>8.13</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	16	4,371	4,371	<b>16.04</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
	17	4,822	4,822	<b>14.76</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
	18	5,392	5,392	<b>13.29</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	19	5,225	5,225	<b>13.70</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	20	8,125	8,125	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	21	9,178	9,178	<b>6.27</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	22	1,544	1,545	<b>29.06</b>	108.5	0.00	74.78	-	-	0.00	0.00	-	0.00
	23	1,956	1,957	<b>26.11</b>	108.5	0.00	76.83	-	-	0.00	0.00	-	0.00
	24	4,034	4,034	<b>17.07</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	25	2,464	2,465	<b>23.13</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
	26	3,647	3,647	<b>18.36</b>	108.5	0.00	82.24	-	-	0.00	0.00	-	0.00
	27	3,864	3,865	<b>17.62</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	28	4,772	4,772	<b>14.89</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	29	5,890	5,891	<b>12.12</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	30	6,409	6,410	<b>11.01</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	31	6,738	6,738	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	32	7,154	7,154	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	33	7,653	7,653	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	34	8,962	8,962	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	35	1,701	1,703	<b>27.86</b>	108.5	0.00	75.62	-	-	0.00	0.00	-	0.00
	36	1,846	1,847	<b>26.84</b>	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
	37	2,460	2,461	<b>23.15</b>	108.5	0.00	78.82	-	-	0.00	0.00	-	0.00
	38	4,028	4,029	<b>17.09</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
	39	4,776	4,776	<b>14.88</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	40	5,029	5,030	<b>14.20</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	41	5,666	5,666	<b>12.64</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
	42	4,119	4,120	<b>16.80</b>	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	43	4,545	4,545	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	44	5,306	5,307	<b>13.50</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	45	4,850	4,850	<b>14.68</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	46	5,458	5,459	<b>13.13</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	47	7,039	7,039	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	48	8,066	8,066	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	49	9,492	9,493	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	50	10,421	10,422	<b>4.60</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	51	11,104	11,104	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	52	9,851	9,851	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	53	10,984	10,985	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	54	11,097	11,097	<b>3.77</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	55	11,115	11,115	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	56	11,894	11,895	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	57	10,508	10,508	<b>4.49</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	58	10,539	10,539	<b>4.45</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	59	12,096	12,096	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	60	12,574	12,574	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00

Sum 35.60



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H261 H261

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,318	8,318	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	2	9,670	9,670	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	3	9,939	9,939	<b>5.22</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	4	7,756	7,756	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	5	7,700	7,700	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	6	8,264	8,264	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	7	7,287	7,287	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	8	8,796	8,796	<b>6.83</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	9	7,761	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	10	7,012	7,012	<b>9.82</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	11	8,128	8,128	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	12	7,294	7,294	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	13	8,758	8,758	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	14	8,947	8,947	<b>6.60</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	15	9,554	9,554	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	16	6,070	6,070	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	17	6,515	6,515	<b>10.79</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	18	7,027	7,027	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	19	6,776	6,776	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	20	9,584	9,584	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	21	10,600	10,600	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	22	3,224	3,225	<b>19.90</b>	108.5	0.00	81.17	-	-	0.00	0.00	-	0.00
	23	3,580	3,581	<b>18.59</b>	108.5	0.00	82.08	-	-	0.00	0.00	-	0.00
	24	5,510	5,510	<b>13.00</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	25	4,039	4,039	<b>17.06</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	26	5,236	5,236	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	27	5,223	5,224	<b>13.71</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	28	6,163	6,163	<b>11.53</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	29	7,289	7,289	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	30	7,635	7,635	<b>8.70</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	31	8,020	8,020	<b>8.04</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	32	8,447	8,447	<b>7.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	33	9,031	9,031	<b>6.48</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	34	10,287	10,287	<b>4.77</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	35	2,335	2,337	<b>23.82</b>	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
	36	2,863	2,864	<b>21.35</b>	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
	37	3,438	3,439	<b>19.10</b>	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
	38	4,857	4,857	<b>14.66</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	39	5,936	5,937	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	40	5,996	5,997	<b>11.89</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	41	6,756	6,756	<b>10.31</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	42	4,424	4,425	<b>15.88</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
	43	5,085	5,086	<b>14.06</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	44	5,855	5,856	<b>12.20</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	45	4,580	4,580	<b>15.43</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	46	5,242	5,243	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	47	7,261	7,262	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	48	8,003	8,004	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	49	9,652	9,652	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	50	10,741	10,741	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	51	11,318	11,318	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	52	9,838	9,838	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	53	10,904	10,904	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	54	11,085	11,086	<b>3.79</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	55	11,256	11,256	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	56	11,889	11,889	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	57	10,097	10,097	<b>5.01</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	58	10,229	10,230	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	59	11,889	11,889	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	60	12,420	12,421	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00

Sum 30.78

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H262 H262

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,601	7,601	<b>8.75</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	2	8,856	8,856	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	3	9,266	9,266	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	4	6,708	6,709	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	5	6,714	6,714	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	6	7,321	7,321	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	7	6,351	6,351	<b>11.13</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	8	8,008	8,008	<b>8.06</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	9	6,999	7,000	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	10	6,290	6,290	<b>11.26</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	11	7,581	7,582	<b>8.79</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	12	6,878	6,878	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	13	8,407	8,407	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	14	8,731	8,731	<b>6.92</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	15	9,405	9,405	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	16	5,719	5,719	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	17	6,175	6,175	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	18	6,808	6,808	<b>10.21</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	19	6,695	6,695	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	20	9,616	9,616	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	21	10,675	10,675	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	22	2,988	2,989	<b>20.84</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
	23	3,428	3,429	<b>19.14</b>	108.5	0.00	81.70	-	-	0.00	0.00	-	0.00
	24	5,532	5,533	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	25	3,948	3,949	<b>17.35</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	26	5,111	5,111	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	27	5,372	5,373	<b>13.34</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	28	6,278	6,279	<b>11.28</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	29	7,395	7,395	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	30	7,913	7,914	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	31	8,245	8,245	<b>7.68</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	32	8,662	8,662	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	33	9,158	9,158	<b>6.30</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	34	10,470	10,470	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	35	2,924	2,925	<b>21.10</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
	36	3,253	3,254	<b>19.79</b>	108.5	0.00	81.25	-	-	0.00	0.00	-	0.00
	37	3,876	3,876	<b>17.58</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	38	5,423	5,423	<b>13.21</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	39	6,268	6,268	<b>11.30</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	40	6,478	6,479	<b>10.87</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	41	7,148	7,148	<b>9.57</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	42	5,282	5,282	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	43	5,829	5,830	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	44	6,605	6,605	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	45	5,687	5,687	<b>12.59</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
	46	6,339	6,340	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	47	8,194	8,195	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	48	9,065	9,066	<b>6.43</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	49	10,628	10,628	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	50	11,644	11,644	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	51	12,274	12,274	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	52	10,889	10,889	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	53	11,985	11,985	<b>2.76</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	54	12,139	12,140	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	55	12,245	12,246	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	56	12,943	12,943	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	57	11,285	11,285	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	58	11,388	11,388	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	59	13,018	13,018	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	60	13,532	13,533	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 30.02

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H278 H278

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,245	7,245	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	2	8,455	8,456	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	3	8,920	8,920	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	4	6,224	6,224	<b>11.40</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	5	6,252	6,253	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	6	6,875	6,875	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	7	5,911	5,911	<b>12.08</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	8	7,621	7,621	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	9	6,628	6,629	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	10	5,940	5,940	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	11	7,297	7,297	<b>9.29</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	12	6,655	6,655	<b>10.51</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	13	8,200	8,200	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	14	8,579	8,579	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	15	9,277	9,277	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	16	5,536	5,537	<b>12.94</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	17	5,992	5,992	<b>11.90</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	18	6,671	6,671	<b>10.48</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	19	6,617	6,617	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	20	9,564	9,564	<b>5.72</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	21	10,636	10,636	<b>4.33</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	22	2,933	2,934	<b>21.06</b>	108.5	0.00	80.35	-	-	0.00	0.00	-	0.00
	23	3,390	3,391	<b>19.28</b>	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
	24	5,514	5,514	<b>12.99</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	25	3,918	3,919	<b>17.44</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	26	5,037	5,037	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	27	5,411	5,411	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	28	6,289	6,289	<b>11.26</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	29	7,390	7,390	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	30	7,977	7,977	<b>8.12</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	31	8,283	8,284	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	32	8,693	8,693	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	33	9,148	9,148	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	34	10,477	10,477	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	35	3,207	3,208	<b>19.97</b>	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
	36	3,448	3,448	<b>19.07</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
	37	4,066	4,067	<b>16.97</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
	38	5,632	5,633	<b>12.71</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	39	6,369	6,369	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	40	6,640	6,641	<b>10.54</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	41	7,266	7,266	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	42	5,611	5,612	<b>12.76</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
	43	6,107	6,107	<b>11.65</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	44	6,877	6,877	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	45	6,117	6,118	<b>11.62</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	46	6,762	6,762	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	47	8,536	8,536	<b>7.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	48	9,463	9,463	<b>5.86</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	49	10,981	10,981	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	50	11,961	11,961	<b>2.79</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	51	12,614	12,615	<b>2.10</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	52	11,277	11,277	<b>3.56</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	53	12,386	12,386	<b>2.33</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	54	12,527	12,527	<b>2.19</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	55	12,602	12,602	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	56	13,330	13,330	<b>1.38</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	57	11,743	11,743	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	58	11,830	11,830	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	59	13,443	13,443	<b>1.27</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	60	13,947	13,948	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00

Sum 29.86

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H279 H279

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,202	6,202	<b>11.44</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
2	7,365	7,365	<b>9.17</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
3	7,884	7,884	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
4	5,097	5,098	<b>14.03</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
5	5,127	5,128	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
6	5,755	5,755	<b>12.43</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
7	4,796	4,796	<b>14.83</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
8	6,544	6,544	<b>10.73</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
9	5,571	5,571	<b>12.86</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
10	4,911	4,911	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
11	6,346	6,346	<b>11.14</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
12	5,804	5,804	<b>12.32</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
13	7,360	7,360	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
14	7,826	7,826	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
15	8,560	8,560	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
16	4,771	4,771	<b>14.89</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
17	5,217	5,217	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
18	5,964	5,964	<b>11.96</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
19	6,021	6,022	<b>11.83</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
20	8,979	8,979	<b>6.55</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
21	10,067	10,067	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
22	2,547	2,548	<b>22.75</b>	108.5	0.00	79.12	-	-	0.00	0.00	-	0.00
23	2,996	2,997	<b>20.80</b>	108.5	0.00	80.53	-	-	0.00	0.00	-	0.00
24	5,058	5,058	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
25	3,504	3,504	<b>18.86</b>	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
26	4,486	4,486	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
27	5,070	5,071	<b>14.10</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
28	5,870	5,871	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
29	6,919	6,919	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
30	7,633	7,633	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
31	7,885	7,885	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
32	8,275	8,275	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
33	8,647	8,647	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
34	9,997	9,997	<b>5.14</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
35	3,495	3,496	<b>18.89</b>	108.5	0.00	81.87	-	-	0.00	0.00	-	0.00
36	3,531	3,532	<b>18.76</b>	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
37	4,101	4,102	<b>16.86</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
38	5,646	5,646	<b>12.68</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
39	6,133	6,133	<b>11.59</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
40	6,525	6,525	<b>10.77</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
41	7,045	7,045	<b>9.76</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
42	5,897	5,897	<b>12.11</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
43	6,259	6,259	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
44	7,001	7,002	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
45	6,648	6,649	<b>10.52</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
46	7,262	7,262	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
47	8,801	8,801	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
48	9,865	9,865	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
49	11,254	11,254	<b>3.59</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
50	12,137	12,138	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
51	12,846	12,847	<b>1.86</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
52	11,640	11,641	<b>3.15</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
53	12,779	12,780	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
54	12,883	12,883	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
55	12,875	12,875	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
56	13,679	13,679	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
57	12,308	12,308	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
58	12,343	12,344	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
59	13,899	13,899	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
60	14,374	14,374	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 30.80

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H280 H280

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,111	6,111	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
2	7,284	7,284	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
3	7,792	7,792	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
4	5,046	5,047	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
5	5,065	5,066	<b>14.11</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
6	5,688	5,688	<b>12.59</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
7	4,725	4,726	<b>15.02</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
8	6,460	6,460	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
9	5,482	5,482	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
10	4,817	4,817	<b>14.77</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
11	6,244	6,244	<b>11.35</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
12	5,694	5,695	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
13	7,250	7,251	<b>9.38</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
14	7,714	7,714	<b>8.56</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
15	8,447	8,448	<b>7.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
16	4,659	4,659	<b>15.21</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
17	5,105	5,105	<b>14.01</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
18	5,851	5,851	<b>12.21</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
19	5,908	5,908	<b>12.08</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
20	8,866	8,866	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
21	9,954	9,954	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
22	2,441	2,442	<b>23.24</b>	108.5	0.00	78.76	-	-	0.00	0.00	-	0.00
23	2,889	2,890	<b>21.25</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
24	4,946	4,947	<b>14.42</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
25	3,395	3,396	<b>19.26</b>	108.5	0.00	81.62	-	-	0.00	0.00	-	0.00
26	4,373	4,373	<b>16.03</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
27	4,962	4,963	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
28	5,760	5,760	<b>12.42</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
29	6,807	6,807	<b>10.21</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
30	7,524	7,524	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
31	7,774	7,775	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
32	8,164	8,164	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
33	8,534	8,534	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
34	9,884	9,884	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
35	3,429	3,430	<b>19.13</b>	108.5	0.00	81.70	-	-	0.00	0.00	-	0.00
36	3,449	3,450	<b>19.06</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
37	4,014	4,015	<b>17.13</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
38	5,554	5,555	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
39	6,028	6,028	<b>11.82</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
40	6,426	6,426	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
41	6,940	6,940	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
42	5,824	5,825	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
43	6,176	6,176	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
44	6,915	6,916	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
45	6,596	6,596	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
46	7,205	7,206	<b>9.46</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
47	8,724	8,724	<b>6.93</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
48	9,798	9,798	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
49	11,176	11,176	<b>3.68</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
50	12,052	12,053	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
51	12,765	12,765	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
52	11,569	11,570	<b>3.23</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
53	12,711	12,711	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
54	12,811	12,811	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
55	12,796	12,796	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
56	13,606	13,606	<b>1.11</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
57	12,255	12,255	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
58	12,286	12,286	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
59	13,835	13,835	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
60	14,307	14,307	<b>0.46</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00

Sum 31.10

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H281 H281

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,938	5,938	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	2	7,272	7,272	<b>9.34</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	3	7,579	7,579	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	4	5,455	5,455	<b>13.14</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	5	5,349	5,349	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	6	5,886	5,887	<b>12.13</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	7	4,911	4,912	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	8	6,401	6,401	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	9	5,368	5,368	<b>13.35</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	10	4,627	4,628	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	11	5,836	5,836	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	12	5,107	5,107	<b>14.00</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
	13	6,635	6,635	<b>10.55</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	14	6,974	6,974	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	15	7,662	7,662	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	16	3,949	3,949	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	17	4,405	4,406	<b>15.93</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	18	5,058	5,058	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	19	4,995	4,995	<b>14.29</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	20	7,944	7,944	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	21	9,018	9,018	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	22	1,332	1,334	<b>30.84</b>	108.5	0.00	73.50	-	-	0.00	0.00	-	0.00
	23	1,793	1,795	<b>27.21</b>	108.5	0.00	76.08	-	-	0.00	0.00	-	0.00
	24	3,912	3,913	<b>17.46</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
	25	2,320	2,321	<b>23.91</b>	108.5	0.00	78.31	-	-	0.00	0.00	-	0.00
	26	3,415	3,416	<b>19.18</b>	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
	27	3,854	3,854	<b>17.66</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	28	4,703	4,703	<b>15.08</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	29	5,789	5,789	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	30	6,427	6,428	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	31	6,710	6,710	<b>10.40</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	32	7,113	7,113	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	33	7,542	7,542	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	34	8,878	8,879	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	35	2,286	2,288	<b>24.10</b>	108.5	0.00	78.19	-	-	0.00	0.00	-	0.00
	36	2,244	2,245	<b>24.34</b>	108.5	0.00	78.03	-	-	0.00	0.00	-	0.00
	37	2,802	2,803	<b>21.61</b>	108.5	0.00	79.95	-	-	0.00	0.00	-	0.00
	38	4,343	4,344	<b>16.12</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	39	4,876	4,876	<b>14.61</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	40	5,237	5,237	<b>13.67</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	41	5,785	5,786	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	42	4,641	4,642	<b>15.25</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
	43	4,967	4,968	<b>14.37</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	44	5,704	5,704	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	45	5,507	5,507	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	46	6,093	6,094	<b>11.68</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	47	7,525	7,525	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	48	8,631	8,631	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	49	9,976	9,976	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	50	10,841	10,841	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	51	11,558	11,558	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	52	10,388	10,388	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	53	11,535	11,536	<b>3.26</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	54	11,626	11,626	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	55	11,594	11,594	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	56	12,418	12,418	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	57	11,150	11,150	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	58	11,156	11,156	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	59	12,679	12,679	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	60	13,140	13,140	<b>1.56</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00

Sum 35.60

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H282 H282

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,370	5,370	<b>13.34</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	2	6,648	6,648	<b>10.52</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	3	7,034	7,034	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	4	4,728	4,729	<b>15.01</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	5	4,640	4,641	<b>15.26</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
	6	5,197	5,198	<b>13.77</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	7	4,221	4,221	<b>16.49</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	8	5,790	5,790	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	9	4,773	4,773	<b>14.89</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	10	4,058	4,058	<b>16.99</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
	11	5,380	5,380	<b>13.32</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	12	4,757	4,758	<b>14.93</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	13	6,309	6,309	<b>11.22</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	14	6,739	6,739	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	15	7,465	7,465	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	16	3,683	3,683	<b>18.23</b>	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
	17	4,133	4,133	<b>16.76</b>	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	18	4,863	4,864	<b>14.64</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	19	4,911	4,911	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	20	7,869	7,869	<b>8.30</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	21	8,957	8,957	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	22	1,544	1,546	<b>29.06</b>	108.5	0.00	74.78	-	-	0.00	0.00	-	0.00
	23	1,964	1,965	<b>26.06</b>	108.5	0.00	76.87	-	-	0.00	0.00	-	0.00
	24	3,968	3,968	<b>17.28</b>	108.5	0.00	82.97	-	-	0.00	0.00	-	0.00
	25	2,446	2,447	<b>23.22</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	26	3,380	3,381	<b>19.31</b>	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
	27	4,016	4,017	<b>17.13</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
	28	4,786	4,786	<b>14.85</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	29	5,819	5,820	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	30	6,562	6,562	<b>10.70</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	31	6,798	6,799	<b>10.23</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	32	7,183	7,183	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	33	7,541	7,541	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	34	8,892	8,893	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	35	2,942	2,943	<b>21.03</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
	36	2,795	2,797	<b>21.64</b>	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
	37	3,292	3,292	<b>19.64</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
	38	4,770	4,770	<b>14.90</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	39	5,110	5,111	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	40	5,558	5,558	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	41	6,021	6,022	<b>11.83</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	42	5,219	5,219	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	43	5,467	5,467	<b>13.11</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	44	6,176	6,176	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	45	6,175	6,175	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	46	6,744	6,744	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	47	8,056	8,056	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	48	9,220	9,220	<b>6.21</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	49	10,495	10,495	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	50	11,303	11,304	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	51	12,047	12,048	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	52	10,950	10,950	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	53	12,107	12,107	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	54	12,179	12,179	<b>2.55</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	55	12,105	12,105	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	56	12,965	12,965	<b>1.74</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	57	11,796	11,796	<b>2.97</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	58	11,782	11,782	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	59	13,275	13,275	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	60	13,721	13,722	<b>1.00</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00

Sum 34.49

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H283 H283

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,552	5,552	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
2	6,948	6,948	<b>9.94</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
3	7,155	7,155	<b>9.55</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
4	5,385	5,386	<b>13.30</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
5	5,212	5,212	<b>13.74</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
6	5,692	5,692	<b>12.58</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
7	4,731	4,731	<b>15.00</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
8	6,064	6,064	<b>11.74</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
9	5,020	5,021	<b>14.23</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
10	4,257	4,257	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
11	5,342	5,342	<b>13.41</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
12	4,546	4,547	<b>15.52</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
13	6,052	6,052	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
14	6,349	6,349	<b>11.13</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
15	7,023	7,023	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
16	3,355	3,355	<b>19.41</b>	108.5	0.00	81.51	-	-	0.00	0.00	-	0.00
17	3,809	3,810	<b>17.80</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
18	4,426	4,426	<b>15.87</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
19	4,333	4,334	<b>16.15</b>	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
20	7,277	7,277	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
21	8,349	8,349	<b>7.51</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
22	659	664	<b>38.81</b>	108.5	0.00	67.44	-	-	0.00	0.00	-	0.00
23	1,120	1,123	<b>32.88</b>	108.5	0.00	72.00	-	-	0.00	0.00	-	0.00
24	3,238	3,239	<b>19.85</b>	108.5	0.00	81.21	-	-	0.00	0.00	-	0.00
25	1,646	1,648	<b>28.27</b>	108.5	0.00	75.34	-	-	0.00	0.00	-	0.00
26	2,750	2,751	<b>21.84</b>	108.5	0.00	79.79	-	-	0.00	0.00	-	0.00
27	3,187	3,188	<b>20.04</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
28	4,029	4,030	<b>17.09</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
29	5,115	5,115	<b>13.98</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
30	5,760	5,760	<b>12.42</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
31	6,038	6,038	<b>11.80</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
32	6,439	6,440	<b>10.95</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
33	6,869	6,869	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
34	8,204	8,204	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
35	2,027	2,029	<b>25.65</b>	108.5	0.00	77.15	-	-	0.00	0.00	-	0.00
36	1,811	1,812	<b>27.08</b>	108.5	0.00	76.16	-	-	0.00	0.00	-	0.00
37	2,297	2,298	<b>24.04</b>	108.5	0.00	78.23	-	-	0.00	0.00	-	0.00
38	3,788	3,789	<b>17.87</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
39	4,228	4,229	<b>16.46</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
40	4,622	4,623	<b>15.31</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
41	5,140	5,140	<b>13.92</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
42	4,233	4,234	<b>16.45</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
43	4,473	4,473	<b>15.73</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
44	5,185	5,186	<b>13.80</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
45	5,246	5,247	<b>13.65</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
46	5,795	5,796	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
47	7,061	7,061	<b>9.73</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
48	8,234	8,235	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
49	9,500	9,500	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
50	10,317	10,317	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
51	11,056	11,056	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
52	9,957	9,957	<b>5.19</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
53	11,116	11,116	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
54	11,185	11,186	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
55	11,111	11,112	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
56	11,971	11,971	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
57	10,837	10,837	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
58	10,810	10,810	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
59	12,290	12,290	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
60	12,732	12,732	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00

Sum 41.05



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H284 H284

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,512	4,512	15.62	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
2	5,926	5,926	12.05	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
3	6,111	6,111	11.64	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
4	4,566	4,566	15.47	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
5	4,327	4,328	16.16	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
6	4,753	4,753	14.95	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
7	3,814	3,815	17.79	108.5	0.00	82.63	-	-	0.00	0.00	-	0.00
8	5,038	5,038	14.18	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
9	3,993	3,993	17.20	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
10	3,224	3,225	19.90	108.5	0.00	81.17	-	-	0.00	0.00	-	0.00
11	4,309	4,309	16.22	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
12	3,560	3,561	18.66	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
13	5,093	5,093	14.04	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
14	5,467	5,467	13.11	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
15	6,179	6,180	11.49	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
16	2,420	2,420	23.36	108.5	0.00	78.68	-	-	0.00	0.00	-	0.00
17	2,875	2,876	21.31	108.5	0.00	80.17	-	-	0.00	0.00	-	0.00
18	3,574	3,574	18.62	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
19	3,612	3,612	18.48	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
20	6,568	6,568	10.68	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
21	7,657	7,657	8.66	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
22	890	893	35.51	108.5	0.00	70.02	-	-	0.00	0.00	-	0.00
23	1,036	1,037	33.80	108.5	0.00	71.32	-	-	0.00	0.00	-	0.00
24	2,726	2,727	21.94	108.5	0.00	79.71	-	-	0.00	0.00	-	0.00
25	1,351	1,352	30.68	108.5	0.00	73.62	-	-	0.00	0.00	-	0.00
26	2,101	2,101	25.20	108.5	0.00	77.45	-	-	0.00	0.00	-	0.00
27	2,860	2,861	21.37	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
28	3,550	3,550	18.70	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
29	4,547	4,548	15.52	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
30	5,343	5,343	13.41	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
31	5,550	5,550	12.91	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
32	5,923	5,924	12.05	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
33	6,253	6,253	11.33	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
34	7,607	7,607	8.74	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
35	2,804	2,805	21.61	108.5	0.00	79.96	-	-	0.00	0.00	-	0.00
36	2,388	2,390	23.53	108.5	0.00	78.57	-	-	0.00	0.00	-	0.00
37	2,680	2,680	22.15	108.5	0.00	79.56	-	-	0.00	0.00	-	0.00
38	3,934	3,935	17.39	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
39	3,998	3,999	17.18	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
40	4,539	4,539	15.55	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
41	4,895	4,895	14.56	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
42	4,682	4,683	15.14	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
43	4,744	4,744	14.97	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
44	5,378	5,378	13.32	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
45	5,887	5,888	12.13	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
46	6,377	6,377	11.07	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
47	7,339	7,339	9.22	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
48	8,627	8,627	7.08	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
49	9,727	9,727	5.50	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
50	10,425	10,426	4.59	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
51	11,213	11,214	3.63	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
52	10,273	10,273	4.78	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
53	11,445	11,445	3.37	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
54	11,473	11,474	3.33	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
55	11,312	11,312	3.52	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
56	12,241	12,241	2.49	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
57	11,347	11,347	3.48	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
58	11,268	11,268	3.57	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
59	12,668	12,668	2.04	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
60	13,074	13,075	1.63	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00

Sum 39.96

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:36 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H285 H285

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,363	4,364	16.06	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
2	5,856	5,856	12.20	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
3	5,856	5,856	12.20	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
4	4,935	4,936	14.45	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
5	4,612	4,613	15.33	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
6	4,932	4,933	14.46	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
7	4,062	4,063	16.98	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
8	4,967	4,967	14.37	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
9	3,939	3,939	17.38	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
10	3,165	3,166	20.13	108.5	0.00	81.01	-	-	0.00	0.00	-	0.00
11	3,938	3,938	17.38	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
12	3,038	3,038	20.64	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
13	4,505	4,505	15.64	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
14	4,774	4,775	14.89	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
15	5,451	5,451	13.15	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
16	1,811	1,812	27.09	108.5	0.00	76.16	-	-	0.00	0.00	-	0.00
17	2,258	2,259	24.26	108.5	0.00	78.08	-	-	0.00	0.00	-	0.00
18	2,851	2,852	21.41	108.5	0.00	80.10	-	-	0.00	0.00	-	0.00
19	2,801	2,801	21.62	108.5	0.00	79.95	-	-	0.00	0.00	-	0.00
20	5,759	5,759	12.42	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
21	6,843	6,843	10.14	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
22	1,035	1,038	33.79	108.5	0.00	71.33	-	-	0.00	0.00	-	0.00
23	761	765	37.24	108.5	0.00	68.67	-	-	0.00	0.00	-	0.00
24	1,869	1,871	26.68	108.5	0.00	76.44	-	-	0.00	0.00	-	0.00
25	686	691	38.37	108.5	0.00	67.79	-	-	0.00	0.00	-	0.00
26	1,253	1,255	31.57	108.5	0.00	72.97	-	-	0.00	0.00	-	0.00
27	2,033	2,035	25.61	108.5	0.00	77.17	-	-	0.00	0.00	-	0.00
28	2,693	2,694	22.09	108.5	0.00	79.61	-	-	0.00	0.00	-	0.00
29	3,696	3,697	18.19	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
30	4,487	4,488	15.69	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
31	4,693	4,693	15.11	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
32	5,069	5,069	14.10	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
33	5,414	5,414	13.24	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
34	6,765	6,765	10.29	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
35	2,744	2,746	21.86	108.5	0.00	79.77	-	-	0.00	0.00	-	0.00
36	2,189	2,191	24.66	108.5	0.00	77.81	-	-	0.00	0.00	-	0.00
37	2,281	2,282	24.13	108.5	0.00	78.17	-	-	0.00	0.00	-	0.00
38	3,291	3,292	19.64	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
39	3,183	3,184	20.06	108.5	0.00	81.06	-	-	0.00	0.00	-	0.00
40	3,767	3,768	17.94	108.5	0.00	82.52	-	-	0.00	0.00	-	0.00
41	4,067	4,068	16.96	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
42	4,220	4,221	16.49	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
43	4,154	4,155	16.69	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
44	4,728	4,728	15.01	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
45	5,558	5,559	12.89	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
46	5,985	5,985	11.91	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
47	6,714	6,714	10.39	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
48	8,064	8,065	7.97	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
49	9,057	9,058	6.44	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
50	9,695	9,695	5.54	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
51	10,503	10,503	4.49	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
52	9,651	9,651	5.60	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
53	10,826	10,826	4.10	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
54	10,831	10,831	4.09	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
55	10,622	10,622	4.34	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
56	11,586	11,586	3.21	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
57	10,853	10,854	4.06	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
58	10,736	10,736	4.20	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
59	12,076	12,077	2.66	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
60	12,459	12,459	2.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00

Sum 43.04

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H286 H286

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,445	5,445	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	2	6,967	6,967	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	3	6,829	6,829	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	4	6,178	6,179	<b>11.49</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	5	5,853	5,853	<b>12.21</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	6	6,154	6,154	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	7	5,300	5,301	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	8	6,087	6,087	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	9	5,083	5,083	<b>14.06</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	10	4,323	4,324	<b>16.18</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
	11	4,845	4,845	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	12	3,811	3,811	<b>17.80</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
	13	5,097	5,097	<b>14.03</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	14	5,141	5,142	<b>13.92</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	15	5,702	5,702	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	16	2,590	2,591	<b>22.55</b>	108.5	0.00	79.27	-	-	0.00	0.00	-	0.00
	17	2,961	2,962	<b>20.95</b>	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
	18	3,267	3,267	<b>19.74</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	19	2,916	2,917	<b>21.13</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
	20	5,716	5,716	<b>12.52</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	21	6,749	6,749	<b>10.33</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	22	1,215	1,218	<b>31.92</b>	108.5	0.00	72.71	-	-	0.00	0.00	-	0.00
	23	816	819	<b>36.48</b>	108.5	0.00	69.27	-	-	0.00	0.00	-	0.00
	24	1,633	1,634	<b>28.37</b>	108.5	0.00	75.27	-	-	0.00	0.00	-	0.00
	25	559	565	<b>40.54</b>	108.5	0.00	66.04	-	-	0.00	0.00	-	0.00
	26	1,471	1,473	<b>29.65</b>	108.5	0.00	74.36	-	-	0.00	0.00	-	0.00
	27	1,405	1,408	<b>30.20</b>	108.5	0.00	73.97	-	-	0.00	0.00	-	0.00
	28	2,320	2,321	<b>23.91</b>	108.5	0.00	78.31	-	-	0.00	0.00	-	0.00
	29	3,445	3,446	<b>19.08</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
	30	3,963	3,964	<b>17.30</b>	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00
	31	4,280	4,280	<b>16.31</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	32	4,695	4,695	<b>15.10</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
	33	5,205	5,205	<b>13.75</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	34	6,505	6,506	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	35	1,846	1,848	<b>26.84</b>	108.5	0.00	76.34	-	-	0.00	0.00	-	0.00
	36	1,205	1,208	<b>32.02</b>	108.5	0.00	72.64	-	-	0.00	0.00	-	0.00
	37	1,081	1,084	<b>33.29</b>	108.5	0.00	71.70	-	-	0.00	0.00	-	0.00
	38	2,115	2,117	<b>25.11</b>	108.5	0.00	77.51	-	-	0.00	0.00	-	0.00
	39	2,387	2,389	<b>23.53</b>	108.5	0.00	78.56	-	-	0.00	0.00	-	0.00
	40	2,801	2,802	<b>21.62</b>	108.5	0.00	79.95	-	-	0.00	0.00	-	0.00
	41	3,298	3,299	<b>19.62</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
	42	2,977	2,979	<b>20.88</b>	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
	43	2,940	2,942	<b>21.03</b>	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
	44	3,559	3,560	<b>18.66</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
	45	4,341	4,342	<b>16.12</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	46	4,748	4,749	<b>14.96</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	47	5,526	5,527	<b>12.96</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	48	6,843	6,844	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	49	7,908	7,909	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	50	8,621	8,621	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	51	9,400	9,400	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	52	8,462	8,463	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	53	9,636	9,636	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	54	9,658	9,658	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	55	9,494	9,494	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	56	10,424	10,424	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	57	9,614	9,615	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	58	9,506	9,506	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	59	10,871	10,871	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	60	11,267	11,267	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00

Sum 44.29

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H287 H287

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,447	5,447	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
2	6,945	6,945	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
3	6,414	6,414	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
4	7,060	7,061	<b>9.73</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
5	6,612	6,612	<b>10.60</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
6	6,698	6,698	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
7	6,047	6,048	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
8	6,157	6,157	<b>11.54</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
9	5,330	5,330	<b>13.44</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
10	4,710	4,711	<b>15.06</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
11	4,471	4,471	<b>15.74</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
12	3,350	3,351	<b>19.42</b>	108.5	0.00	81.50	-	-	0.00	0.00	-	0.00
13	4,065	4,066	<b>16.97</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
14	3,738	3,739	<b>18.04</b>	108.5	0.00	82.45	-	-	0.00	0.00	-	0.00
15	4,088	4,088	<b>16.90</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
16	2,580	2,581	<b>22.59</b>	108.5	0.00	79.24	-	-	0.00	0.00	-	0.00
17	2,645	2,646	<b>22.30</b>	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
18	2,325	2,326	<b>23.88</b>	108.5	0.00	78.33	-	-	0.00	0.00	-	0.00
19	1,611	1,613	<b>28.54</b>	108.5	0.00	75.15	-	-	0.00	0.00	-	0.00
20	3,781	3,782	<b>17.90</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00
21	4,749	4,749	<b>14.95</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
22	3,257	3,259	<b>19.77</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
23	2,801	2,802	<b>21.62</b>	108.5	0.00	79.95	-	-	0.00	0.00	-	0.00
24	943	947	<b>34.85</b>	108.5	0.00	70.52	-	-	0.00	0.00	-	0.00
25	2,294	2,296	<b>24.05</b>	108.5	0.00	78.22	-	-	0.00	0.00	-	0.00
26	1,645	1,647	<b>28.28</b>	108.5	0.00	75.33	-	-	0.00	0.00	-	0.00
27	726	732	<b>37.73</b>	108.5	0.00	68.29	-	-	0.00	0.00	-	0.00
28	497	504	<b>41.75</b>	108.5	0.00	65.05	-	-	0.00	0.00	-	0.00
29	1,468	1,470	<b>29.67</b>	108.5	0.00	74.35	-	-	0.00	0.00	-	0.00
30	1,850	1,851	<b>26.82</b>	108.5	0.00	76.35	-	-	0.00	0.00	-	0.00
31	2,170	2,171	<b>24.78</b>	108.5	0.00	77.73	-	-	0.00	0.00	-	0.00
32	2,591	2,592	<b>22.55</b>	108.5	0.00	79.27	-	-	0.00	0.00	-	0.00
33	3,165	3,166	<b>20.13</b>	108.5	0.00	81.01	-	-	0.00	0.00	-	0.00
34	4,421	4,421	<b>15.89</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
35	3,605	3,607	<b>18.50</b>	108.5	0.00	82.14	-	-	0.00	0.00	-	0.00
36	3,014	3,016	<b>20.73</b>	108.5	0.00	80.59	-	-	0.00	0.00	-	0.00
37	2,494	2,496	<b>22.99</b>	108.5	0.00	78.94	-	-	0.00	0.00	-	0.00
38	1,831	1,834	<b>26.94</b>	108.5	0.00	76.27	-	-	0.00	0.00	-	0.00
39	615	621	<b>39.53</b>	108.5	0.00	66.86	-	-	0.00	0.00	-	0.00
40	1,385	1,389	<b>30.36</b>	108.5	0.00	73.85	-	-	0.00	0.00	-	0.00
41	1,373	1,375	<b>30.48</b>	108.5	0.00	73.77	-	-	0.00	0.00	-	0.00
42	3,225	3,227	<b>19.90</b>	108.5	0.00	81.17	-	-	0.00	0.00	-	0.00
43	2,634	2,636	<b>22.35</b>	108.5	0.00	79.42	-	-	0.00	0.00	-	0.00
44	2,802	2,804	<b>21.61</b>	108.5	0.00	79.95	-	-	0.00	0.00	-	0.00
45	4,770	4,771	<b>14.90</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
46	4,908	4,909	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
47	4,686	4,687	<b>15.13</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
48	6,189	6,189	<b>11.47</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
49	6,777	6,778	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
50	7,212	7,212	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
51	8,070	8,071	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
52	7,514	7,515	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
53	8,674	8,674	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
54	8,602	8,602	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
55	8,250	8,251	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
56	9,307	9,307	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
57	9,108	9,108	<b>6.37</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
58	8,868	8,869	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
59	9,987	9,988	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
60	10,289	10,290	<b>4.76</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00

Sum 46.19

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H288 H288

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,174	4,174	<b>16.63</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
2	5,697	5,697	<b>12.56</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
3	5,304	5,305	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
4	5,694	5,694	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
5	5,243	5,244	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
6	5,339	5,339	<b>13.42</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
7	4,679	4,680	<b>15.15</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
8	4,875	4,876	<b>14.61</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
9	4,000	4,000	<b>17.18</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
10	3,353	3,354	<b>19.41</b>	108.5	0.00	81.51	-	-	0.00	0.00	-	0.00
11	3,309	3,310	<b>19.58</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00
12	2,190	2,192	<b>24.66</b>	108.5	0.00	77.82	-	-	0.00	0.00	-	0.00
13	3,283	3,283	<b>19.68</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
14	3,281	3,282	<b>19.69</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
15	3,861	3,861	<b>17.63</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
16	1,227	1,230	<b>31.81</b>	108.5	0.00	72.80	-	-	0.00	0.00	-	0.00
17	1,381	1,384	<b>30.40</b>	108.5	0.00	73.82	-	-	0.00	0.00	-	0.00
18	1,427	1,429	<b>30.02</b>	108.5	0.00	74.10	-	-	0.00	0.00	-	0.00
19	1,092	1,095	<b>33.17</b>	108.5	0.00	71.79	-	-	0.00	0.00	-	0.00
20	4,025	4,025	<b>17.10</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
21	5,100	5,101	<b>14.02</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
22	2,619	2,621	<b>22.41</b>	108.5	0.00	79.37	-	-	0.00	0.00	-	0.00
23	2,179	2,181	<b>24.72</b>	108.5	0.00	77.77	-	-	0.00	0.00	-	0.00
24	494	501	<b>41.80</b>	108.5	0.00	65.00	-	-	0.00	0.00	-	0.00
25	1,671	1,674	<b>28.08</b>	108.5	0.00	75.47	-	-	0.00	0.00	-	0.00
26	505	512	<b>41.58</b>	108.5	0.00	65.18	-	-	0.00	0.00	-	0.00
27	1,068	1,072	<b>33.42</b>	108.5	0.00	71.60	-	-	0.00	0.00	-	0.00
28	1,100	1,103	<b>33.09</b>	108.5	0.00	71.85	-	-	0.00	0.00	-	0.00
29	1,959	1,960	<b>26.09</b>	108.5	0.00	76.85	-	-	0.00	0.00	-	0.00
30	2,854	2,855	<b>21.39</b>	108.5	0.00	80.11	-	-	0.00	0.00	-	0.00
31	2,992	2,993	<b>20.82</b>	108.5	0.00	80.52	-	-	0.00	0.00	-	0.00
32	3,346	3,346	<b>19.44</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
33	3,659	3,660	<b>18.32</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
34	5,012	5,012	<b>14.25</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
35	3,693	3,695	<b>18.19</b>	108.5	0.00	82.35	-	-	0.00	0.00	-	0.00
36	3,049	3,051	<b>20.59</b>	108.5	0.00	80.69	-	-	0.00	0.00	-	0.00
37	2,749	2,751	<b>21.84</b>	108.5	0.00	79.79	-	-	0.00	0.00	-	0.00
38	2,838	2,840	<b>21.46</b>	108.5	0.00	80.07	-	-	0.00	0.00	-	0.00
39	1,975	1,977	<b>25.98</b>	108.5	0.00	76.92	-	-	0.00	0.00	-	0.00
40	2,728	2,730	<b>21.93</b>	108.5	0.00	79.72	-	-	0.00	0.00	-	0.00
41	2,695	2,696	<b>22.08</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
42	4,147	4,148	<b>16.71</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
43	3,737	3,739	<b>18.04</b>	108.5	0.00	82.45	-	-	0.00	0.00	-	0.00
44	4,059	4,060	<b>16.99</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
45	5,675	5,676	<b>12.61</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
46	5,929	5,930	<b>12.04</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
47	6,002	6,003	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
48	7,482	7,483	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
49	8,142	8,142	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
50	8,574	8,575	<b>7.16</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
51	9,437	9,437	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
52	8,864	8,865	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
53	10,028	10,028	<b>5.10</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
54	9,964	9,964	<b>5.18</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
55	9,619	9,619	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
56	10,673	10,673	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
57	10,385	10,386	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
58	10,173	10,173	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
59	11,335	11,335	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
60	11,647	11,647	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00

Sum 46.43

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H289 H289

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,807	5,807	<b>12.31</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
2	7,214	7,215	<b>9.44</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
3	6,473	6,473	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
4	7,795	7,796	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
5	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
6	7,280	7,281	<b>9.32</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
7	6,755	6,755	<b>10.31</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
8	6,515	6,515	<b>10.79</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
9	5,829	5,830	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
10	5,322	5,322	<b>13.46</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
11	4,690	4,691	<b>15.12</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
12	3,658	3,659	<b>18.32</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
13	3,877	3,878	<b>17.58</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
14	3,275	3,276	<b>19.71</b>	108.5	0.00	81.31	-	-	0.00	0.00	-	0.00
15	3,390	3,390	<b>19.28</b>	108.5	0.00	81.60	-	-	0.00	0.00	-	0.00
16	3,280	3,281	<b>19.69</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
17	3,174	3,175	<b>20.09</b>	108.5	0.00	81.04	-	-	0.00	0.00	-	0.00
18	2,536	2,538	<b>22.79</b>	108.5	0.00	79.09	-	-	0.00	0.00	-	0.00
19	1,807	1,809	<b>27.11</b>	108.5	0.00	76.15	-	-	0.00	0.00	-	0.00
20	2,757	2,758	<b>21.81</b>	108.5	0.00	79.81	-	-	0.00	0.00	-	0.00
21	3,623	3,623	<b>18.44</b>	108.5	0.00	82.18	-	-	0.00	0.00	-	0.00
22	4,494	4,495	<b>15.67</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
23	4,034	4,036	<b>17.07</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
24	2,006	2,008	<b>25.78</b>	108.5	0.00	77.06	-	-	0.00	0.00	-	0.00
25	3,518	3,519	<b>18.81</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
26	2,683	2,684	<b>22.13</b>	108.5	0.00	79.58	-	-	0.00	0.00	-	0.00
27	1,969	1,971	<b>26.02</b>	108.5	0.00	76.90	-	-	0.00	0.00	-	0.00
28	1,187	1,190	<b>32.20</b>	108.5	0.00	72.51	-	-	0.00	0.00	-	0.00
29	778	782	<b>37.00</b>	108.5	0.00	68.87	-	-	0.00	0.00	-	0.00
30	614	620	<b>39.55</b>	108.5	0.00	66.84	-	-	0.00	0.00	-	0.00
31	935	938	<b>34.95</b>	108.5	0.00	70.45	-	-	0.00	0.00	-	0.00
32	1,362	1,365	<b>30.57</b>	108.5	0.00	73.70	-	-	0.00	0.00	-	0.00
33	2,028	2,029	<b>25.65</b>	108.5	0.00	77.15	-	-	0.00	0.00	-	0.00
34	3,206	3,206	<b>19.97</b>	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
35	4,786	4,788	<b>14.85</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
36	4,223	4,224	<b>16.48</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
37	3,667	3,668	<b>18.29</b>	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
38	2,636	2,638	<b>22.33</b>	108.5	0.00	79.43	-	-	0.00	0.00	-	0.00
39	1,208	1,212	<b>31.98</b>	108.5	0.00	72.67	-	-	0.00	0.00	-	0.00
40	1,634	1,637	<b>28.35</b>	108.5	0.00	75.28	-	-	0.00	0.00	-	0.00
41	899	903	<b>35.38</b>	108.5	0.00	70.12	-	-	0.00	0.00	-	0.00
42	3,950	3,951	<b>17.34</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
43	3,196	3,198	<b>20.00</b>	108.5	0.00	81.10	-	-	0.00	0.00	-	0.00
44	3,049	3,051	<b>20.58</b>	108.5	0.00	80.69	-	-	0.00	0.00	-	0.00
45	5,422	5,423	<b>13.21</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
46	5,417	5,419	<b>13.22</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
47	4,609	4,610	<b>15.34</b>	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
48	6,137	6,138	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
49	6,366	6,366	<b>11.10</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
50	6,574	6,575	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
51	7,472	7,473	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
52	7,208	7,209	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
53	8,324	8,325	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
54	8,188	8,189	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
55	7,712	7,713	<b>8.56</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
56	8,835	8,836	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
57	9,046	9,047	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
58	8,729	8,730	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
59	9,662	9,663	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
60	9,895	9,896	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00

Sum 44.71

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H292 H292

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,786	6,787	<b>10.25</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
2	8,018	8,018	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
3	7,044	7,045	<b>9.76</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
4	9,120	9,121	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
5	8,591	8,592	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
6	8,450	8,451	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
7	8,075	8,076	<b>7.95</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
8	7,455	7,455	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
9	6,962	6,962	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
10	6,596	6,597	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
11	5,587	5,587	<b>12.82</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
12	4,758	4,758	<b>14.93</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
13	4,366	4,366	<b>16.05</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
14	3,478	3,479	<b>18.95</b>	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
15	3,158	3,159	<b>20.16</b>	108.5	0.00	80.99	-	-	0.00	0.00	-	0.00
16	4,762	4,763	<b>14.92</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
17	4,533	4,533	<b>15.56</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
18	3,725	3,726	<b>18.09</b>	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
19	3,173	3,174	<b>20.10</b>	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
20	1,935	1,936	<b>26.25</b>	108.5	0.00	76.74	-	-	0.00	0.00	-	0.00
21	2,300	2,301	<b>24.02</b>	108.5	0.00	78.24	-	-	0.00	0.00	-	0.00
22	6,308	6,308	<b>11.22</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
23	5,847	5,848	<b>12.22</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
24	3,778	3,779	<b>17.91</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00
25	5,327	5,328	<b>13.45</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
26	4,415	4,415	<b>15.90</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
27	3,787	3,788	<b>17.88</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
28	2,958	2,959	<b>20.96</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
29	2,013	2,014	<b>25.74</b>	108.5	0.00	77.08	-	-	0.00	0.00	-	0.00
30	1,226	1,229	<b>31.82</b>	108.5	0.00	72.79	-	-	0.00	0.00	-	0.00
31	954	958	<b>34.72</b>	108.5	0.00	70.62	-	-	0.00	0.00	-	0.00
32	656	660	<b>38.86</b>	108.5	0.00	67.39	-	-	0.00	0.00	-	0.00
33	1,129	1,131	<b>32.79</b>	108.5	0.00	72.07	-	-	0.00	0.00	-	0.00
34	1,588	1,589	<b>28.72</b>	108.5	0.00	75.02	-	-	0.00	0.00	-	0.00
35	6,532	6,533	<b>10.76</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
36	5,997	5,998	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
37	5,417	5,418	<b>13.23</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
38	4,182	4,183	<b>16.60</b>	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
39	2,918	2,919	<b>21.12</b>	108.5	0.00	80.31	-	-	0.00	0.00	-	0.00
40	3,020	3,022	<b>20.70</b>	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
41	2,163	2,165	<b>24.82</b>	108.5	0.00	77.71	-	-	0.00	0.00	-	0.00
42	5,317	5,318	<b>13.47</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
43	4,488	4,490	<b>15.69</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
44	4,065	4,067	<b>16.97</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
45	6,629	6,630	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
46	6,467	6,468	<b>10.89</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
47	5,004	5,004	<b>14.27</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
48	6,428	6,428	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
49	6,102	6,103	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
50	5,923	5,924	<b>12.05</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
51	6,841	6,841	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
52	7,058	7,059	<b>9.73</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
53	8,057	8,058	<b>7.98</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
54	7,827	7,828	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
55	7,169	7,170	<b>9.53</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
56	8,358	8,359	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
57	9,183	9,184	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
58	8,765	8,765	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
59	9,387	9,388	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
60	9,508	9,509	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00

Sum 42.48

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H293 H293

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,465	6,466	<b>10.89</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	2	7,508	7,509	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	3	6,398	6,398	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	4	9,040	9,040	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	5	8,487	8,488	<b>7.30</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	6	8,236	8,237	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	7	8,017	8,018	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	8	7,074	7,074	<b>9.70</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	9	6,765	6,766	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	10	6,547	6,548	<b>10.73</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	11	5,265	5,266	<b>13.60</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
	12	4,670	4,671	<b>15.17</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
	13	3,842	3,842	<b>17.70</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
	14	2,872	2,873	<b>21.31</b>	108.5	0.00	80.17	-	-	0.00	0.00	-	0.00
	15	2,290	2,291	<b>24.08</b>	108.5	0.00	78.20	-	-	0.00	0.00	-	0.00
	16	5,027	5,029	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	17	4,696	4,697	<b>15.10</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
	18	3,835	3,836	<b>17.72</b>	108.5	0.00	82.68	-	-	0.00	0.00	-	0.00
	19	3,518	3,519	<b>18.81</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
	20	942	945	<b>34.86</b>	108.5	0.00	70.51	-	-	0.00	0.00	-	0.00
	21	921	924	<b>35.13</b>	108.5	0.00	70.31	-	-	0.00	0.00	-	0.00
	22	7,066	7,067	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	23	6,607	6,608	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	24	4,483	4,484	<b>15.70</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	25	6,079	6,080	<b>11.71</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	26	5,011	5,012	<b>14.25</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	27	4,648	4,650	<b>15.23</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	28	3,725	3,727	<b>18.09</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
	29	2,608	2,610	<b>22.46</b>	108.5	0.00	79.33	-	-	0.00	0.00	-	0.00
	30	2,342	2,344	<b>23.78</b>	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
	31	1,881	1,883	<b>26.60</b>	108.5	0.00	76.50	-	-	0.00	0.00	-	0.00
	32	1,459	1,462	<b>29.74</b>	108.5	0.00	74.30	-	-	0.00	0.00	-	0.00
	33	851	856	<b>35.99</b>	108.5	0.00	69.65	-	-	0.00	0.00	-	0.00
	34	529	534	<b>41.13</b>	108.5	0.00	65.55	-	-	0.00	0.00	-	0.00
	35	7,575	7,576	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	36	6,996	6,997	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	37	6,457	6,458	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	38	5,381	5,382	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	39	4,001	4,003	<b>17.17</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
	40	4,261	4,263	<b>16.36</b>	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
	41	3,393	3,394	<b>19.26</b>	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
	42	6,600	6,601	<b>10.62</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	43	5,786	5,787	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	44	5,415	5,416	<b>13.23</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	45	7,963	7,964	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	46	7,827	7,828	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	47	6,372	6,373	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	48	7,773	7,774	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	49	7,316	7,316	<b>9.26</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	50	6,975	6,976	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	51	7,880	7,881	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	52	8,294	8,295	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	53	9,239	9,240	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	54	8,975	8,976	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	55	8,246	8,247	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	56	9,447	9,448	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	57	10,480	10,481	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	58	10,038	10,038	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	59	10,551	10,552	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	60	10,623	10,624	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00

Sum 44.22



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H294 H294

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,217	8,217	<b>7.72</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	2	9,123	9,124	<b>6.34</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	3	7,925	7,926	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	4	10,872	10,873	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	5	10,314	10,315	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	6	10,019	10,020	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	7	9,863	9,864	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	8	8,782	8,783	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	9	8,571	8,571	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	10	8,406	8,407	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	11	7,039	7,040	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	12	6,539	6,540	<b>10.74</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	13	5,552	5,553	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	14	4,590	4,591	<b>15.40</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
	15	3,873	3,874	<b>17.59</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	16	6,939	6,940	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	17	6,604	6,605	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	18	5,743	5,744	<b>12.46</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	19	5,422	5,423	<b>13.21</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	20	2,697	2,698	<b>22.07</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
	21	1,776	1,778	<b>27.33</b>	108.5	0.00	76.00	-	-	0.00	0.00	-	0.00
	22	8,896	8,897	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	23	8,435	8,436	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	24	6,318	6,319	<b>11.20</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	25	7,907	7,908	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	26	6,883	6,884	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	27	6,417	6,418	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	28	5,527	5,528	<b>12.96</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	29	4,446	4,447	<b>15.81</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	30	3,914	3,916	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	31	3,546	3,548	<b>18.71</b>	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
	32	3,127	3,129	<b>20.27</b>	108.5	0.00	80.91	-	-	0.00	0.00	-	0.00
	33	2,740	2,742	<b>21.88</b>	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00
	34	1,387	1,389	<b>30.35</b>	108.5	0.00	73.86	-	-	0.00	0.00	-	0.00
	35	9,231	9,233	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	36	8,688	8,689	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	37	8,115	8,116	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	38	6,868	6,869	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	39	5,616	5,617	<b>12.75</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	40	5,697	5,698	<b>12.56</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	41	4,854	4,855	<b>14.67</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	42	7,934	7,935	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	43	7,095	7,097	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	44	6,575	6,576	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	45	9,140	9,141	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	46	8,887	8,888	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	47	7,040	7,041	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	48	8,246	8,247	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	49	7,348	7,349	<b>9.20</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	50	6,664	6,665	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	51	7,498	7,499	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	52	8,347	8,348	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	53	9,118	9,119	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	54	8,780	8,781	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	55	7,924	7,925	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	56	9,107	9,107	<b>6.37</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	57	10,670	10,671	<b>4.28</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	58	10,156	10,157	<b>4.93</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	59	10,352	10,353	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	60	10,309	10,310	<b>4.74</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00

Sum 34.37

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H295 H295

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,186	8,186	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	2	8,747	8,747	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	3	7,451	7,452	<b>9.02</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	4	10,987	10,988	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	5	10,425	10,426	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	6	10,000	10,001	<b>5.14</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	7	10,060	10,061	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	8	8,619	8,620	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	9	8,674	8,675	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	10	8,708	8,709	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	11	7,134	7,135	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	12	6,975	6,977	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	13	5,628	5,629	<b>12.72</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	14	4,812	4,814	<b>14.78</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	15	4,011	4,012	<b>17.14</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	16	7,709	7,711	<b>8.56</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	17	7,299	7,300	<b>9.29</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	18	6,481	6,483	<b>10.86</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	19	6,409	6,410	<b>11.01</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	20	3,460	3,462	<b>19.02</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
	21	2,414	2,416	<b>23.38</b>	108.5	0.00	78.66	-	-	0.00	0.00	-	0.00
	22	10,098	10,099	<b>5.01</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	23	9,649	9,650	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	24	7,550	7,551	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	25	9,127	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	26	7,985	7,987	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	27	7,791	7,792	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	28	6,852	6,854	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	29	5,725	5,727	<b>12.50</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	30	5,553	5,555	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	31	5,095	5,097	<b>14.03</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	32	4,673	4,675	<b>15.16</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	33	3,996	3,998	<b>17.19</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
	34	2,889	2,891	<b>21.24</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
	35	10,763	10,765	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	36	10,170	10,171	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	37	9,649	9,650	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	38	8,593	8,595	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	39	7,213	7,215	<b>9.44</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	40	7,462	7,464	<b>9.00</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	41	6,594	6,595	<b>10.63</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	42	9,787	9,788	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	43	8,962	8,964	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	44	8,529	8,531	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	45	11,099	11,100	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	46	10,907	10,908	<b>4.00</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	47	9,187	9,189	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	48	10,437	10,438	<b>4.57</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	49	9,555	9,556	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	50	8,828	8,829	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	51	9,636	9,637	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	52	10,554	10,555	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	53	11,302	11,303	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	54	10,952	10,953	<b>3.94</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	55	10,073	10,075	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	56	11,242	11,243	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	57	12,881	12,882	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	58	12,363	12,364	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	59	12,515	12,517	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	60	12,445	12,446	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00

Sum 29.67

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H296 H296

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,746	8,747	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	2	9,482	9,482	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	3	8,221	8,222	<b>7.72</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	4	11,492	11,493	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	5	10,929	10,930	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	6	10,568	10,569	<b>4.41</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	7	10,517	10,517	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	8	9,250	9,251	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	9	9,170	9,171	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	10	9,099	9,100	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	11	7,619	7,620	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	12	7,275	7,276	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	13	6,099	6,100	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	14	5,186	5,187	<b>13.80</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	15	4,402	4,404	<b>15.94</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	16	7,829	7,830	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	17	7,457	7,458	<b>9.00</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	18	6,604	6,605	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	19	6,384	6,386	<b>11.06</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	20	3,478	3,479	<b>18.95</b>	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
	21	2,397	2,399	<b>23.48</b>	108.5	0.00	78.60	-	-	0.00	0.00	-	0.00
	22	9,968	9,969	<b>5.18</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	23	9,509	9,510	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	24	7,385	7,387	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	25	8,981	8,982	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	26	7,907	7,908	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	27	7,535	7,536	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	28	6,621	6,623	<b>10.58</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	29	5,510	5,511	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	30	5,095	5,097	<b>14.03</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	31	4,693	4,695	<b>15.10</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
	32	4,266	4,268	<b>16.34</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	33	3,753	3,755	<b>17.99</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
	34	2,432	2,434	<b>23.29</b>	108.5	0.00	78.73	-	-	0.00	0.00	-	0.00
	35	10,410	10,411	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	36	9,851	9,852	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	37	9,290	9,291	<b>6.10</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	38	8,088	8,089	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	39	6,798	6,800	<b>10.23</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	40	6,921	6,923	<b>9.99</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	41	6,069	6,071	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	42	9,178	9,179	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	43	8,340	8,342	<b>7.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	44	7,827	7,829	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	45	10,393	10,394	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	46	10,139	10,141	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	47	8,262	8,263	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	48	9,427	9,428	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	49	8,422	8,424	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	50	7,626	7,627	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	51	8,412	8,413	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	52	9,416	9,417	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	53	10,116	10,117	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	54	9,753	9,754	<b>5.46</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	55	8,857	8,858	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	56	10,014	10,015	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	57	11,762	11,763	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	58	11,228	11,229	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	59	11,306	11,307	<b>3.53</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	60	11,215	11,216	<b>3.63</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00

Sum 30.19

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H297 H297

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,941	5,942	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
2	6,716	6,716	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
3	5,485	5,486	<b>13.06</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
4	8,696	8,697	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
5	8,132	8,133	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
6	7,763	7,764	<b>8.47</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
7	7,732	7,733	<b>8.53</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
8	6,449	6,450	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
9	6,373	6,374	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
10	6,338	6,339	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
11	4,821	4,822	<b>14.76</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
12	4,564	4,565	<b>15.47</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
13	3,300	3,301	<b>19.61</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
14	2,418	2,419	<b>23.37</b>	108.5	0.00	78.67	-	-	0.00	0.00	-	0.00
15	1,618	1,621	<b>28.48</b>	108.5	0.00	75.19	-	-	0.00	0.00	-	0.00
16	5,285	5,286	<b>13.55</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
17	4,871	4,873	<b>14.62</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
18	4,059	4,061	<b>16.99</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
19	4,039	4,040	<b>17.05</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
20	1,221	1,225	<b>31.86</b>	108.5	0.00	72.76	-	-	0.00	0.00	-	0.00
21	810	814	<b>36.55</b>	108.5	0.00	69.21	-	-	0.00	0.00	-	0.00
22	7,746	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
23	7,306	7,307	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
24	5,247	5,248	<b>13.64</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
25	6,792	6,793	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
26	5,623	5,625	<b>12.73</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
27	5,556	5,558	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
28	4,620	4,622	<b>15.31</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
29	3,523	3,524	<b>18.79</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
30	3,669	3,671	<b>18.28</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
31	3,176	3,178	<b>20.08</b>	108.5	0.00	81.04	-	-	0.00	0.00	-	0.00
32	2,817	2,819	<b>21.55</b>	108.5	0.00	80.00	-	-	0.00	0.00	-	0.00
33	2,007	2,010	<b>25.77</b>	108.5	0.00	77.06	-	-	0.00	0.00	-	0.00
34	1,719	1,721	<b>27.73</b>	108.5	0.00	75.72	-	-	0.00	0.00	-	0.00
35	8,569	8,570	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
36	7,952	7,953	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
37	7,474	7,475	<b>8.97</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
38	6,612	6,613	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
39	5,165	5,167	<b>13.85</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
40	5,573	5,574	<b>12.85</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
41	4,727	4,729	<b>15.01</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
42	7,916	7,917	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
43	7,134	7,136	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
44	6,849	6,850	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
45	9,349	9,350	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
46	9,268	9,269	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
47	7,934	7,935	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
48	9,353	9,354	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
49	8,894	8,895	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
50	8,501	8,502	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
51	9,396	9,397	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
52	9,876	9,877	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
53	10,806	10,807	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
54	10,531	10,532	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
55	9,777	9,778	<b>5.43</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
56	10,978	10,979	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
57	12,069	12,070	<b>2.67</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
58	11,626	11,626	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
59	12,111	12,112	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
60	12,163	12,164	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00

Sum 39.57

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H299 H299

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,187	5,188	<b>13.80</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
2	6,034	6,034	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
3	4,842	4,842	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
4	7,922	7,923	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
5	7,359	7,360	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
6	7,006	7,007	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
7	6,950	6,951	<b>9.94</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
8	5,719	5,719	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
9	5,600	5,601	<b>12.79</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
10	5,549	5,550	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
11	4,049	4,050	<b>17.02</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
12	3,770	3,772	<b>17.93</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
13	2,530	2,531	<b>22.82</b>	108.5	0.00	79.07	-	-	0.00	0.00	-	0.00
14	1,627	1,629	<b>28.41</b>	108.5	0.00	75.24	-	-	0.00	0.00	-	0.00
15	833	837	<b>36.24</b>	108.5	0.00	69.45	-	-	0.00	0.00	-	0.00
16	4,515	4,517	<b>15.61</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
17	4,095	4,096	<b>16.87</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
18	3,298	3,299	<b>19.62</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
19	3,339	3,341	<b>19.46</b>	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
20	921	925	<b>35.11</b>	108.5	0.00	70.32	-	-	0.00	0.00	-	0.00
21	1,315	1,317	<b>31.00</b>	108.5	0.00	73.39	-	-	0.00	0.00	-	0.00
22	7,041	7,042	<b>9.76</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
23	6,609	6,610	<b>10.60</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
24	4,592	4,593	<b>15.39</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
25	6,102	6,104	<b>11.65</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
26	4,919	4,921	<b>14.49</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
27	4,946	4,948	<b>14.42</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
28	4,025	4,027	<b>17.09</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
29	2,978	2,980	<b>20.87</b>	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
30	3,336	3,338	<b>19.47</b>	108.5	0.00	81.47	-	-	0.00	0.00	-	0.00
31	2,852	2,854	<b>21.40</b>	108.5	0.00	80.11	-	-	0.00	0.00	-	0.00
32	2,566	2,568	<b>22.65</b>	108.5	0.00	79.19	-	-	0.00	0.00	-	0.00
33	1,768	1,771	<b>27.38</b>	108.5	0.00	75.96	-	-	0.00	0.00	-	0.00
34	2,050	2,051	<b>25.51</b>	108.5	0.00	77.24	-	-	0.00	0.00	-	0.00
35	7,960	7,961	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
36	7,332	7,333	<b>9.23</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
37	6,884	6,885	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
38	6,138	6,140	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
39	4,680	4,681	<b>15.14</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
40	5,168	5,169	<b>13.85</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
41	4,359	4,360	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
42	7,482	7,483	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
43	6,732	6,734	<b>10.36</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
44	6,523	6,525	<b>10.77</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
45	8,958	8,959	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
46	8,929	8,930	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
47	7,777	7,777	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
48	9,242	9,243	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
49	8,946	8,947	<b>6.60</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
50	8,673	8,673	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
51	9,582	9,582	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
52	9,909	9,909	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
53	10,891	10,891	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
54	10,644	10,644	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
55	9,939	9,940	<b>5.22</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
56	11,138	11,139	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
57	12,031	12,032	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
58	11,618	11,619	<b>3.17</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
59	12,214	12,214	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
60	12,307	12,307	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00

Sum 40.78

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H300 H300

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,059	5,060	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	2	6,297	6,297	<b>11.24</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	3	5,363	5,363	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	4	7,451	7,452	<b>9.02</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	5	6,913	6,914	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	6	6,741	6,742	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	7	6,412	6,412	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	8	5,726	5,726	<b>12.50</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	9	5,253	5,253	<b>13.63</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
	10	4,930	4,931	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	11	3,858	3,859	<b>17.64</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
	12	3,065	3,066	<b>20.53</b>	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00
	13	2,677	2,678	<b>22.16</b>	108.5	0.00	79.56	-	-	0.00	0.00	-	0.00
	14	1,870	1,871	<b>26.68</b>	108.5	0.00	76.44	-	-	0.00	0.00	-	0.00
	15	1,828	1,829	<b>26.97</b>	108.5	0.00	76.24	-	-	0.00	0.00	-	0.00
	16	3,266	3,268	<b>19.74</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	17	2,960	2,961	<b>20.95</b>	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
	18	2,108	2,110	<b>25.15</b>	108.5	0.00	77.48	-	-	0.00	0.00	-	0.00
	19	1,742	1,744	<b>27.57</b>	108.5	0.00	75.83	-	-	0.00	0.00	-	0.00
	20	1,318	1,320	<b>30.97</b>	108.5	0.00	73.41	-	-	0.00	0.00	-	0.00
	21	2,357	2,358	<b>23.70</b>	108.5	0.00	78.45	-	-	0.00	0.00	-	0.00
	22	5,351	5,352	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	23	4,897	4,898	<b>14.55</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	24	2,788	2,790	<b>21.67</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
	25	4,372	4,373	<b>16.03</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
	26	3,261	3,263	<b>19.76</b>	108.5	0.00	81.27	-	-	0.00	0.00	-	0.00
	27	3,051	3,052	<b>20.58</b>	108.5	0.00	80.69	-	-	0.00	0.00	-	0.00
	28	2,111	2,113	<b>25.13</b>	108.5	0.00	77.50	-	-	0.00	0.00	-	0.00
	29	1,010	1,014	<b>34.06</b>	108.5	0.00	71.12	-	-	0.00	0.00	-	0.00
	30	1,523	1,526	<b>29.22</b>	108.5	0.00	74.67	-	-	0.00	0.00	-	0.00
	31	1,128	1,131	<b>32.79</b>	108.5	0.00	72.07	-	-	0.00	0.00	-	0.00
	32	1,108	1,111	<b>33.01</b>	108.5	0.00	71.91	-	-	0.00	0.00	-	0.00
	33	951	955	<b>34.75</b>	108.5	0.00	70.60	-	-	0.00	0.00	-	0.00
	34	2,297	2,298	<b>24.04</b>	108.5	0.00	78.23	-	-	0.00	0.00	-	0.00
	35	6,058	6,059	<b>11.75</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	36	5,445	5,446	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	37	4,960	4,961	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	38	4,158	4,159	<b>16.68</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
	39	2,699	2,701	<b>22.06</b>	108.5	0.00	79.63	-	-	0.00	0.00	-	0.00
	40	3,213	3,215	<b>19.94</b>	108.5	0.00	81.14	-	-	0.00	0.00	-	0.00
	41	2,446	2,448	<b>23.21</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	42	5,507	5,508	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	43	4,771	4,773	<b>14.89</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	44	4,617	4,619	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	45	6,996	6,997	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	46	6,997	6,998	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	47	6,053	6,054	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	48	7,564	7,564	<b>8.82</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	49	7,552	7,552	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	50	7,533	7,534	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	51	8,451	8,451	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	52	8,459	8,460	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	53	9,524	9,524	<b>5.78</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	54	9,336	9,337	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	55	8,749	8,750	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	56	9,919	9,920	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	57	10,436	10,436	<b>4.58</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	58	10,075	10,076	<b>5.04</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	59	10,865	10,865	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	60	11,037	11,037	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00

Sum 42.08

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H301 H301

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,484	3,485	<b>18.93</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
	2	4,672	4,673	<b>15.17</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
	3	3,750	3,750	<b>18.00</b>	108.5	0.00	82.48	-	-	0.00	0.00	-	0.00
	4	6,030	6,031	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	5	5,475	5,476	<b>13.08</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	6	5,228	5,229	<b>13.69</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	7	5,015	5,016	<b>14.24</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	8	4,129	4,129	<b>16.77</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
	9	3,753	3,754	<b>17.99</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
	10	3,558	3,559	<b>18.67</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
	11	2,277	2,278	<b>24.15</b>	108.5	0.00	78.15	-	-	0.00	0.00	-	0.00
	12	1,706	1,708	<b>27.82</b>	108.5	0.00	75.65	-	-	0.00	0.00	-	0.00
	13	1,079	1,081	<b>33.32</b>	108.5	0.00	71.68	-	-	0.00	0.00	-	0.00
	14	670	674	<b>38.63</b>	108.5	0.00	67.58	-	-	0.00	0.00	-	0.00
	15	1,353	1,355	<b>30.65</b>	108.5	0.00	73.64	-	-	0.00	0.00	-	0.00
	16	2,439	2,441	<b>23.25</b>	108.5	0.00	78.75	-	-	0.00	0.00	-	0.00
	17	2,004	2,006	<b>25.79</b>	108.5	0.00	77.05	-	-	0.00	0.00	-	0.00
	18	1,269	1,272	<b>31.41</b>	108.5	0.00	73.09	-	-	0.00	0.00	-	0.00
	19	1,609	1,611	<b>28.55</b>	108.5	0.00	75.14	-	-	0.00	0.00	-	0.00
	20	2,153	2,154	<b>24.88</b>	108.5	0.00	77.67	-	-	0.00	0.00	-	0.00
	21	3,180	3,181	<b>20.07</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
	22	5,115	5,116	<b>13.98</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	23	4,712	4,714	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	24	2,915	2,917	<b>21.13</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
	25	4,240	4,242	<b>16.42</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
	26	3,045	3,046	<b>20.60</b>	108.5	0.00	80.67	-	-	0.00	0.00	-	0.00
	27	3,405	3,407	<b>19.22</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
	28	2,639	2,641	<b>22.32</b>	108.5	0.00	79.44	-	-	0.00	0.00	-	0.00
	29	2,037	2,039	<b>25.59</b>	108.5	0.00	77.19	-	-	0.00	0.00	-	0.00
	30	3,008	3,009	<b>20.75</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
	31	2,708	2,709	<b>22.02</b>	108.5	0.00	79.66	-	-	0.00	0.00	-	0.00
	32	2,735	2,736	<b>21.90</b>	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
	33	2,385	2,387	<b>23.54</b>	108.5	0.00	78.56	-	-	0.00	0.00	-	0.00
	34	3,527	3,528	<b>18.78</b>	108.5	0.00	81.95	-	-	0.00	0.00	-	0.00
	35	6,298	6,299	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	36	5,654	5,655	<b>12.66</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	37	5,307	5,308	<b>13.50</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	38	4,963	4,965	<b>14.37</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	39	3,597	3,598	<b>18.53</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	40	4,290	4,291	<b>16.27</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
	41	3,702	3,703	<b>18.16</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
	42	6,357	6,358	<b>11.12</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	43	5,739	5,740	<b>12.46</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	44	5,769	5,770	<b>12.40</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	45	7,901	7,902	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	46	8,018	8,019	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	47	7,422	7,423	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	48	8,950	8,951	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	49	9,096	9,097	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	50	9,141	9,142	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	51	10,057	10,058	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	52	9,976	9,976	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	53	11,067	11,068	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	54	10,900	10,900	<b>4.01</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	55	10,344	10,344	<b>4.69</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	56	11,504	11,505	<b>3.30</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	57	11,859	11,860	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	58	11,535	11,535	<b>3.26</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	59	12,408	12,409	<b>2.31</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	60	12,605	12,606	<b>2.10</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00

Sum 42.32

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H302 H302

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,139	4,140	<b>16.74</b>	108.5	0.00	83.34	-	-	0.00	0.00	-	0.00
	2	5,179	5,180	<b>13.82</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	3	4,117	4,117	<b>16.81</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
	4	6,786	6,787	<b>10.25</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	5	6,227	6,228	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	6	5,931	5,931	<b>12.03</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	7	5,788	5,789	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	8	4,736	4,737	<b>14.99</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
	9	4,480	4,481	<b>15.71</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	10	4,354	4,355	<b>16.08</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	11	2,951	2,952	<b>20.99</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
	12	2,533	2,534	<b>22.81</b>	108.5	0.00	79.08	-	-	0.00	0.00	-	0.00
	13	1,503	1,505	<b>29.39</b>	108.5	0.00	74.55	-	-	0.00	0.00	-	0.00
	14	539	545	<b>40.93</b>	108.5	0.00	65.72	-	-	0.00	0.00	-	0.00
	15	572	576	<b>40.33</b>	108.5	0.00	66.21	-	-	0.00	0.00	-	0.00
	16	3,265	3,267	<b>19.74</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	17	2,840	2,841	<b>21.45</b>	108.5	0.00	80.07	-	-	0.00	0.00	-	0.00
	18	2,060	2,062	<b>25.44</b>	108.5	0.00	77.29	-	-	0.00	0.00	-	0.00
	19	2,214	2,216	<b>24.51</b>	108.5	0.00	77.91	-	-	0.00	0.00	-	0.00
	20	1,416	1,418	<b>30.10</b>	108.5	0.00	74.04	-	-	0.00	0.00	-	0.00
	21	2,374	2,375	<b>23.61</b>	108.5	0.00	78.51	-	-	0.00	0.00	-	0.00
	22	5,864	5,865	<b>12.18</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
	23	5,445	5,446	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	24	3,519	3,521	<b>18.80</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
	25	4,954	4,955	<b>14.40</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	26	3,758	3,759	<b>17.98</b>	108.5	0.00	82.50	-	-	0.00	0.00	-	0.00
	27	3,946	3,947	<b>17.35</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	28	3,082	3,083	<b>20.46</b>	108.5	0.00	80.78	-	-	0.00	0.00	-	0.00
	29	2,210	2,211	<b>24.54</b>	108.5	0.00	77.89	-	-	0.00	0.00	-	0.00
	30	2,945	2,947	<b>21.01</b>	108.5	0.00	80.39	-	-	0.00	0.00	-	0.00
	31	2,543	2,544	<b>22.76</b>	108.5	0.00	79.11	-	-	0.00	0.00	-	0.00
	32	2,436	2,438	<b>23.26</b>	108.5	0.00	78.74	-	-	0.00	0.00	-	0.00
	33	1,874	1,876	<b>26.65</b>	108.5	0.00	76.47	-	-	0.00	0.00	-	0.00
	34	2,824	2,825	<b>21.52</b>	108.5	0.00	80.02	-	-	0.00	0.00	-	0.00
	35	6,922	6,923	<b>9.99</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	36	6,282	6,284	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	37	5,884	5,886	<b>12.14</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	38	5,347	5,348	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	39	3,912	3,914	<b>17.46</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
	40	4,524	4,525	<b>15.58</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	41	3,819	3,820	<b>17.77</b>	108.5	0.00	82.64	-	-	0.00	0.00	-	0.00
	42	6,732	6,733	<b>10.36</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	43	6,048	6,050	<b>11.77</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	44	5,972	5,973	<b>11.94</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
	45	8,256	8,257	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	46	8,310	8,310	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	47	7,471	7,472	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	48	8,985	8,985	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	49	8,952	8,953	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	50	8,872	8,873	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	51	9,791	9,791	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	52	9,870	9,871	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	53	10,923	10,924	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	54	10,723	10,724	<b>4.22</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	55	10,106	10,107	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	56	11,287	11,287	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	57	11,859	11,860	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	58	11,497	11,498	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	59	12,262	12,263	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	60	12,419	12,419	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00

Sum 44.60



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H303 H303

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,725	3,726	<b>18.09</b>	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
	2	5,233	5,233	<b>13.68</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	3	4,784	4,784	<b>14.86</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	4	5,451	5,451	<b>13.15</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	5	4,971	4,972	<b>14.36</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	6	5,004	5,005	<b>14.27</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
	7	4,416	4,417	<b>15.90</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
	8	4,434	4,434	<b>15.85</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	9	3,611	3,611	<b>18.48</b>	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
	10	3,020	3,021	<b>20.71</b>	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
	11	2,799	2,800	<b>21.63</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
	12	1,673	1,675	<b>28.07</b>	108.5	0.00	75.48	-	-	0.00	0.00	-	0.00
	13	2,737	2,738	<b>21.90</b>	108.5	0.00	79.75	-	-	0.00	0.00	-	0.00
	14	2,786	2,787	<b>21.68</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
	15	3,411	3,411	<b>19.20</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
	16	924	928	<b>35.07</b>	108.5	0.00	70.35	-	-	0.00	0.00	-	0.00
	17	920	923	<b>35.14</b>	108.5	0.00	70.31	-	-	0.00	0.00	-	0.00
	18	890	893	<b>35.51</b>	108.5	0.00	70.02	-	-	0.00	0.00	-	0.00
	19	770	774	<b>37.11</b>	108.5	0.00	68.78	-	-	0.00	0.00	-	0.00
	20	3,713	3,714	<b>18.13</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
	21	4,804	4,804	<b>14.81</b>	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
	22	3,019	3,020	<b>20.71</b>	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
	23	2,603	2,604	<b>22.49</b>	108.5	0.00	79.31	-	-	0.00	0.00	-	0.00
	24	1,001	1,005	<b>34.17</b>	108.5	0.00	71.04	-	-	0.00	0.00	-	0.00
	25	2,123	2,126	<b>25.05</b>	108.5	0.00	77.55	-	-	0.00	0.00	-	0.00
	26	928	932	<b>35.03</b>	108.5	0.00	70.38	-	-	0.00	0.00	-	0.00
	27	1,580	1,583	<b>28.77</b>	108.5	0.00	74.99	-	-	0.00	0.00	-	0.00
	28	1,332	1,335	<b>30.83</b>	108.5	0.00	73.51	-	-	0.00	0.00	-	0.00
	29	1,880	1,882	<b>26.61</b>	108.5	0.00	76.49	-	-	0.00	0.00	-	0.00
	30	2,905	2,906	<b>21.18</b>	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
	31	2,952	2,953	<b>20.99</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
	32	3,258	3,259	<b>19.77</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
	33	3,452	3,452	<b>19.05</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
	34	4,806	4,806	<b>14.80</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	35	4,220	4,222	<b>16.49</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	36	3,576	3,578	<b>18.60</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
	37	3,296	3,297	<b>19.63</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
	38	3,343	3,344	<b>19.45</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
	39	2,338	2,340	<b>23.80</b>	108.5	0.00	78.39	-	-	0.00	0.00	-	0.00
	40	3,111	3,112	<b>20.34</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
	41	2,943	2,944	<b>21.02</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
	42	4,674	4,675	<b>15.16</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	43	4,229	4,231	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
	44	4,501	4,502	<b>15.65</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	45	6,208	6,209	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	46	6,446	6,447	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	47	6,410	6,411	<b>11.01</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	48	7,908	7,909	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	49	8,479	8,479	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	50	8,840	8,841	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	51	9,718	9,719	<b>5.51</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	52	9,234	9,234	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	53	10,389	10,390	<b>4.63</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	54	10,306	10,307	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	55	9,921	9,922	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	56	10,999	11,000	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	57	10,823	10,823	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	58	10,591	10,592	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	59	11,707	11,707	<b>3.07</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	60	12,000	12,000	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00

Sum 44.34

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H305 H305

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,451	3,452	<b>19.05</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
2	4,932	4,932	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
3	4,985	4,985	<b>14.32</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
4	4,108	4,109	<b>16.84</b>	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
5	3,746	3,747	<b>18.02</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
6	4,025	4,026	<b>17.10</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
7	3,186	3,187	<b>20.05</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
8	4,042	4,042	<b>17.05</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
9	3,010	3,011	<b>20.75</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
10	2,236	2,237	<b>24.39</b>	108.5	0.00	77.99	-	-	0.00	0.00	-	0.00
11	3,126	3,126	<b>20.29</b>	108.5	0.00	80.90	-	-	0.00	0.00	-	0.00
12	2,361	2,362	<b>23.68</b>	108.5	0.00	78.47	-	-	0.00	0.00	-	0.00
13	3,903	3,903	<b>17.50</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
14	4,331	4,332	<b>16.15</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
15	5,072	5,072	<b>14.09</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
16	1,280	1,282	<b>31.32</b>	108.5	0.00	73.16	-	-	0.00	0.00	-	0.00
17	1,722	1,723	<b>27.71</b>	108.5	0.00	75.73	-	-	0.00	0.00	-	0.00
18	2,496	2,497	<b>22.98</b>	108.5	0.00	78.95	-	-	0.00	0.00	-	0.00
19	2,696	2,697	<b>22.07</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
20	5,589	5,589	<b>12.82</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
21	6,682	6,682	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
22	1,845	1,847	<b>26.85</b>	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
23	1,675	1,677	<b>28.06</b>	108.5	0.00	75.49	-	-	0.00	0.00	-	0.00
24	2,192	2,194	<b>24.65</b>	108.5	0.00	77.82	-	-	0.00	0.00	-	0.00
25	1,575	1,577	<b>28.81</b>	108.5	0.00	74.96	-	-	0.00	0.00	-	0.00
26	1,486	1,488	<b>29.52</b>	108.5	0.00	74.45	-	-	0.00	0.00	-	0.00
27	2,555	2,556	<b>22.71</b>	108.5	0.00	79.15	-	-	0.00	0.00	-	0.00
28	2,959	2,960	<b>20.96</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
29	3,779	3,780	<b>17.90</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00
30	4,723	4,724	<b>15.03</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
31	4,838	4,839	<b>14.71</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
32	5,169	5,169	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
33	5,379	5,379	<b>13.32</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
34	6,731	6,731	<b>10.36</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
35	3,663	3,664	<b>18.30</b>	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
36	3,118	3,120	<b>20.31</b>	108.5	0.00	80.88	-	-	0.00	0.00	-	0.00
37	3,194	3,195	<b>20.02</b>	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
38	4,062	4,063	<b>16.98</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
39	3,683	3,683	<b>18.23</b>	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
40	4,357	4,358	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
41	4,501	4,502	<b>15.65</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
42	5,093	5,094	<b>14.04</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
43	4,954	4,955	<b>14.40</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
44	5,468	5,469	<b>13.10</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
45	6,467	6,468	<b>10.89</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
46	6,875	6,875	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
47	7,461	7,462	<b>9.00</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
48	8,857	8,857	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
49	9,746	9,746	<b>5.48</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
50	10,297	10,298	<b>4.75</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
51	11,133	11,133	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
52	10,387	10,388	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
53	11,562	11,562	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
54	11,543	11,543	<b>3.26</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
55	11,280	11,280	<b>3.56</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
56	12,282	12,283	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
57	11,684	11,684	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
58	11,543	11,543	<b>3.26</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
59	12,834	12,834	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
60	13,194	13,194	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00

Sum 38.93

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H307 H307

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,868	2,869	<b>21.33</b>	108.5	0.00	80.15	-	-	0.00	0.00	-	0.00
2	4,289	4,289	<b>16.28</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
3	4,485	4,485	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
4	3,342	3,343	<b>19.45</b>	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
5	2,975	2,976	<b>20.89</b>	108.5	0.00	80.47	-	-	0.00	0.00	-	0.00
6	3,268	3,268	<b>19.74</b>	108.5	0.00	81.29	-	-	0.00	0.00	-	0.00
7	2,415	2,417	<b>23.38</b>	108.5	0.00	78.66	-	-	0.00	0.00	-	0.00
8	3,399	3,400	<b>19.24</b>	108.5	0.00	81.63	-	-	0.00	0.00	-	0.00
9	2,355	2,356	<b>23.72</b>	108.5	0.00	78.44	-	-	0.00	0.00	-	0.00
10	1,582	1,583	<b>28.76</b>	108.5	0.00	74.99	-	-	0.00	0.00	-	0.00
11	2,781	2,781	<b>21.71</b>	108.5	0.00	79.88	-	-	0.00	0.00	-	0.00
12	2,278	2,279	<b>24.15</b>	108.5	0.00	78.16	-	-	0.00	0.00	-	0.00
13	3,824	3,824	<b>17.76</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
14	4,408	4,408	<b>15.93</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
15	5,188	5,189	<b>13.80</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
16	1,548	1,550	<b>29.03</b>	108.5	0.00	74.81	-	-	0.00	0.00	-	0.00
17	1,892	1,894	<b>26.53</b>	108.5	0.00	76.55	-	-	0.00	0.00	-	0.00
18	2,748	2,749	<b>21.85</b>	108.5	0.00	79.78	-	-	0.00	0.00	-	0.00
19	3,124	3,125	<b>20.29</b>	108.5	0.00	80.90	-	-	0.00	0.00	-	0.00
20	5,872	5,873	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
21	6,956	6,957	<b>9.93</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
22	2,451	2,453	<b>23.19</b>	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
23	2,369	2,370	<b>23.64</b>	108.5	0.00	78.50	-	-	0.00	0.00	-	0.00
24	2,865	2,866	<b>21.35</b>	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
25	2,334	2,335	<b>23.83</b>	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
26	2,173	2,174	<b>24.76</b>	108.5	0.00	77.75	-	-	0.00	0.00	-	0.00
27	3,278	3,280	<b>19.69</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
28	3,579	3,580	<b>18.60</b>	108.5	0.00	82.08	-	-	0.00	0.00	-	0.00
29	4,278	4,279	<b>16.31</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
30	5,288	5,289	<b>13.54</b>	108.5	0.00	85.47	-	-	0.00	0.00	-	0.00
31	5,350	5,351	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
32	5,648	5,649	<b>12.68</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
33	5,765	5,765	<b>12.41</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
34	7,099	7,099	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
35	4,338	4,339	<b>16.13</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
36	3,827	3,829	<b>17.74</b>	108.5	0.00	82.66	-	-	0.00	0.00	-	0.00
37	3,945	3,946	<b>17.36</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
38	4,829	4,830	<b>14.73</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
39	4,382	4,383	<b>16.00</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
40	5,081	5,082	<b>14.07</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
41	5,165	5,166	<b>13.85</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
42	5,861	5,862	<b>12.19</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
43	5,724	5,724	<b>12.50</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
44	6,228	6,229	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
45	7,222	7,223	<b>9.43</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
46	7,639	7,639	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
47	8,220	8,221	<b>7.72</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
48	9,624	9,624	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
49	10,487	10,487	<b>4.51</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
50	11,007	11,008	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
51	11,853	11,853	<b>2.91</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
52	11,142	11,143	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
53	12,316	12,317	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
54	12,290	12,290	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
55	12,010	12,010	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
56	13,024	13,025	<b>1.68</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
57	12,454	12,455	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
58	12,311	12,311	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
59	13,593	13,593	<b>1.12</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
60	13,947	13,947	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00

Sum 37.53

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:36 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H308 H308

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,991	3,991	17.21	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
2	5,218	5,218	13.72	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
3	5,671	5,671	12.63	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
4	3,376	3,376	19.33	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
5	3,231	3,232	19.87	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
6	3,764	3,764	17.96	108.5	0.00	82.51	-	-	0.00	0.00	-	0.00
7	2,788	2,789	21.68	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
8	4,370	4,370	16.04	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
9	3,371	3,371	19.35	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
10	2,694	2,694	22.09	108.5	0.00	79.61	-	-	0.00	0.00	-	0.00
11	4,155	4,155	16.69	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
12	3,731	3,731	18.07	108.5	0.00	82.44	-	-	0.00	0.00	-	0.00
13	5,274	5,274	13.58	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
14	5,852	5,852	12.21	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
15	6,626	6,626	10.57	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
16	2,892	2,893	21.23	108.5	0.00	80.23	-	-	0.00	0.00	-	0.00
17	3,291	3,291	19.65	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
18	4,123	4,123	16.79	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
19	4,381	4,381	16.01	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
20	7,244	7,244	9.39	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
21	8,335	8,335	7.54	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
22	2,169	2,170	24.79	108.5	0.00	77.73	-	-	0.00	0.00	-	0.00
23	2,369	2,370	23.64	108.5	0.00	78.50	-	-	0.00	0.00	-	0.00
24	3,786	3,787	17.88	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
25	2,640	2,641	22.32	108.5	0.00	79.43	-	-	0.00	0.00	-	0.00
26	3,092	3,092	20.42	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
27	4,039	4,040	17.05	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
28	4,589	4,590	15.40	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
29	5,461	5,461	13.12	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
30	6,377	6,377	11.08	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
31	6,514	6,514	10.79	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
32	6,852	6,852	10.13	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
33	7,062	7,062	9.73	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
34	8,412	8,412	7.41	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
35	4,008	4,009	17.15	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
36	3,671	3,672	18.27	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
37	4,006	4,007	17.16	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
38	5,255	5,255	13.63	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
39	5,191	5,192	13.79	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
40	5,789	5,790	12.35	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
41	6,060	6,060	11.75	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
42	6,009	6,010	11.86	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
43	6,075	6,075	11.72	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
44	6,699	6,699	10.42	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
45	7,174	7,174	9.52	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
46	7,683	7,684	8.61	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
47	8,667	8,667	7.02	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
48	9,961	9,961	5.19	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
49	11,045	11,045	3.83	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
50	11,712	11,712	3.07	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
51	12,513	12,513	2.20	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
52	11,602	11,603	3.19	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
53	12,775	12,775	1.93	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
54	12,799	12,800	1.91	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
55	12,622	12,622	2.09	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
56	13,564	13,564	1.15	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
57	12,673	12,673	2.03	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
58	12,600	12,600	2.11	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
59	14,001	14,002	0.74	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
60	14,406	14,406	0.37	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00

Sum 34.20

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H309 H309

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,295	4,295	<b>16.26</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	2	5,455	5,455	<b>13.14</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	3	5,978	5,978	<b>11.93</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	4	3,400	3,401	<b>19.24</b>	108.5	0.00	81.63	-	-	0.00	0.00	-	0.00
	5	3,326	3,326	<b>19.52</b>	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
	6	3,907	3,907	<b>17.48</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
	7	2,933	2,933	<b>21.06</b>	108.5	0.00	80.35	-	-	0.00	0.00	-	0.00
	8	4,629	4,629	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	9	3,658	3,658	<b>18.32</b>	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
	10	3,018	3,019	<b>20.71</b>	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
	11	4,529	4,529	<b>15.58</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	12	4,143	4,143	<b>16.73</b>	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
	13	5,681	5,681	<b>12.60</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	14	6,271	6,271	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	15	7,047	7,047	<b>9.76</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	16	3,315	3,315	<b>19.56</b>	108.5	0.00	81.41	-	-	0.00	0.00	-	0.00
	17	3,714	3,714	<b>18.13</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
	18	4,546	4,546	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	19	4,797	4,797	<b>14.82</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	20	7,666	7,666	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	21	8,757	8,757	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	22	2,356	2,357	<b>23.71</b>	108.5	0.00	78.45	-	-	0.00	0.00	-	0.00
	23	2,618	2,619	<b>22.42</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
	24	4,166	4,167	<b>16.65</b>	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
	25	2,942	2,942	<b>21.03</b>	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
	26	3,479	3,480	<b>18.95</b>	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
	27	4,392	4,392	<b>15.97</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	28	4,976	4,977	<b>14.34</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	29	5,868	5,868	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
	30	6,768	6,768	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	31	6,916	6,917	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	32	7,259	7,259	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	33	7,479	7,479	<b>8.97</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	34	8,831	8,831	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	35	4,109	4,110	<b>16.83</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	36	3,830	3,831	<b>17.73</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
	37	4,215	4,215	<b>16.51</b>	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
	38	5,530	5,530	<b>12.96</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	39	5,543	5,543	<b>12.93</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
	40	6,118	6,119	<b>11.62</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	41	6,422	6,422	<b>10.98</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	42	6,212	6,213	<b>11.42</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	43	6,326	6,326	<b>11.18</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	44	6,972	6,973	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	45	7,315	7,315	<b>9.26</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	46	7,846	7,847	<b>8.33</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	47	8,926	8,926	<b>6.63</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	48	10,189	10,189	<b>4.89</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	49	11,322	11,323	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	50	12,021	12,021	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	51	12,811	12,811	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	52	11,856	11,856	<b>2.91</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	53	13,026	13,026	<b>1.68</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	54	13,062	13,062	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	55	12,909	12,909	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	56	13,833	13,833	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	57	12,864	12,864	<b>1.84</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	58	12,809	12,809	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	59	14,238	14,238	<b>0.52</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	60	14,654	14,654	<b>0.14</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
Sum		33.21											

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H310 H310

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,203	5,203	<b>13.76</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	2	6,285	6,286	<b>11.27</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	3	6,885	6,885	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	4	3,951	3,951	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	5	3,990	3,990	<b>17.21</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
	6	4,629	4,629	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	7	3,680	3,680	<b>18.24</b>	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
	8	5,489	5,489	<b>13.05</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	9	4,554	4,554	<b>15.50</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
	10	3,949	3,950	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	11	5,483	5,483	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	12	5,090	5,090	<b>14.05</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	13	6,633	6,633	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	14	7,204	7,204	<b>9.46</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
	15	7,973	7,973	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	16	4,210	4,210	<b>16.52</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	17	4,625	4,625	<b>15.30</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	18	5,440	5,440	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	19	5,633	5,634	<b>12.71</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
	20	8,544	8,544	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	21	9,637	9,637	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	22	2,681	2,682	<b>22.14</b>	108.5	0.00	79.57	-	-	0.00	0.00	-	0.00
	23	3,052	3,053	<b>20.58</b>	108.5	0.00	80.69	-	-	0.00	0.00	-	0.00
	24	4,874	4,874	<b>14.62</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	25	3,477	3,478	<b>18.96</b>	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
	26	4,219	4,219	<b>16.49</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	27	5,017	5,018	<b>14.23</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	28	5,696	5,696	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	29	6,653	6,654	<b>10.51</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	30	7,493	7,493	<b>8.94</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	31	7,680	7,680	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	32	8,041	8,041	<b>8.01</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	33	8,312	8,312	<b>7.57</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	34	9,668	9,668	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	35	4,134	4,135	<b>16.75</b>	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	36	4,000	4,001	<b>17.18</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
	37	4,485	4,485	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	38	5,932	5,932	<b>12.03</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	39	6,149	6,149	<b>11.56</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	40	6,654	6,655	<b>10.51</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	41	7,050	7,050	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	42	6,424	6,424	<b>10.98</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	43	6,655	6,656	<b>10.51</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	44	7,352	7,353	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	45	7,365	7,365	<b>9.17</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	46	7,942	7,942	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	47	9,250	9,250	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	48	10,425	10,426	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	49	11,683	11,684	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	50	12,467	12,467	<b>2.25</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	51	13,224	13,224	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	52	12,151	12,151	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	53	13,310	13,310	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	54	13,378	13,378	<b>1.33</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	55	13,290	13,291	<b>1.41</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	56	14,162	14,162	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	57	12,996	12,996	<b>1.71</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	58	12,986	12,986	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	59	14,480	14,481	<b>0.30</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	60	14,925	14,926	<b>-0.09</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00

Sum 31.27

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H311 H311

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,485	4,486	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	2	5,484	5,485	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	3	6,155	6,155	<b>11.54</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	4	3,091	3,092	<b>20.42</b>	108.5	0.00	80.80	-	-	0.00	0.00	-	0.00
	5	3,137	3,137	<b>20.24</b>	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
	6	3,786	3,787	<b>17.88</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
	7	2,851	2,852	<b>21.40</b>	108.5	0.00	80.10	-	-	0.00	0.00	-	0.00
	8	4,715	4,715	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	9	3,825	3,826	<b>17.75</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	10	3,290	3,290	<b>19.65</b>	108.5	0.00	81.34	-	-	0.00	0.00	-	0.00
	11	4,894	4,894	<b>14.56</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	12	4,649	4,649	<b>15.23</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	13	6,152	6,153	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	14	6,807	6,807	<b>10.21</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	15	7,595	7,595	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	16	3,936	3,937	<b>17.39</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
	17	4,308	4,308	<b>16.22</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	18	5,158	5,158	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	19	5,461	5,461	<b>13.12</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	20	8,284	8,285	<b>7.62</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	21	9,371	9,371	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	22	3,054	3,055	<b>20.57</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
	23	3,341	3,341	<b>19.46</b>	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
	24	4,888	4,888	<b>14.58</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	25	3,677	3,678	<b>18.25</b>	108.5	0.00	82.31	-	-	0.00	0.00	-	0.00
	26	4,195	4,195	<b>16.57</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
	27	5,126	5,126	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	28	5,692	5,693	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	29	6,557	6,557	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	30	7,479	7,480	<b>8.97</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	31	7,613	7,614	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	32	7,947	7,947	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	33	8,136	8,137	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	34	9,482	9,482	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	35	4,726	4,727	<b>15.02</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	36	4,497	4,498	<b>15.66</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	37	4,912	4,913	<b>14.51</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	38	6,256	6,257	<b>11.33</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	39	6,277	6,278	<b>11.28</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	40	6,855	6,855	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	41	7,153	7,154	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	42	6,900	6,901	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	43	7,042	7,042	<b>9.76</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	44	7,697	7,698	<b>8.59</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	45	7,953	7,954	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	46	8,502	8,502	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	47	9,643	9,643	<b>5.61</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	48	10,888	10,888	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	49	12,047	12,047	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	50	12,755	12,756	<b>1.95</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	51	13,543	13,543	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	52	12,569	12,569	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	53	13,738	13,738	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	54	13,780	13,780	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	55	13,637	13,637	<b>1.08</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	56	14,554	14,554	<b>0.23</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	57	13,536	13,537	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	58	13,495	13,495	<b>1.22</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	59	14,941	14,941	<b>-0.11</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
	60	15,363	15,364	<b>-0.47</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00

Sum 31.90

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H312 H312

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,886	4,886	<b>14.58</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	2	5,745	5,745	<b>12.45</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	3	6,525	6,525	<b>10.77</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	4	3,101	3,102	<b>20.38</b>	108.5	0.00	80.83	-	-	0.00	0.00	-	0.00
	5	3,265	3,265	<b>19.75</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	6	3,953	3,954	<b>17.33</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
	7	3,089	3,089	<b>20.43</b>	108.5	0.00	80.80	-	-	0.00	0.00	-	0.00
	8	5,033	5,034	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	9	4,222	4,222	<b>16.48</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	10	3,768	3,768	<b>17.94</b>	108.5	0.00	82.52	-	-	0.00	0.00	-	0.00
	11	5,407	5,407	<b>13.25</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	12	5,246	5,246	<b>13.65</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	13	6,722	6,722	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	14	7,411	7,411	<b>9.09</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	15	8,205	8,205	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	16	4,589	4,589	<b>15.40</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	17	4,949	4,949	<b>14.42</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	18	5,804	5,804	<b>12.32</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
	19	6,126	6,126	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	20	8,929	8,929	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	21	10,013	10,013	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	22	3,656	3,657	<b>18.33</b>	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
	23	3,970	3,971	<b>17.27</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
	24	5,563	5,563	<b>12.88</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	25	4,329	4,329	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
	26	4,870	4,871	<b>14.62</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	27	5,795	5,795	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	28	6,368	6,368	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	29	7,229	7,229	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	30	8,155	8,155	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	31	8,287	8,287	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	32	8,618	8,618	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	33	8,798	8,798	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	34	10,141	10,141	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	35	5,234	5,235	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	36	5,057	5,058	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	37	5,503	5,504	<b>13.02</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	38	6,886	6,886	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	39	6,945	6,946	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	40	7,514	7,514	<b>8.91</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	41	7,825	7,825	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	42	7,475	7,475	<b>8.97</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	43	7,653	7,653	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	44	8,323	8,323	<b>7.56</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	45	8,467	8,468	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	46	9,034	9,034	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	47	10,255	10,255	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	48	11,473	11,473	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	49	12,670	12,670	<b>2.04</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	50	13,400	13,400	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	51	14,180	14,180	<b>0.57</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	52	13,173	13,173	<b>1.53</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	53	14,338	14,338	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	54	14,390	14,390	<b>0.38</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
	55	14,266	14,266	<b>0.49</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	56	15,168	15,168	<b>-0.30</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	57	14,083	14,083	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	58	14,058	14,058	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	59	15,528	15,528	<b>-0.61</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	60	15,960	15,960	<b>-0.97</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 30.64



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H313 H313

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,095	4,095	<b>16.88</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
	2	5,093	5,093	<b>14.04</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	3	5,763	5,763	<b>12.41</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	4	2,762	2,763	<b>21.79</b>	108.5	0.00	79.83	-	-	0.00	0.00	-	0.00
	5	2,773	2,773	<b>21.74</b>	108.5	0.00	79.86	-	-	0.00	0.00	-	0.00
	6	3,411	3,411	<b>19.20</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
	7	2,467	2,468	<b>23.12</b>	108.5	0.00	78.85	-	-	0.00	0.00	-	0.00
	8	4,321	4,321	<b>16.18</b>	108.5	0.00	83.71	-	-	0.00	0.00	-	0.00
	9	3,434	3,434	<b>19.12</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
	10	2,911	2,912	<b>21.16</b>	108.5	0.00	80.28	-	-	0.00	0.00	-	0.00
	11	4,528	4,528	<b>15.58</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	12	4,329	4,329	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
	13	5,814	5,814	<b>12.30</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	14	6,493	6,493	<b>10.84</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
	15	7,286	7,286	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	16	3,684	3,684	<b>18.23</b>	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
	17	4,035	4,035	<b>17.07</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	18	4,892	4,892	<b>14.57</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	19	5,236	5,236	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	20	8,015	8,015	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	21	9,098	9,098	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	22	3,105	3,106	<b>20.37</b>	108.5	0.00	80.84	-	-	0.00	0.00	-	0.00
	23	3,345	3,346	<b>19.44</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
	24	4,745	4,745	<b>14.97</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	25	3,634	3,634	<b>18.40</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	26	4,043	4,043	<b>17.04</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	27	5,022	5,023	<b>14.22</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	28	5,535	5,535	<b>12.94</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	29	6,356	6,356	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	30	7,309	7,309	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	31	7,420	7,421	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	32	7,742	7,742	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	33	7,899	7,899	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	34	9,238	9,238	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	35	4,862	4,863	<b>14.64</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	36	4,585	4,586	<b>15.41</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	37	4,961	4,961	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	38	6,244	6,245	<b>11.35</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	39	6,174	6,175	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	40	6,781	6,782	<b>10.26</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	41	7,034	7,035	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	42	6,961	6,961	<b>9.92</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	43	7,056	7,056	<b>9.74</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	44	7,688	7,689	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	45	8,071	8,071	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	46	8,602	8,602	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	47	9,652	9,652	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	48	10,930	10,930	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	49	12,036	12,036	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	50	12,707	12,707	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	51	13,508	13,508	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	52	12,585	12,585	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	53	13,757	13,757	<b>0.97</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
	54	13,786	13,786	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	55	13,615	13,616	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	56	14,553	14,553	<b>0.23</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	57	13,616	13,617	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	58	13,557	13,557	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	59	14,976	14,976	<b>-0.14</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	60	15,386	15,386	<b>-0.49</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00

Sum 32.72

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H314 H314

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,283	3,284	<b>19.68</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
	2	4,256	4,257	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	3	4,940	4,941	<b>14.44</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	4	2,085	2,087	<b>25.29</b>	108.5	0.00	77.39	-	-	0.00	0.00	-	0.00
	5	1,999	2,001	<b>25.83</b>	108.5	0.00	77.02	-	-	0.00	0.00	-	0.00
	6	2,603	2,604	<b>22.49</b>	108.5	0.00	79.31	-	-	0.00	0.00	-	0.00
	7	1,643	1,645	<b>28.29</b>	108.5	0.00	75.33	-	-	0.00	0.00	-	0.00
	8	3,486	3,486	<b>18.93</b>	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
	9	2,619	2,620	<b>22.42</b>	108.5	0.00	79.37	-	-	0.00	0.00	-	0.00
	10	2,159	2,160	<b>24.85</b>	108.5	0.00	77.69	-	-	0.00	0.00	-	0.00
	11	3,807	3,808	<b>17.81</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	12	3,750	3,751	<b>18.00</b>	108.5	0.00	82.48	-	-	0.00	0.00	-	0.00
	13	5,168	5,169	<b>13.85</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	14	5,912	5,912	<b>12.08</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	15	6,713	6,713	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	16	3,309	3,310	<b>19.58</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00
	17	3,595	3,596	<b>18.54</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	18	4,455	4,455	<b>15.79</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	19	4,897	4,898	<b>14.55</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	20	7,540	7,540	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	21	8,606	8,606	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	22	3,433	3,434	<b>19.12</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
	23	3,575	3,576	<b>18.61</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
	24	4,614	4,615	<b>15.33</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	25	3,755	3,756	<b>17.98</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
	26	3,910	3,911	<b>17.47</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
	27	4,975	4,976	<b>14.35</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	28	5,356	5,357	<b>13.38</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
	29	6,063	6,063	<b>11.74</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	30	7,077	7,078	<b>9.70</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	31	7,135	7,136	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	32	7,425	7,425	<b>9.06</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	33	7,502	7,502	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	34	8,817	8,817	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	35	5,301	5,302	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	36	4,940	4,941	<b>14.44</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	37	5,232	5,233	<b>13.68</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	38	6,373	6,374	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	39	6,109	6,109	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	40	6,773	6,774	<b>10.28</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	41	6,923	6,924	<b>9.99</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	42	7,230	7,231	<b>9.41</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	43	7,230	7,230	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	44	7,809	7,809	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	45	8,443	8,444	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	46	8,936	8,937	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	47	9,796	9,796	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	48	11,136	11,137	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	49	12,129	12,129	<b>2.61</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	50	12,717	12,717	<b>1.99</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	51	13,545	13,545	<b>1.17</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	52	12,733	12,733	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	53	13,908	13,908	<b>0.82</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	54	13,909	13,910	<b>0.82</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	55	13,680	13,681	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	56	14,661	14,661	<b>0.14</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	57	13,892	13,893	<b>0.84</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	58	13,797	13,797	<b>0.93</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	59	15,157	15,157	<b>-0.29</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
	60	15,540	15,541	<b>-0.62</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00

Sum 35.18

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H315 H315

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,027	3,028	<b>20.68</b>	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
	2	4,147	4,148	<b>16.71</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
	3	4,708	4,708	<b>15.07</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	4	2,344	2,345	<b>23.78</b>	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
	5	2,137	2,139	<b>24.97</b>	108.5	0.00	77.60	-	-	0.00	0.00	-	0.00
	6	2,650	2,651	<b>22.28</b>	108.5	0.00	79.47	-	-	0.00	0.00	-	0.00
	7	1,675	1,677	<b>28.05</b>	108.5	0.00	75.49	-	-	0.00	0.00	-	0.00
	8	3,325	3,325	<b>19.52</b>	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
	9	2,376	2,377	<b>23.60</b>	108.5	0.00	78.52	-	-	0.00	0.00	-	0.00
	10	1,807	1,809	<b>27.11</b>	108.5	0.00	76.15	-	-	0.00	0.00	-	0.00
	11	3,421	3,421	<b>19.17</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	12	3,279	3,279	<b>19.69</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
	13	4,730	4,731	<b>15.01</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
	14	5,445	5,445	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	15	6,244	6,244	<b>11.35</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	16	2,798	2,799	<b>21.63</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
	17	3,090	3,091	<b>20.43</b>	108.5	0.00	80.80	-	-	0.00	0.00	-	0.00
	18	3,950	3,951	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	19	4,386	4,386	<b>15.99</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	20	7,044	7,045	<b>9.76</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	21	8,114	8,115	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	22	3,111	3,113	<b>20.34</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
	23	3,203	3,204	<b>19.98</b>	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00
	24	4,120	4,120	<b>16.80</b>	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	25	3,336	3,337	<b>19.48</b>	108.5	0.00	81.47	-	-	0.00	0.00	-	0.00
	26	3,418	3,419	<b>19.17</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	27	4,496	4,497	<b>15.67</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	28	4,853	4,854	<b>14.67</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	29	5,551	5,552	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	30	6,568	6,568	<b>10.69</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	31	6,624	6,624	<b>10.57</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	32	6,913	6,914	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	33	6,995	6,995	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	34	8,313	8,313	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	35	5,013	5,014	<b>14.24</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	36	4,610	4,611	<b>15.34</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	37	4,859	4,860	<b>14.65</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	38	5,939	5,939	<b>12.01</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	39	5,622	5,623	<b>12.74</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	40	6,298	6,298	<b>11.24</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	41	6,428	6,428	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	42	6,845	6,846	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	43	6,807	6,808	<b>10.21</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	44	7,367	7,367	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	45	8,103	8,103	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	46	8,576	8,576	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	47	9,358	9,358	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	48	10,718	10,718	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	49	11,672	11,673	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	50	12,239	12,239	<b>2.49</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	51	13,073	13,073	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	52	12,292	12,292	<b>2.43</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	53	13,467	13,468	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	54	13,460	13,461	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	55	13,215	13,216	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	56	14,207	14,207	<b>0.55</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	57	13,498	13,498	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	58	13,388	13,389	<b>1.32</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	59	14,725	14,726	<b>0.08</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	60	15,100	15,100	<b>-0.25</b>	108.5	0.00	94.58	-	-	0.00	0.00	-	0.00

Sum 35.76

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H316 H316

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,279	3,279	<b>19.69</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
	2	4,141	4,141	<b>16.73</b>	108.5	0.00	83.34	-	-	0.00	0.00	-	0.00
	3	4,905	4,905	<b>14.53</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	4	1,791	1,794	<b>27.21</b>	108.5	0.00	76.07	-	-	0.00	0.00	-	0.00
	5	1,768	1,770	<b>27.38</b>	108.5	0.00	75.96	-	-	0.00	0.00	-	0.00
	6	2,412	2,413	<b>23.40</b>	108.5	0.00	78.65	-	-	0.00	0.00	-	0.00
	7	1,489	1,491	<b>29.50</b>	108.5	0.00	74.47	-	-	0.00	0.00	-	0.00
	8	3,411	3,412	<b>19.20</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
	9	2,616	2,617	<b>22.43</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
	10	2,248	2,250	<b>24.32</b>	108.5	0.00	78.04	-	-	0.00	0.00	-	0.00
	11	3,903	3,904	<b>17.49</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
	12	3,937	3,938	<b>17.38</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
	13	5,309	5,310	<b>13.49</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	14	6,086	6,086	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	15	6,888	6,888	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	16	3,577	3,578	<b>18.60</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
	17	3,841	3,841	<b>17.70</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
	18	4,695	4,696	<b>15.10</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
	19	5,166	5,167	<b>13.85</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	20	7,756	7,756	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	21	8,813	8,813	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	22	3,769	3,770	<b>17.94</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
	23	3,915	3,916	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	24	4,928	4,929	<b>14.47</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	25	4,095	4,096	<b>16.88</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
	26	4,226	4,227	<b>16.47</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
	27	5,300	5,300	<b>13.52</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	28	5,660	5,661	<b>12.65</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	29	6,340	6,340	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	30	7,367	7,367	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	31	7,412	7,413	<b>9.09</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	32	7,693	7,693	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	33	7,746	7,746	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	34	9,051	9,051	<b>6.45</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	35	5,629	5,630	<b>12.72</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	36	5,276	5,277	<b>13.57</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	37	5,572	5,573	<b>12.85</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	38	6,712	6,712	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	39	6,429	6,430	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	40	7,100	7,101	<b>9.65</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	41	7,236	7,237	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	42	7,570	7,571	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	43	7,569	7,570	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	44	8,146	8,147	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	45	8,780	8,780	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	46	9,275	9,276	<b>6.13</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	47	10,134	10,134	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	48	11,477	11,477	<b>3.33</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	49	12,463	12,463	<b>2.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	50	13,043	13,043	<b>1.66</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	51	13,874	13,874	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	52	13,070	13,071	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	53	14,246	14,246	<b>0.51</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	54	14,246	14,246	<b>0.51</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	55	14,012	14,012	<b>0.73</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
	56	14,996	14,996	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	57	14,233	14,234	<b>0.52</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	58	14,138	14,138	<b>0.61</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	59	15,496	15,496	<b>-0.58</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
	60	15,878	15,879	<b>-0.90</b>	108.5	0.00	95.02	-	-	0.00	0.00	-	0.00

Sum 35.70

### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H317 H317

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,138	2,139	<b>24.97</b>	108.5	0.00	77.60	-	-	0.00	0.00	-	0.00
	2	3,187	3,188	<b>20.05</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
	3	3,799	3,799	<b>17.84</b>	108.5	0.00	82.59	-	-	0.00	0.00	-	0.00
	4	1,771	1,773	<b>27.36</b>	108.5	0.00	75.97	-	-	0.00	0.00	-	0.00
	5	1,388	1,391	<b>30.34</b>	108.5	0.00	73.87	-	-	0.00	0.00	-	0.00
	6	1,763	1,765	<b>27.42</b>	108.5	0.00	75.93	-	-	0.00	0.00	-	0.00
	7	837	842	<b>36.17</b>	108.5	0.00	69.51	-	-	0.00	0.00	-	0.00
	8	2,374	2,375	<b>23.61</b>	108.5	0.00	78.51	-	-	0.00	0.00	-	0.00
	9	1,475	1,476	<b>29.62</b>	108.5	0.00	74.38	-	-	0.00	0.00	-	0.00
	10	1,092	1,095	<b>33.17</b>	108.5	0.00	71.79	-	-	0.00	0.00	-	0.00
	11	2,741	2,741	<b>21.88</b>	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00
	12	2,889	2,890	<b>21.25</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
	13	4,178	4,178	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	14	4,993	4,994	<b>14.30</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	15	5,795	5,795	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	16	2,796	2,797	<b>21.64</b>	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
	17	2,957	2,958	<b>20.96</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
	18	3,774	3,774	<b>17.92</b>	108.5	0.00	82.54	-	-	0.00	0.00	-	0.00
	19	4,341	4,342	<b>16.12</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	20	6,737	6,737	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	21	7,772	7,772	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	22	3,872	3,873	<b>17.59</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	23	3,880	3,881	<b>17.57</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
	24	4,366	4,366	<b>16.05</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	25	3,907	3,908	<b>17.48</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
	26	3,703	3,703	<b>18.16</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
	27	4,824	4,825	<b>14.75</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	28	5,007	5,008	<b>14.26</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
	29	5,532	5,532	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	30	6,608	6,608	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	31	6,592	6,592	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	32	6,834	6,834	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	33	6,802	6,803	<b>10.22</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	34	8,071	8,071	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	35	5,789	5,790	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	36	5,330	5,331	<b>13.44</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	37	5,502	5,503	<b>13.02</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	38	6,415	6,415	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	39	5,891	5,892	<b>12.12</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	40	6,615	6,616	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	41	6,622	6,622	<b>10.58</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	42	7,441	7,442	<b>9.03</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	43	7,311	7,312	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	44	7,805	7,806	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	45	8,777	8,778	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	46	9,211	9,211	<b>6.22</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	47	9,795	9,796	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	48	11,208	11,209	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	49	12,035	12,036	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	50	12,506	12,507	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	51	13,366	13,366	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	52	12,710	12,710	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	53	13,882	13,883	<b>0.85</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	54	13,846	13,846	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	55	13,539	13,539	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	56	14,572	14,572	<b>0.22</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	57	14,042	14,043	<b>0.70</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	58	13,897	13,897	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	59	15,166	15,167	<b>-0.30</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	60	15,511	15,512	<b>-0.60</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00

Sum 40.55

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H318 H318

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,725	1,727	<b>27.69</b>	108.5	0.00	75.74	-	-	0.00	0.00	-	0.00
	2	3,041	3,042	<b>20.62</b>	108.5	0.00	80.66	-	-	0.00	0.00	-	0.00
	3	3,405	3,406	<b>19.22</b>	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
	4	2,375	2,377	<b>23.60</b>	108.5	0.00	78.52	-	-	0.00	0.00	-	0.00
	5	1,898	1,901	<b>26.48</b>	108.5	0.00	76.58	-	-	0.00	0.00	-	0.00
	6	2,046	2,047	<b>25.54</b>	108.5	0.00	77.22	-	-	0.00	0.00	-	0.00
	7	1,339	1,342	<b>30.77</b>	108.5	0.00	73.56	-	-	0.00	0.00	-	0.00
	8	2,160	2,161	<b>24.84</b>	108.5	0.00	77.69	-	-	0.00	0.00	-	0.00
	9	1,125	1,127	<b>32.83</b>	108.5	0.00	72.04	-	-	0.00	0.00	-	0.00
	10	446	453	<b>42.86</b>	108.5	0.00	64.12	-	-	0.00	0.00	-	0.00
	11	2,079	2,080	<b>25.33</b>	108.5	0.00	77.36	-	-	0.00	0.00	-	0.00
	12	2,154	2,155	<b>24.88</b>	108.5	0.00	77.67	-	-	0.00	0.00	-	0.00
	13	3,468	3,469	<b>18.99</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
	14	4,265	4,265	<b>16.35</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	15	5,067	5,067	<b>14.11</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	16	2,158	2,160	<b>24.85</b>	108.5	0.00	77.69	-	-	0.00	0.00	-	0.00
	17	2,266	2,268	<b>24.21</b>	108.5	0.00	78.11	-	-	0.00	0.00	-	0.00
	18	3,061	3,062	<b>20.54</b>	108.5	0.00	80.72	-	-	0.00	0.00	-	0.00
	19	3,657	3,658	<b>18.32</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
	20	6,002	6,002	<b>11.88</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	21	7,037	7,037	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	22	3,724	3,726	<b>18.09</b>	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
	23	3,646	3,647	<b>18.36</b>	108.5	0.00	82.24	-	-	0.00	0.00	-	0.00
	24	3,805	3,806	<b>17.82</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	25	3,577	3,578	<b>18.60</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
	26	3,180	3,182	<b>20.07</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
	27	4,302	4,303	<b>16.24</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
	28	4,392	4,392	<b>15.97</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	29	4,847	4,848	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	30	5,936	5,936	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	31	5,898	5,899	<b>12.11</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	32	6,128	6,128	<b>11.60</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	33	6,076	6,077	<b>11.71</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	34	7,339	7,339	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	35	5,618	5,619	<b>12.75</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	36	5,104	5,105	<b>14.01</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
	37	5,196	5,197	<b>13.77</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	38	5,964	5,965	<b>11.96</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	39	5,321	5,322	<b>13.46</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	40	6,065	6,066	<b>11.74</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	41	6,010	6,010	<b>11.86</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	42	7,072	7,073	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	43	6,872	6,872	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	44	7,317	7,318	<b>9.26</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	45	8,468	8,469	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	46	8,863	8,864	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	47	9,297	9,297	<b>6.10</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	48	10,739	10,740	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	49	11,486	11,486	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	50	11,907	11,907	<b>2.85</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	51	12,777	12,777	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	52	12,190	12,191	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	53	13,359	13,359	<b>1.35</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	54	13,305	13,305	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	55	12,965	12,965	<b>1.74</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	56	14,019	14,019	<b>0.72</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
	57	13,604	13,605	<b>1.11</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	58	13,434	13,434	<b>1.27</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	59	14,656	14,656	<b>0.14</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	60	14,983	14,983	<b>-0.14</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00

Sum 44.30

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H319 H319

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,455	1,457	<b>29.78</b>	108.5	0.00	74.27	-	-	0.00	0.00	-	0.00
	2	2,984	2,985	<b>20.85</b>	108.5	0.00	80.50	-	-	0.00	0.00	-	0.00
	3	2,793	2,794	<b>21.65</b>	108.5	0.00	79.92	-	-	0.00	0.00	-	0.00
	4	3,509	3,511	<b>18.84</b>	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
	5	2,967	2,968	<b>20.92</b>	108.5	0.00	80.45	-	-	0.00	0.00	-	0.00
	6	2,833	2,834	<b>21.48</b>	108.5	0.00	80.05	-	-	0.00	0.00	-	0.00
	7	2,478	2,480	<b>23.06</b>	108.5	0.00	78.89	-	-	0.00	0.00	-	0.00
	8	2,156	2,157	<b>24.86</b>	108.5	0.00	77.68	-	-	0.00	0.00	-	0.00
	9	1,364	1,367	<b>30.55</b>	108.5	0.00	73.72	-	-	0.00	0.00	-	0.00
	10	1,010	1,014	<b>34.06</b>	108.5	0.00	71.12	-	-	0.00	0.00	-	0.00
	11	931	935	<b>35.00</b>	108.5	0.00	70.41	-	-	0.00	0.00	-	0.00
	12	882	886	<b>35.60</b>	108.5	0.00	69.95	-	-	0.00	0.00	-	0.00
	13	2,143	2,144	<b>24.94</b>	108.5	0.00	77.62	-	-	0.00	0.00	-	0.00
	14	2,928	2,929	<b>21.08</b>	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
	15	3,730	3,730	<b>18.07</b>	108.5	0.00	82.44	-	-	0.00	0.00	-	0.00
	16	1,534	1,537	<b>29.13</b>	108.5	0.00	74.74	-	-	0.00	0.00	-	0.00
	17	1,364	1,367	<b>30.55</b>	108.5	0.00	73.72	-	-	0.00	0.00	-	0.00
	18	1,950	1,952	<b>26.14</b>	108.5	0.00	76.81	-	-	0.00	0.00	-	0.00
	19	2,658	2,660	<b>22.24</b>	108.5	0.00	79.50	-	-	0.00	0.00	-	0.00
	20	4,701	4,701	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
	21	5,718	5,719	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	22	4,053	4,055	<b>17.01</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	23	3,825	3,827	<b>17.75</b>	108.5	0.00	82.66	-	-	0.00	0.00	-	0.00
	24	3,214	3,215	<b>19.94</b>	108.5	0.00	81.14	-	-	0.00	0.00	-	0.00
	25	3,573	3,574	<b>18.61</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
	26	2,760	2,761	<b>21.79</b>	108.5	0.00	79.82	-	-	0.00	0.00	-	0.00
	27	3,780	3,782	<b>17.90</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00
	28	3,597	3,599	<b>18.53</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	29	3,801	3,802	<b>17.83</b>	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
	30	4,914	4,915	<b>14.51</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	31	4,803	4,803	<b>14.81</b>	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
	32	4,981	4,982	<b>14.33</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
	33	4,840	4,841	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	34	6,062	6,062	<b>11.74</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	35	5,788	5,789	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	36	5,195	5,196	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	37	5,126	5,127	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	38	5,544	5,545	<b>12.92</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
	39	4,622	4,623	<b>15.31</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	40	5,395	5,396	<b>13.28</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
	41	5,172	5,173	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	42	6,801	6,802	<b>10.22</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	43	6,449	6,450	<b>10.92</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	44	6,772	6,774	<b>10.28</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	45	8,291	8,292	<b>7.60</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	46	8,600	8,600	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	47	8,694	8,694	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	48	10,188	10,189	<b>4.89</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	49	10,740	10,740	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	50	11,036	11,036	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	51	11,928	11,928	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	52	11,511	11,512	<b>3.29</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	53	12,662	12,663	<b>2.05</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	54	12,569	12,569	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	55	12,151	12,152	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	56	13,249	13,250	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	57	13,099	13,100	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	58	12,874	12,874	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	59	13,984	13,984	<b>0.75</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	60	14,267	14,267	<b>0.49</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00

Sum 42.21

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H320 H320

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,099	2,100	<b>25.21</b>	108.5	0.00	77.45	-	-	0.00	0.00	-	0.00
2	3,633	3,634	<b>18.41</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
3	3,488	3,488	<b>18.92</b>	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
4	3,726	3,728	<b>18.08</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
5	3,223	3,225	<b>19.90</b>	108.5	0.00	81.17	-	-	0.00	0.00	-	0.00
6	3,230	3,231	<b>19.88</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
7	2,681	2,683	<b>22.14</b>	108.5	0.00	79.57	-	-	0.00	0.00	-	0.00
8	2,777	2,777	<b>21.72</b>	108.5	0.00	79.87	-	-	0.00	0.00	-	0.00
9	1,863	1,865	<b>26.73</b>	108.5	0.00	76.41	-	-	0.00	0.00	-	0.00
10	1,247	1,250	<b>31.62</b>	108.5	0.00	72.94	-	-	0.00	0.00	-	0.00
11	1,575	1,577	<b>28.81</b>	108.5	0.00	74.96	-	-	0.00	0.00	-	0.00
12	962	965	<b>34.63</b>	108.5	0.00	70.69	-	-	0.00	0.00	-	0.00
13	2,497	2,498	<b>22.98</b>	108.5	0.00	78.95	-	-	0.00	0.00	-	0.00
14	3,122	3,123	<b>20.30</b>	108.5	0.00	80.89	-	-	0.00	0.00	-	0.00
15	3,916	3,917	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
16	912	917	<b>35.21</b>	108.5	0.00	70.25	-	-	0.00	0.00	-	0.00
17	908	912	<b>35.27</b>	108.5	0.00	70.20	-	-	0.00	0.00	-	0.00
18	1,701	1,703	<b>27.86</b>	108.5	0.00	75.63	-	-	0.00	0.00	-	0.00
19	2,299	2,301	<b>24.02</b>	108.5	0.00	78.24	-	-	0.00	0.00	-	0.00
20	4,722	4,723	<b>15.03</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
21	5,784	5,784	<b>12.36</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
22	3,373	3,375	<b>19.34</b>	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
23	3,133	3,135	<b>20.25</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
24	2,626	2,627	<b>22.39</b>	108.5	0.00	79.39	-	-	0.00	0.00	-	0.00
25	2,878	2,880	<b>21.29</b>	108.5	0.00	80.19	-	-	0.00	0.00	-	0.00
26	2,111	2,113	<b>25.13</b>	108.5	0.00	77.50	-	-	0.00	0.00	-	0.00
27	3,174	3,176	<b>20.09</b>	108.5	0.00	81.04	-	-	0.00	0.00	-	0.00
28	3,107	3,108	<b>20.36</b>	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
29	3,486	3,487	<b>18.93</b>	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
30	4,581	4,582	<b>15.42</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
31	4,535	4,535	<b>15.56</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
32	4,765	4,765	<b>14.91</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
33	4,737	4,738	<b>14.99</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
34	6,024	6,025	<b>11.83</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
35	5,093	5,095	<b>14.04</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
36	4,500	4,501	<b>15.65</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
37	4,439	4,441	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
38	4,921	4,922	<b>14.49</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
39	4,092	4,093	<b>16.88</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
40	4,857	4,858	<b>14.66</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
41	4,715	4,716	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
42	6,148	6,149	<b>11.56</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
43	5,830	5,831	<b>12.26</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
44	6,192	6,193	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
45	7,625	7,626	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
46	7,949	7,950	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
47	8,140	8,140	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
48	9,618	9,618	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
49	10,249	10,249	<b>4.81</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
50	10,610	10,611	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
51	11,491	11,491	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
52	10,992	10,992	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
53	12,151	12,152	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
54	12,076	12,076	<b>2.67</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
55	11,695	11,696	<b>3.08</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
56	12,772	12,773	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
57	12,517	12,517	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
58	12,310	12,310	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
59	13,464	13,464	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
60	13,766	13,766	<b>0.96</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 42.09



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H321 H321

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,635	1,636	<b>28.36</b>	108.5	0.00	75.28	-	-	0.00	0.00	-	0.00
	2	2,951	2,952	<b>20.99</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
	3	2,334	2,335	<b>23.83</b>	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
	4	4,230	4,231	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
	5	3,668	3,670	<b>18.28</b>	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
	6	3,378	3,379	<b>19.32</b>	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
	7	3,250	3,251	<b>19.80</b>	108.5	0.00	81.24	-	-	0.00	0.00	-	0.00
	8	2,305	2,306	<b>24.00</b>	108.5	0.00	78.26	-	-	0.00	0.00	-	0.00
	9	1,918	1,920	<b>26.36</b>	108.5	0.00	76.67	-	-	0.00	0.00	-	0.00
	10	1,883	1,886	<b>26.58</b>	108.5	0.00	76.51	-	-	0.00	0.00	-	0.00
	11	436	443	<b>43.10</b>	108.5	0.00	63.92	-	-	0.00	0.00	-	0.00
	12	796	800	<b>36.74</b>	108.5	0.00	69.07	-	-	0.00	0.00	-	0.00
	13	1,205	1,207	<b>32.03</b>	108.5	0.00	72.64	-	-	0.00	0.00	-	0.00
	14	2,084	2,086	<b>25.30</b>	108.5	0.00	77.38	-	-	0.00	0.00	-	0.00
	15	2,868	2,869	<b>21.33</b>	108.5	0.00	80.15	-	-	0.00	0.00	-	0.00
	16	2,015	2,017	<b>25.72</b>	108.5	0.00	77.10	-	-	0.00	0.00	-	0.00
	17	1,646	1,648	<b>28.27</b>	108.5	0.00	75.34	-	-	0.00	0.00	-	0.00
	18	1,782	1,785	<b>27.28</b>	108.5	0.00	76.03	-	-	0.00	0.00	-	0.00
	19	2,538	2,540	<b>22.78</b>	108.5	0.00	79.10	-	-	0.00	0.00	-	0.00
	20	3,967	3,968	<b>17.29</b>	108.5	0.00	82.97	-	-	0.00	0.00	-	0.00
	21	4,926	4,926	<b>14.48</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	22	4,796	4,798	<b>14.82</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	23	4,509	4,510	<b>15.63</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	24	3,452	3,454	<b>19.05</b>	108.5	0.00	81.77	-	-	0.00	0.00	-	0.00
	25	4,176	4,178	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	26	3,174	3,175	<b>20.09</b>	108.5	0.00	81.04	-	-	0.00	0.00	-	0.00
	27	4,032	4,033	<b>17.07</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
	28	3,620	3,621	<b>18.45</b>	108.5	0.00	82.18	-	-	0.00	0.00	-	0.00
	29	3,525	3,526	<b>18.79</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
	30	4,619	4,620	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	31	4,416	4,417	<b>15.90</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
	32	4,519	4,519	<b>15.60</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
	33	4,239	4,240	<b>16.43</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
	34	5,364	5,365	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	35	6,407	6,408	<b>11.01</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	36	5,785	5,787	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	37	5,625	5,627	<b>12.73</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	38	5,792	5,793	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	39	4,675	4,676	<b>15.16</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	40	5,443	5,444	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	41	5,070	5,071	<b>14.10</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	42	7,124	7,125	<b>9.61</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	43	6,671	6,672	<b>10.48</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	44	6,890	6,891	<b>10.05</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	45	8,654	8,655	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	46	8,898	8,899	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	47	8,729	8,730	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	48	10,249	10,250	<b>4.81</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	49	10,628	10,629	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	50	10,803	10,804	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	51	11,711	11,711	<b>3.07</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	52	11,452	11,453	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	53	12,581	12,581	<b>2.13</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	54	12,453	12,453	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	55	11,967	11,967	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	56	13,099	13,099	<b>1.60</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	57	13,174	13,175	<b>1.53</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	58	12,906	12,907	<b>1.80</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	59	13,916	13,916	<b>0.82</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	60	14,159	14,160	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00

Sum 45.11

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H322 H322

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,583	2,584	<b>22.58</b>	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
2	3,774	3,775	<b>17.92</b>	108.5	0.00	82.54	-	-	0.00	0.00	-	0.00
3	2,916	2,917	<b>21.13</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
4	5,194	5,195	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
5	4,634	4,636	<b>15.27</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
6	4,349	4,350	<b>16.10</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
7	4,201	4,202	<b>16.55</b>	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
8	3,221	3,222	<b>19.91</b>	108.5	0.00	81.16	-	-	0.00	0.00	-	0.00
9	2,889	2,890	<b>21.24</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
10	2,785	2,787	<b>21.68</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
11	1,378	1,380	<b>30.43</b>	108.5	0.00	73.80	-	-	0.00	0.00	-	0.00
12	1,093	1,096	<b>33.16</b>	108.5	0.00	71.80	-	-	0.00	0.00	-	0.00
13	515	520	<b>41.41</b>	108.5	0.00	65.33	-	-	0.00	0.00	-	0.00
14	1,137	1,139	<b>32.71</b>	108.5	0.00	72.13	-	-	0.00	0.00	-	0.00
15	1,936	1,938	<b>26.24</b>	108.5	0.00	76.75	-	-	0.00	0.00	-	0.00
16	2,189	2,191	<b>24.66</b>	108.5	0.00	77.81	-	-	0.00	0.00	-	0.00
17	1,736	1,738	<b>27.61</b>	108.5	0.00	75.80	-	-	0.00	0.00	-	0.00
18	1,371	1,374	<b>30.49</b>	108.5	0.00	73.76	-	-	0.00	0.00	-	0.00
19	2,023	2,025	<b>25.67</b>	108.5	0.00	77.13	-	-	0.00	0.00	-	0.00
20	2,995	2,995	<b>20.81</b>	108.5	0.00	80.53	-	-	0.00	0.00	-	0.00
21	3,962	3,963	<b>17.30</b>	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00
22	5,024	5,026	<b>14.21</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
23	4,671	4,672	<b>15.17</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
24	3,192	3,193	<b>20.02</b>	108.5	0.00	81.08	-	-	0.00	0.00	-	0.00
25	4,257	4,258	<b>16.37</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
26	3,116	3,118	<b>20.32</b>	108.5	0.00	80.88	-	-	0.00	0.00	-	0.00
27	3,745	3,747	<b>18.02</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
28	3,139	3,141	<b>20.23</b>	108.5	0.00	80.94	-	-	0.00	0.00	-	0.00
29	2,788	2,790	<b>21.67</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
30	3,833	3,834	<b>17.72</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
31	3,574	3,575	<b>18.61</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
32	3,630	3,631	<b>18.42</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
33	3,291	3,292	<b>19.65</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
34	4,393	4,393	<b>15.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
35	6,433	6,434	<b>10.96</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
36	5,792	5,793	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
37	5,532	5,533	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
38	5,434	5,435	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
39	4,170	4,172	<b>16.64</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
40	4,910	4,911	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
41	4,419	4,420	<b>15.89</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
42	6,811	6,812	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
43	6,267	6,268	<b>11.30</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
44	6,387	6,388	<b>11.05</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
45	8,359	8,360	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
46	8,536	8,537	<b>7.22</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
47	8,133	8,134	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
48	9,662	9,663	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
49	9,907	9,908	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
50	10,003	10,003	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
51	10,916	10,917	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
52	10,765	10,766	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
53	11,873	11,874	<b>2.89</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
54	11,721	11,721	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
55	11,192	11,192	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
56	12,342	12,343	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
57	12,583	12,584	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
58	12,282	12,283	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
59	13,213	13,214	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
60	13,428	13,429	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00

Sum 43.79

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H323 H323

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,420	3,420	<b>19.17</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	2	4,577	4,578	<b>15.43</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	3	3,632	3,632	<b>18.41</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
	4	6,002	6,003	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	5	5,445	5,446	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	6	5,180	5,181	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	7	4,994	4,995	<b>14.29</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	8	4,053	4,054	<b>17.01</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	9	3,711	3,712	<b>18.13</b>	108.5	0.00	82.39	-	-	0.00	0.00	-	0.00
	10	3,547	3,549	<b>18.71</b>	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
	11	2,214	2,216	<b>24.51</b>	108.5	0.00	77.91	-	-	0.00	0.00	-	0.00
	12	1,718	1,720	<b>27.74</b>	108.5	0.00	75.71	-	-	0.00	0.00	-	0.00
	13	951	954	<b>34.76</b>	108.5	0.00	70.59	-	-	0.00	0.00	-	0.00
	14	553	558	<b>40.67</b>	108.5	0.00	65.93	-	-	0.00	0.00	-	0.00
	15	1,284	1,286	<b>31.28</b>	108.5	0.00	73.18	-	-	0.00	0.00	-	0.00
	16	2,517	2,519	<b>22.88</b>	108.5	0.00	79.03	-	-	0.00	0.00	-	0.00
	17	2,076	2,078	<b>25.35</b>	108.5	0.00	77.35	-	-	0.00	0.00	-	0.00
	18	1,375	1,378	<b>30.45</b>	108.5	0.00	73.78	-	-	0.00	0.00	-	0.00
	19	1,749	1,752	<b>27.51</b>	108.5	0.00	75.87	-	-	0.00	0.00	-	0.00
	20	2,175	2,177	<b>24.75</b>	108.5	0.00	77.76	-	-	0.00	0.00	-	0.00
	21	3,179	3,180	<b>20.07</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
	22	5,223	5,224	<b>13.71</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	23	4,825	4,826	<b>14.74</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	24	3,052	3,053	<b>20.58</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
	25	4,358	4,360	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	26	3,165	3,166	<b>20.13</b>	108.5	0.00	81.01	-	-	0.00	0.00	-	0.00
	27	3,547	3,549	<b>18.71</b>	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
	28	2,787	2,788	<b>21.68</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
	29	2,180	2,182	<b>24.72</b>	108.5	0.00	77.78	-	-	0.00	0.00	-	0.00
	30	3,139	3,140	<b>20.23</b>	108.5	0.00	80.94	-	-	0.00	0.00	-	0.00
	31	2,828	2,829	<b>21.50</b>	108.5	0.00	80.03	-	-	0.00	0.00	-	0.00
	32	2,840	2,842	<b>21.45</b>	108.5	0.00	80.07	-	-	0.00	0.00	-	0.00
	33	2,458	2,459	<b>23.16</b>	108.5	0.00	78.82	-	-	0.00	0.00	-	0.00
	34	3,564	3,565	<b>18.65</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
	35	6,429	6,430	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	36	5,784	5,786	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	37	5,443	5,445	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	38	5,111	5,112	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	39	3,745	3,747	<b>18.02</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
	40	4,438	4,439	<b>15.84</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	41	3,846	3,847	<b>17.68</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
	42	6,504	6,505	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	43	5,888	5,889	<b>12.13</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	44	5,916	5,917	<b>12.06</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	45	8,049	8,050	<b>8.00</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	46	8,166	8,167	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	47	7,564	7,565	<b>8.82</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	48	9,092	9,093	<b>6.39</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	49	9,227	9,227	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	50	9,259	9,260	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	51	10,176	10,176	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	52	10,109	10,110	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	53	11,198	11,198	<b>3.65</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	54	11,027	11,028	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	55	10,466	10,466	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	56	11,628	11,629	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	57	12,000	12,000	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	58	11,673	11,674	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	59	12,539	12,540	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	60	12,732	12,733	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00

Sum 43.38

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H324 H324

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,159	4,160	<b>16.67</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
2	4,953	4,954	<b>14.40</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
3	3,760	3,761	<b>17.97</b>	108.5	0.00	82.51	-	-	0.00	0.00	-	0.00
4	6,934	6,935	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
5	6,370	6,371	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
6	5,982	5,983	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
7	5,991	5,992	<b>11.90</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
8	4,662	4,663	<b>15.19</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
9	4,613	4,614	<b>15.33</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
10	4,641	4,643	<b>15.25</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
11	3,066	3,068	<b>20.52</b>	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00
12	2,985	2,986	<b>20.85</b>	108.5	0.00	80.50	-	-	0.00	0.00	-	0.00
13	1,557	1,559	<b>28.95</b>	108.5	0.00	74.86	-	-	0.00	0.00	-	0.00
14	878	882	<b>35.65</b>	108.5	0.00	69.91	-	-	0.00	0.00	-	0.00
15	472	480	<b>42.27</b>	108.5	0.00	64.62	-	-	0.00	0.00	-	0.00
16	3,931	3,932	<b>17.40</b>	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
17	3,481	3,483	<b>18.94</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
18	2,803	2,805	<b>21.61</b>	108.5	0.00	79.96	-	-	0.00	0.00	-	0.00
19	3,085	3,086	<b>20.44</b>	108.5	0.00	80.79	-	-	0.00	0.00	-	0.00
20	1,781	1,784	<b>27.28</b>	108.5	0.00	76.03	-	-	0.00	0.00	-	0.00
21	2,397	2,399	<b>23.48</b>	108.5	0.00	78.60	-	-	0.00	0.00	-	0.00
22	6,650	6,651	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
23	6,248	6,249	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
24	4,399	4,401	<b>15.95</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
25	5,774	5,775	<b>12.38</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
26	4,577	4,578	<b>15.43</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
27	4,848	4,850	<b>14.68</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
28	4,001	4,002	<b>17.17</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
29	3,131	3,133	<b>20.26</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
30	3,799	3,800	<b>17.84</b>	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
31	3,363	3,365	<b>19.37</b>	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
32	3,188	3,190	<b>20.04</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
33	2,496	2,498	<b>22.98</b>	108.5	0.00	78.95	-	-	0.00	0.00	-	0.00
34	3,094	3,095	<b>20.41</b>	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
35	7,800	7,801	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
36	7,157	7,159	<b>9.55</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
37	6,780	6,781	<b>10.26</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
38	6,273	6,275	<b>11.29</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
39	4,838	4,840	<b>14.71</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
40	5,442	5,443	<b>13.17</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
41	4,717	4,719	<b>15.04</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
42	7,658	7,659	<b>8.65</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
43	6,972	6,973	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
44	6,880	6,881	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
45	9,182	9,183	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
46	9,230	9,231	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
47	8,329	8,330	<b>7.54</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
48	9,832	9,833	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
49	9,706	9,707	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
50	9,538	9,538	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
51	10,454	10,454	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
52	10,644	10,645	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
53	11,670	11,670	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
54	11,449	11,450	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
55	10,790	10,791	<b>4.14</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
56	11,982	11,982	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
57	12,684	12,685	<b>2.02</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
58	12,304	12,305	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
59	13,004	13,005	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
60	13,132	13,133	<b>1.57</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00

Sum 43.81

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H325 H325

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,811	4,812	<b>14.78</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	2	5,559	5,559	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	3	4,334	4,335	<b>16.14</b>	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
	4	7,590	7,591	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	5	7,027	7,028	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	6	6,634	6,634	<b>10.55</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	7	6,648	6,649	<b>10.52</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	8	5,301	5,302	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	9	5,270	5,271	<b>13.59</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	10	5,292	5,294	<b>13.53</b>	108.5	0.00	85.47	-	-	0.00	0.00	-	0.00
	11	3,723	3,725	<b>18.09</b>	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
	12	3,603	3,604	<b>18.51</b>	108.5	0.00	82.14	-	-	0.00	0.00	-	0.00
	13	2,212	2,214	<b>24.53</b>	108.5	0.00	77.90	-	-	0.00	0.00	-	0.00
	14	1,444	1,447	<b>29.86</b>	108.5	0.00	74.21	-	-	0.00	0.00	-	0.00
	15	703	708	<b>38.10</b>	108.5	0.00	68.00	-	-	0.00	0.00	-	0.00
	16	4,482	4,484	<b>15.70</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	17	4,041	4,043	<b>17.04</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	18	3,307	3,309	<b>19.58</b>	108.5	0.00	81.39	-	-	0.00	0.00	-	0.00
	19	3,480	3,482	<b>18.95</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
	20	1,484	1,487	<b>29.53</b>	108.5	0.00	74.45	-	-	0.00	0.00	-	0.00
	21	1,843	1,845	<b>26.86</b>	108.5	0.00	76.32	-	-	0.00	0.00	-	0.00
	22	7,131	7,132	<b>9.60</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	23	6,715	6,716	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	24	4,777	4,778	<b>14.87</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	25	6,224	6,225	<b>11.39</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	26	5,028	5,029	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	27	5,181	5,183	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	28	4,289	4,290	<b>16.28</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
	29	3,311	3,313	<b>19.57</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00
	30	3,803	3,804	<b>17.82</b>	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
	31	3,332	3,333	<b>19.49</b>	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
	32	3,082	3,083	<b>20.46</b>	108.5	0.00	80.78	-	-	0.00	0.00	-	0.00
	33	2,308	2,310	<b>23.97</b>	108.5	0.00	78.27	-	-	0.00	0.00	-	0.00
	34	2,631	2,632	<b>22.36</b>	108.5	0.00	79.41	-	-	0.00	0.00	-	0.00
	35	8,175	8,176	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	36	7,539	7,540	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	37	7,124	7,125	<b>9.61</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	38	6,487	6,489	<b>10.85</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	39	5,032	5,033	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	40	5,572	5,573	<b>12.85</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	41	4,792	4,794	<b>14.83</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	42	7,853	7,854	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	43	7,128	7,129	<b>9.60</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	44	6,965	6,966	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	45	9,352	9,353	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	46	9,354	9,355	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	47	8,290	8,291	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	48	9,769	9,770	<b>5.44</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	49	9,517	9,517	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	50	9,261	9,261	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	51	10,171	10,171	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	52	10,474	10,475	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	53	11,466	11,467	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	54	11,223	11,224	<b>3.62</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	55	10,526	10,526	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	56	11,724	11,724	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	57	12,578	12,579	<b>2.13</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	58	12,173	12,174	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	59	12,791	12,792	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	60	12,890	12,891	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00

Sum 40.33

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H326 H326

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,932	4,933	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	2	5,411	5,412	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	3	4,117	4,118	<b>16.81</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
	4	7,750	7,751	<b>8.50</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	5	7,194	7,195	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	6	6,722	6,723	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	7	6,877	6,878	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	8	5,313	5,314	<b>13.48</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	9	5,473	5,475	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	10	5,631	5,632	<b>12.71</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	11	3,987	3,989	<b>17.22</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
	12	4,130	4,132	<b>16.76</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
	13	2,598	2,600	<b>22.51</b>	108.5	0.00	79.30	-	-	0.00	0.00	-	0.00
	14	2,127	2,129	<b>25.03</b>	108.5	0.00	77.57	-	-	0.00	0.00	-	0.00
	15	1,582	1,586	<b>28.75</b>	108.5	0.00	75.00	-	-	0.00	0.00	-	0.00
	16	5,154	5,156	<b>13.88</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	17	4,700	4,702	<b>15.09</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	18	4,055	4,057	<b>17.00</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	19	4,337	4,338	<b>16.13</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	20	2,420	2,422	<b>23.35</b>	108.5	0.00	78.69	-	-	0.00	0.00	-	0.00
	21	2,485	2,487	<b>23.03</b>	108.5	0.00	78.91	-	-	0.00	0.00	-	0.00
	22	7,903	7,904	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	23	7,504	7,505	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	24	5,649	5,651	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	25	7,032	7,033	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	26	5,835	5,836	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	27	6,085	6,087	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	28	5,216	5,218	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	29	4,277	4,278	<b>16.31</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	30	4,789	4,790	<b>14.84</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	31	4,316	4,317	<b>16.20</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	32	4,054	4,056	<b>17.00</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	33	3,265	3,267	<b>19.74</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	34	3,374	3,375	<b>19.34</b>	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
	35	9,052	9,053	<b>6.45</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	36	8,411	8,412	<b>7.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	37	8,023	8,024	<b>8.04</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	38	7,449	7,451	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	39	5,998	6,000	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	40	6,552	6,554	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	41	5,779	5,780	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	42	8,822	8,823	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	43	8,106	8,107	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	44	7,951	7,953	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	45	10,328	10,329	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	46	10,337	10,338	<b>4.70</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	47	9,266	9,267	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	48	10,738	10,739	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	49	10,434	10,435	<b>4.58</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	50	10,119	10,120	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	51	11,022	11,023	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	52	11,401	11,402	<b>3.42</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	53	12,371	12,372	<b>2.35</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	54	12,115	12,116	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	55	11,391	11,392	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	56	12,592	12,593	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	57	13,531	13,531	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	58	13,116	13,116	<b>1.59</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	59	13,690	13,690	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	60	13,768	13,769	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 34.27

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H327 H327

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,896	5,897	<b>12.11</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
2	6,465	6,466	<b>10.89</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
3	5,180	5,181	<b>13.82</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
4	8,705	8,706	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
5	8,144	8,145	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
6	7,706	7,707	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
7	7,794	7,796	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
8	6,322	6,323	<b>11.19</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
9	6,400	6,401	<b>11.03</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
10	6,480	6,481	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
11	4,873	4,874	<b>14.61</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
12	4,834	4,835	<b>14.72</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
13	3,394	3,395	<b>19.26</b>	108.5	0.00	81.62	-	-	0.00	0.00	-	0.00
14	2,683	2,685	<b>22.13</b>	108.5	0.00	79.58	-	-	0.00	0.00	-	0.00
15	1,927	1,930	<b>26.29</b>	108.5	0.00	76.71	-	-	0.00	0.00	-	0.00
16	5,718	5,719	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
17	5,279	5,280	<b>13.56</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
18	4,532	4,533	<b>15.56</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
19	4,647	4,648	<b>15.24</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
20	2,087	2,090	<b>25.27</b>	108.5	0.00	77.40	-	-	0.00	0.00	-	0.00
21	1,696	1,699	<b>27.89</b>	108.5	0.00	75.60	-	-	0.00	0.00	-	0.00
22	8,332	8,333	<b>7.54</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
23	7,907	7,908	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
24	5,916	5,918	<b>12.06</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
25	7,407	7,409	<b>9.09</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
26	6,217	6,218	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
27	6,278	6,280	<b>11.28</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
28	5,358	5,359	<b>13.37</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
29	4,302	4,304	<b>16.24</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
30	4,565	4,566	<b>15.47</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
31	4,072	4,074	<b>16.95</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
32	3,732	3,734	<b>18.06</b>	108.5	0.00	82.44	-	-	0.00	0.00	-	0.00
33	2,917	2,919	<b>21.12</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
34	2,617	2,618	<b>22.42</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
35	9,291	9,293	<b>6.10</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
36	8,662	8,664	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
37	8,216	8,217	<b>7.72</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
38	7,447	7,449	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
39	5,991	5,992	<b>11.90</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
40	6,444	6,446	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
41	5,613	5,615	<b>12.76</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
42	8,776	8,777	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
43	8,010	8,011	<b>8.06</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
44	7,755	7,756	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
45	10,231	10,233	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
46	10,172	10,173	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
47	8,877	8,878	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
48	10,298	10,299	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
49	9,824	9,825	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
50	9,397	9,398	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
51	10,284	10,285	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
52	10,809	10,810	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
53	11,727	11,727	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
54	11,444	11,445	<b>3.37</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
55	10,673	10,675	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
56	11,875	11,875	<b>2.88</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
57	13,011	13,012	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
58	12,564	12,565	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
59	13,025	13,026	<b>1.68</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
60	13,065	13,065	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00

Sum 34.18

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H328 H328

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,544	6,545	<b>10.73</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	2	6,955	6,955	<b>9.93</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	3	5,647	5,648	<b>12.68</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	4	9,362	9,363	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	5	8,806	8,807	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	6	8,327	8,328	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	7	8,490	8,491	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	8	6,909	6,910	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	9	7,087	7,088	<b>9.68</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	10	7,229	7,230	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	11	5,593	5,594	<b>12.80</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
	12	5,655	5,656	<b>12.66</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	13	4,164	4,166	<b>16.66</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	14	3,535	3,537	<b>18.75</b>	108.5	0.00	81.97	-	-	0.00	0.00	-	0.00
	15	2,808	2,810	<b>21.58</b>	108.5	0.00	79.98	-	-	0.00	0.00	-	0.00
	16	6,587	6,588	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	17	6,143	6,144	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	18	5,415	5,417	<b>13.23</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	19	5,550	5,551	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	20	2,942	2,944	<b>21.02</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
	21	2,341	2,343	<b>23.79</b>	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
	22	9,229	9,230	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	23	8,807	8,808	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	24	6,822	6,823	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	25	8,309	8,310	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	26	7,117	7,118	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	27	7,182	7,184	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	28	6,260	6,261	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	29	5,196	5,198	<b>13.77</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	30	5,404	5,405	<b>13.26</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	31	4,910	4,912	<b>14.51</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	32	4,550	4,551	<b>15.51</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
	33	3,742	3,744	<b>18.03</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
	34	3,217	3,219	<b>19.92</b>	108.5	0.00	81.15	-	-	0.00	0.00	-	0.00
	35	10,196	10,197	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	36	9,568	9,569	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	37	9,119	9,120	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	38	8,326	8,328	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	39	6,873	6,875	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	40	7,303	7,304	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	41	6,461	6,462	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	42	9,643	9,644	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	43	8,866	8,868	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	44	8,582	8,584	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	45	11,082	11,084	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	46	11,002	11,003	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	47	9,618	9,619	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	48	11,007	11,008	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	49	10,422	10,423	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	50	9,901	9,902	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	51	10,768	10,769	<b>4.16</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	52	11,416	11,417	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	53	12,288	12,289	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	54	11,983	11,984	<b>2.76</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	55	11,175	11,176	<b>3.68</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	56	12,371	12,372	<b>2.35</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	57	13,661	13,662	<b>1.06</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	58	13,193	13,194	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	59	13,565	13,566	<b>1.15</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
	60	13,569	13,570	<b>1.14</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00

Sum 30.96



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H330 H330

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,530	8,531	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	2	8,903	8,904	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	3	7,592	7,593	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	4	11,348	11,349	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	5	10,793	10,794	<b>4.13</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	6	10,311	10,312	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	7	10,473	10,475	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	8	8,889	8,890	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	9	9,071	9,072	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	10	9,196	9,197	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	11	7,569	7,570	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	12	7,566	7,567	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	13	6,116	6,117	<b>11.63</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	14	5,409	5,410	<b>13.24</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	15	4,633	4,634	<b>15.27</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	16	8,416	8,418	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	17	7,986	7,987	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	18	7,208	7,209	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	19	7,227	7,229	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	20	4,346	4,348	<b>16.11</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	21	3,382	3,384	<b>19.30</b>	108.5	0.00	81.59	-	-	0.00	0.00	-	0.00
	22	10,934	10,936	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	23	10,495	10,496	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	24	8,429	8,430	<b>7.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	25	9,980	9,982	<b>5.16</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	26	8,812	8,813	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	27	8,714	8,715	<b>6.95</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	28	7,774	7,775	<b>8.45</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	29	6,656	6,657	<b>10.51</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	30	6,586	6,587	<b>10.65</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	31	6,114	6,116	<b>11.63</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	32	5,701	5,702	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	33	4,977	4,979	<b>14.34</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	34	3,970	3,972	<b>17.27</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
	35	11,713	11,715	<b>3.06</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	36	11,107	11,108	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	37	10,607	10,608	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	38	9,619	9,621	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	39	8,213	8,214	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	40	8,507	8,509	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	41	7,639	7,640	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	42	10,845	10,846	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	43	10,027	10,028	<b>5.10</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	44	9,619	9,621	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	45	12,184	12,185	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	46	12,009	12,010	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	47	10,318	10,319	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	48	11,572	11,573	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	49	10,674	10,675	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	50	9,917	9,918	<b>5.25</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	51	10,709	10,710	<b>4.24</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	52	11,672	11,673	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	53	12,401	12,402	<b>2.32</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	54	12,044	12,045	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	55	11,153	11,154	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	56	12,312	12,313	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	57	14,004	14,005	<b>0.73</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
	58	13,483	13,484	<b>1.23</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	59	13,600	13,601	<b>1.11</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	60	13,512	13,514	<b>1.20</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 27.15

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H331 H331

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,578	8,579	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
2	8,918	8,919	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
3	7,607	7,608	<b>8.74</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
4	11,395	11,396	<b>3.42</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
5	10,841	10,842	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
6	10,350	10,351	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
7	10,530	10,531	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
8	8,922	8,923	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
9	9,126	9,127	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
10	9,266	9,267	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
11	7,633	7,634	<b>8.70</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
12	7,656	7,657	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
13	6,192	6,193	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
14	5,505	5,506	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
15	4,735	4,737	<b>14.99</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
16	8,524	8,526	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
17	8,091	8,092	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
18	7,321	7,322	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
19	7,355	7,357	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
20	4,490	4,492	<b>15.68</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
21	3,542	3,544	<b>18.72</b>	108.5	0.00	81.99	-	-	0.00	0.00	-	0.00
22	11,063	11,064	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
23	10,625	10,626	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
24	8,566	8,567	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
25	10,112	10,113	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
26	8,940	8,941	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
27	8,858	8,860	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
28	7,919	7,920	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
29	6,804	6,805	<b>10.22</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
30	6,752	6,753	<b>10.32</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
31	6,278	6,279	<b>11.28</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
32	5,866	5,868	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
33	5,136	5,138	<b>13.92</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
34	4,147	4,148	<b>16.71</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
35	11,862	11,863	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
36	11,253	11,254	<b>3.59</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
37	10,757	10,758	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
38	9,782	9,784	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
39	8,372	8,373	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
40	8,674	8,676	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
41	7,806	7,808	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
42	11,014	11,015	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
43	10,198	10,199	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
44	9,795	9,797	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
45	12,359	12,360	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
46	12,187	12,188	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
47	10,504	10,506	<b>4.49</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
48	11,761	11,762	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
49	10,865	10,866	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
50	10,106	10,107	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
51	10,897	10,898	<b>4.01</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
52	11,862	11,863	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
53	12,591	12,592	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
54	12,233	12,234	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
55	11,341	11,342	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
56	12,499	12,500	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
57	14,195	14,196	<b>0.56</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
58	13,673	13,674	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
59	13,789	13,790	<b>0.93</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
60	13,700	13,701	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00

Sum 26.82

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H334 H334

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,262	8,264	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	2	8,536	8,537	<b>7.22</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	3	7,226	7,227	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	4	11,074	11,076	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	5	10,525	10,526	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	6	10,015	10,016	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	7	10,233	10,234	<b>4.83</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	8	8,578	8,579	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	9	8,828	8,829	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	10	9,004	9,006	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	11	7,359	7,361	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	12	7,451	7,452	<b>9.02</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	13	5,954	5,955	<b>11.98</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	14	5,326	5,328	<b>13.45</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	15	4,582	4,584	<b>15.42</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	16	8,372	8,373	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	17	7,931	7,932	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	18	7,187	7,189	<b>9.49</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	19	7,274	7,276	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	20	4,488	4,490	<b>15.69</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	21	3,617	3,619	<b>18.46</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
	22	10,974	10,975	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	23	10,544	10,545	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	24	8,516	8,517	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	25	10,038	10,039	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	26	8,854	8,855	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	27	8,837	8,839	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	28	7,902	7,904	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	29	6,801	6,803	<b>10.22</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	30	6,834	6,835	<b>10.16</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	31	6,351	6,352	<b>11.13</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	32	5,951	5,952	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	33	5,190	5,192	<b>13.79</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	34	4,306	4,308	<b>16.22</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	35	11,851	11,852	<b>2.91</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	36	11,233	11,234	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	37	10,755	10,756	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	38	9,844	9,845	<b>5.34</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	39	8,414	8,416	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	40	8,759	8,761	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	41	7,895	7,897	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	42	11,106	11,107	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	43	10,300	10,301	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	44	9,931	9,933	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	45	12,483	12,484	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	46	12,337	12,338	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	47	10,728	10,729	<b>4.21</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	48	12,019	12,020	<b>2.73</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	49	11,186	11,187	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	50	10,470	10,471	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	51	11,276	11,277	<b>3.56</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	52	12,186	12,187	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	53	12,943	12,944	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	54	12,594	12,595	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	55	11,715	11,716	<b>3.06</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	56	12,882	12,883	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	57	14,505	14,506	<b>0.28</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	58	13,994	13,995	<b>0.74</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	59	14,157	14,159	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	60	14,084	14,085	<b>0.66</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00

Sum 26.82

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H335 H335

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,899	6,900	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	2	7,090	7,091	<b>9.67</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	3	5,783	5,785	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	4	9,695	9,696	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	5	9,152	9,154	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	6	8,618	8,619	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	7	8,889	8,890	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	8	7,173	7,174	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	9	7,489	7,490	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	10	7,727	7,728	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	11	6,071	6,073	<b>11.72</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	12	6,297	6,298	<b>11.24</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	13	4,754	4,756	<b>14.94</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
	14	4,276	4,278	<b>16.32</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	15	3,628	3,630	<b>18.42</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
	16	7,321	7,323	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	17	6,868	6,870	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	18	6,198	6,200	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	19	6,412	6,413	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	20	3,944	3,946	<b>17.35</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	21	3,373	3,375	<b>19.33</b>	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
	22	10,042	10,044	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	23	9,634	9,635	<b>5.63</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	24	7,707	7,708	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	25	9,149	9,150	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	26	7,951	7,953	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	27	8,098	8,099	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	28	7,189	7,191	<b>9.49</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	29	6,154	6,155	<b>11.54</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	30	6,418	6,419	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	31	5,924	5,926	<b>12.05</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	32	5,572	5,573	<b>12.85</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	33	4,760	4,762	<b>14.92</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	34	4,241	4,242	<b>16.42</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
	35	11,101	11,103	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	36	10,467	10,468	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	37	10,040	10,042	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	38	9,307	9,309	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	39	7,850	7,852	<b>8.33</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	40	8,305	8,306	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	41	7,470	7,472	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	42	10,638	10,639	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	43	9,870	9,872	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	44	9,603	9,604	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	45	12,090	12,092	<b>2.65</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	46	12,022	12,023	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	47	10,652	10,653	<b>4.31</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	48	12,038	12,039	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	49	11,428	11,429	<b>3.39</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	50	10,871	10,872	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	51	11,726	11,727	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	52	12,424	12,425	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	53	13,278	13,279	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	54	12,965	12,966	<b>1.74</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	55	12,141	12,142	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	56	13,333	13,334	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	57	14,680	14,681	<b>0.12</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	58	14,207	14,208	<b>0.55</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	59	14,545	14,546	<b>0.24</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	60	14,534	14,535	<b>0.25</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00

Sum 28.34

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
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 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H336 H336

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,904	6,906	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
2	7,028	7,030	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
3	5,729	5,730	<b>12.49</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
4	9,685	9,686	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
5	9,148	9,149	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
6	8,598	8,599	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
7	8,902	8,903	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
8	7,149	7,150	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
9	7,507	7,508	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
10	7,774	7,775	<b>8.45</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
11	6,119	6,120	<b>11.62</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
12	6,397	6,399	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
13	4,845	4,847	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
14	4,420	4,422	<b>15.88</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
15	3,804	3,806	<b>17.81</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
16	7,449	7,451	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
17	6,995	6,996	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
18	6,348	6,349	<b>11.13</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
19	6,590	6,592	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
20	4,193	4,196	<b>16.57</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
21	3,659	3,661	<b>18.31</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
22	10,195	10,197	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
23	9,793	9,794	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
24	7,893	7,894	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
25	9,314	9,315	<b>6.07</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
26	8,116	8,118	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
27	8,296	8,298	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
28	7,395	7,397	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
29	6,375	6,376	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
30	6,671	6,672	<b>10.48</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
31	6,178	6,179	<b>11.49</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
32	5,832	5,834	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
33	5,019	5,021	<b>14.23</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
34	4,534	4,535	<b>15.56</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
35	11,292	11,294	<b>3.54</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
36	10,655	10,657	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
37	10,239	10,241	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
38	9,537	9,539	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
39	8,079	8,081	<b>7.95</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
40	8,548	8,550	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
41	7,719	7,721	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
42	10,875	10,877	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
43	10,114	10,116	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
44	9,860	9,862	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
45	12,337	12,338	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
46	12,278	12,279	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
47	10,933	10,934	<b>3.97</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
48	12,325	12,326	<b>2.40</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
49	11,728	11,729	<b>3.05</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
50	11,176	11,177	<b>3.68</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
51	12,032	12,033	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
52	12,723	12,724	<b>1.98</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
53	13,581	13,582	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
54	13,269	13,270	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
55	12,446	12,448	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
56	13,639	13,640	<b>1.08</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
57	14,976	14,977	<b>-0.14</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
58	14,505	14,506	<b>0.28</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
59	14,849	14,850	<b>-0.03</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
60	14,839	14,840	<b>-0.02</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00

Sum 27.85

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H337 H337

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,666	6,667	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	2	6,706	6,707	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	3	5,419	5,420	<b>13.22</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	4	9,421	9,422	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	5	8,891	8,893	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	6	8,323	8,324	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	7	8,668	8,670	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	8	6,872	6,874	<b>10.08</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	9	7,284	7,285	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	10	7,591	7,592	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	11	5,942	5,944	<b>12.00</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	12	6,299	6,300	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	13	4,743	4,745	<b>14.97</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	14	4,408	4,410	<b>15.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	15	3,855	3,857	<b>17.65</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	16	7,394	7,395	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	17	6,937	6,939	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	18	6,332	6,334	<b>11.17</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	19	6,626	6,628	<b>10.57</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	20	4,386	4,388	<b>15.99</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	21	3,949	3,950	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	22	10,176	10,177	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	23	9,784	9,785	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	24	7,937	7,939	<b>8.18</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	25	9,317	9,318	<b>6.07</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	26	8,121	8,123	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	27	8,364	8,366	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	28	7,481	7,482	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	29	6,494	6,496	<b>10.83</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
	30	6,862	6,863	<b>10.10</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	31	6,371	6,372	<b>11.09</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	32	6,044	6,046	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	33	5,228	5,230	<b>13.69</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	34	4,845	4,846	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	35	11,340	11,342	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	36	10,700	10,701	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	37	10,305	10,306	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	38	9,668	9,670	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	39	8,210	8,212	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	40	8,712	8,713	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	41	7,898	7,899	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	42	11,022	11,024	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	43	10,277	10,278	<b>4.78</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	44	10,054	10,055	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	45	12,502	12,503	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	46	12,466	12,467	<b>2.25</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	47	11,192	11,193	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	48	12,604	12,605	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	49	12,060	12,061	<b>2.68</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	50	11,542	11,543	<b>3.26</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	51	12,406	12,407	<b>2.31</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	52	13,052	13,053	<b>1.65</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	53	13,930	13,931	<b>0.80</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	54	13,625	13,626	<b>1.09</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	55	12,815	12,816	<b>1.89</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	56	14,010	14,011	<b>0.73</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
	57	15,286	15,287	<b>-0.41</b>	108.5	0.00	94.69	-	-	0.00	0.00	-	0.00
	58	14,825	14,826	<b>-0.01</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
	59	15,207	15,208	<b>-0.34</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	60	15,209	15,210	<b>-0.34</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00

Sum 27.66

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H338 H338

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,807	5,808	<b>12.31</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
2	5,830	5,831	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
3	4,542	4,543	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
4	8,550	8,551	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
5	8,023	8,025	<b>8.04</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
6	7,449	7,451	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
7	7,810	7,811	<b>8.39</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
8	5,999	6,001	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
9	6,432	6,433	<b>10.96</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
10	6,764	6,766	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
11	5,125	5,127	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
12	5,554	5,556	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
13	4,005	4,007	<b>17.16</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
14	3,793	3,795	<b>17.85</b>	108.5	0.00	82.58	-	-	0.00	0.00	-	0.00
15	3,350	3,352	<b>19.42</b>	108.5	0.00	81.51	-	-	0.00	0.00	-	0.00
16	6,691	6,693	<b>10.44</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
17	6,235	6,237	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
18	5,687	5,689	<b>12.58</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
19	6,051	6,052	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
20	4,119	4,121	<b>16.80</b>	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
21	3,902	3,904	<b>17.49</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
22	9,506	9,508	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
23	9,130	9,131	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
24	7,365	7,367	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
25	8,680	8,681	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
26	7,492	7,494	<b>8.94</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
27	7,824	7,826	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
28	6,974	6,976	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
29	6,053	6,055	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
30	6,546	6,548	<b>10.73</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
31	6,066	6,068	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
32	5,780	5,782	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
33	4,974	4,976	<b>14.34</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
34	4,823	4,824	<b>14.75</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
35	10,758	10,760	<b>4.18</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
36	10,115	10,116	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
37	9,752	9,753	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
38	9,224	9,225	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
39	7,774	7,776	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
40	8,329	8,331	<b>7.54</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
41	7,549	7,551	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
42	10,598	10,600	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
43	9,883	9,885	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
44	9,721	9,722	<b>5.51</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
45	12,106	12,107	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
46	12,112	12,113	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
47	10,985	10,986	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
48	12,437	12,438	<b>2.28</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
49	12,023	12,024	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
50	11,602	11,603	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
51	12,486	12,487	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
52	13,005	13,006	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
53	13,931	13,932	<b>0.80</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
54	13,650	13,651	<b>1.07</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
55	12,878	12,879	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
56	14,079	14,080	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
57	15,187	15,188	<b>-0.32</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
58	14,750	14,751	<b>0.06</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
59	15,231	15,232	<b>-0.36</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
60	15,270	15,271	<b>-0.39</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00

Sum 28.87

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H339 H339

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,989	4,990	<b>14.31</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
	2	4,947	4,948	<b>14.42</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	3	3,666	3,667	<b>18.29</b>	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
	4	7,699	7,701	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	5	7,180	7,181	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	6	6,592	6,593	<b>10.63</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	7	6,988	6,990	<b>9.86</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	8	5,144	5,145	<b>13.91</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	9	5,626	5,628	<b>12.73</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	10	6,006	6,007	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	11	4,393	4,395	<b>15.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
	12	4,939	4,941	<b>14.44</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	13	3,430	3,432	<b>19.12</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
	14	3,415	3,417	<b>19.18</b>	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
	15	3,148	3,150	<b>20.19</b>	108.5	0.00	80.97	-	-	0.00	0.00	-	0.00
	16	6,126	6,128	<b>11.60</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	17	5,676	5,678	<b>12.61</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	18	5,217	5,218	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	19	5,668	5,670	<b>12.63</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
	20	4,162	4,164	<b>16.66</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	21	4,178	4,179	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	22	8,968	8,969	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	23	8,613	8,614	<b>7.10</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	24	6,970	6,971	<b>9.90</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	25	8,188	8,189	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	26	7,021	7,023	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	27	7,464	7,466	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	28	6,665	6,667	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	29	5,839	5,841	<b>12.24</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	30	6,468	6,469	<b>10.89</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	31	6,009	6,010	<b>11.86</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	32	5,774	5,775	<b>12.38</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
	33	4,999	5,001	<b>14.28</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
	34	5,087	5,088	<b>14.05</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	35	10,325	10,326	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	36	9,681	9,682	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	37	9,360	9,362	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	38	8,965	8,966	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	39	7,541	7,542	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	40	8,151	8,152	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	41	7,418	7,419	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	42	10,354	10,356	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	43	9,679	9,680	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	44	9,585	9,587	<b>5.69</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	45	11,884	11,885	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	46	11,939	11,940	<b>2.81</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	47	10,977	10,978	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	48	12,461	12,462	<b>2.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	49	12,183	12,184	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	50	11,857	11,858	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	51	12,757	12,758	<b>1.95</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	52	13,149	13,150	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	53	14,120	14,121	<b>0.63</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	54	13,862	13,863	<b>0.87</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	55	13,130	13,131	<b>1.57</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	56	14,332	14,333	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	57	15,270	15,271	<b>-0.39</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
	58	14,860	14,861	<b>-0.04</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	59	15,437	15,438	<b>-0.53</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	60	15,511	15,512	<b>-0.60</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	Sum	29.82											



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H340 H340

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,033	4,034	<b>17.07</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
	2	4,088	4,090	<b>16.90</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
	3	2,784	2,786	<b>21.69</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
	4	6,767	6,768	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	5	6,240	6,242	<b>11.36</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	6	5,668	5,669	<b>12.63</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
	7	6,034	6,036	<b>11.80</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	8	4,217	4,219	<b>16.49</b>	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
	9	4,666	4,667	<b>15.18</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
	10	5,042	5,044	<b>14.17</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	11	3,436	3,438	<b>19.10</b>	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
	12	4,036	4,038	<b>17.06</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	13	2,577	2,579	<b>22.60</b>	108.5	0.00	79.23	-	-	0.00	0.00	-	0.00
	14	2,748	2,750	<b>21.84</b>	108.5	0.00	79.79	-	-	0.00	0.00	-	0.00
	15	2,686	2,688	<b>22.12</b>	108.5	0.00	79.59	-	-	0.00	0.00	-	0.00
	16	5,247	5,249	<b>13.64</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	17	4,804	4,806	<b>14.80</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	18	4,416	4,417	<b>15.90</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
	19	4,934	4,936	<b>14.45</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	20	3,897	3,899	<b>17.51</b>	108.5	0.00	82.82	-	-	0.00	0.00	-	0.00
	21	4,165	4,166	<b>16.66</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	22	8,093	8,094	<b>7.92</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	23	7,754	7,755	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	24	6,209	6,211	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	25	7,347	7,349	<b>9.20</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	26	6,202	6,203	<b>11.44</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	27	6,729	6,730	<b>10.36</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	28	5,982	5,983	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	29	5,256	5,257	<b>13.62</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	30	6,005	6,006	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	31	5,576	5,578	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	32	5,399	5,401	<b>13.27</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
	33	4,681	4,682	<b>15.14</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	34	5,024	5,025	<b>14.22</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	35	9,517	9,519	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	36	8,875	8,876	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	37	8,588	8,589	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	38	8,304	8,305	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	39	6,914	6,915	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	40	7,569	7,570	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	41	6,889	6,890	<b>10.05</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	42	9,697	9,698	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	43	9,061	9,062	<b>6.43</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	44	9,030	9,032	<b>6.48</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	45	11,240	11,241	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	46	11,336	11,337	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	47	10,535	10,536	<b>4.45</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	48	12,043	12,044	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	49	11,905	11,906	<b>2.85</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	50	11,685	11,686	<b>3.09</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	51	12,597	12,597	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	52	12,850	12,851	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	53	13,864	13,864	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	54	13,632	13,633	<b>1.08</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	55	12,948	12,949	<b>1.75</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	56	14,145	14,145	<b>0.60</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	57	14,898	14,899	<b>-0.07</b>	108.5	0.00	94.46	-	-	0.00	0.00	-	0.00
	58	14,517	14,518	<b>0.26</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	59	15,194	15,195	<b>-0.33</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	60	15,306	15,307	<b>-0.42</b>	108.5	0.00	94.70	-	-	0.00	0.00	-	0.00

Sum 31.93

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H341 H341

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,372	3,373	<b>19.34</b>	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
	2	3,366	3,367	<b>19.36</b>	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
	3	2,063	2,065	<b>25.43</b>	108.5	0.00	77.30	-	-	0.00	0.00	-	0.00
	4	6,069	6,070	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	5	5,549	5,551	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	6	4,963	4,965	<b>14.37</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	7	5,366	5,367	<b>13.35</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	8	3,514	3,516	<b>18.82</b>	108.5	0.00	81.92	-	-	0.00	0.00	-	0.00
	9	4,019	4,020	<b>17.12</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
	10	4,449	4,450	<b>15.80</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	11	2,900	2,902	<b>21.19</b>	108.5	0.00	80.25	-	-	0.00	0.00	-	0.00
	12	3,643	3,645	<b>18.37</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	13	2,330	2,332	<b>23.85</b>	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
	14	2,754	2,756	<b>21.82</b>	108.5	0.00	79.81	-	-	0.00	0.00	-	0.00
	15	2,898	2,900	<b>21.20</b>	108.5	0.00	80.25	-	-	0.00	0.00	-	0.00
	16	4,882	4,883	<b>14.59</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
	17	4,457	4,458	<b>15.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	18	4,186	4,188	<b>16.59</b>	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
	19	4,783	4,784	<b>14.86</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	20	4,206	4,207	<b>16.53</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	21	4,624	4,625	<b>15.30</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	22	7,713	7,714	<b>8.56</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	23	7,400	7,402	<b>9.11</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	24	6,006	6,007	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	25	7,024	7,026	<b>9.79</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	26	5,919	5,921	<b>12.06</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	27	6,551	6,552	<b>10.72</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	28	5,873	5,874	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	29	5,264	5,265	<b>13.60</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
	30	6,111	6,113	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	31	5,716	5,717	<b>12.52</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	32	5,590	5,591	<b>12.81</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
	33	4,929	4,931	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	34	5,437	5,438	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	35	9,229	9,230	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	36	8,592	8,594	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	37	8,349	8,350	<b>7.51</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	38	8,195	8,197	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	39	6,854	6,855	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	40	7,547	7,548	<b>8.85</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	41	6,925	6,926	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	42	9,585	9,586	<b>5.69</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	43	8,992	8,993	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	44	9,024	9,025	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	45	11,133	11,134	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	46	11,271	11,272	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	47	10,621	10,622	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	48	12,142	12,143	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	49	12,116	12,116	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	50	11,974	11,974	<b>2.78</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	51	12,890	12,891	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	52	13,041	13,041	<b>1.66</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	53	14,084	14,085	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	54	13,873	13,873	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	55	13,225	13,225	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	56	14,414	14,415	<b>0.36</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	57	15,027	15,028	<b>-0.18</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
	58	14,670	14,671	<b>0.13</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	59	15,421	15,422	<b>-0.52</b>	108.5	0.00	94.76	-	-	0.00	0.00	-	0.00
	60	15,560	15,561	<b>-0.64</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
Sum		33.04											

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H342 H342

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,411	2,413	<b>23.40</b>	108.5	0.00	78.65	-	-	0.00	0.00	-	0.00
	2	2,584	2,586	<b>22.57</b>	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
	3	1,287	1,290	<b>31.24</b>	108.5	0.00	73.21	-	-	0.00	0.00	-	0.00
	4	5,141	5,143	<b>13.91</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	5	4,612	4,614	<b>15.33</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	6	4,049	4,051	<b>17.02</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	7	4,409	4,411	<b>15.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	8	2,600	2,602	<b>22.50</b>	108.5	0.00	79.31	-	-	0.00	0.00	-	0.00
	9	3,054	3,056	<b>20.56</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
	10	3,492	3,494	<b>18.90</b>	108.5	0.00	81.87	-	-	0.00	0.00	-	0.00
	11	1,991	1,993	<b>25.88</b>	108.5	0.00	76.99	-	-	0.00	0.00	-	0.00
	12	2,859	2,861	<b>21.37</b>	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
	13	1,823	1,826	<b>26.99</b>	108.5	0.00	76.23	-	-	0.00	0.00	-	0.00
	14	2,544	2,546	<b>22.75</b>	108.5	0.00	79.12	-	-	0.00	0.00	-	0.00
	15	2,949	2,950	<b>21.00</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
	16	4,101	4,103	<b>16.85</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	17	3,703	3,705	<b>18.16</b>	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
	18	3,576	3,578	<b>18.60</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
	19	4,249	4,251	<b>16.40</b>	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
	20	4,303	4,304	<b>16.24</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
	21	4,922	4,923	<b>14.49</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	22	6,893	6,895	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	23	6,607	6,608	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	24	5,384	5,385	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	25	6,263	6,264	<b>11.31</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	26	5,212	5,213	<b>13.73</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
	27	5,950	5,951	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	28	5,364	5,366	<b>13.35</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	29	4,917	4,918	<b>14.50</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	30	5,872	5,873	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	31	5,530	5,531	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	32	5,475	5,476	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	33	4,914	4,915	<b>14.51</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	34	5,644	5,645	<b>12.69</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	35	8,488	8,489	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	36	7,861	7,862	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	37	7,664	7,665	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	38	7,657	7,658	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	39	6,390	6,391	<b>11.05</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	40	7,120	7,121	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	41	6,578	6,580	<b>10.66</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	42	9,030	9,031	<b>6.48</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	43	8,493	8,494	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	44	8,599	8,601	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	45	10,576	10,577	<b>4.40</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	46	10,761	10,762	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	47	10,300	10,301	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	48	11,829	11,830	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	49	11,952	11,952	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	50	11,920	11,920	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	51	12,838	12,839	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	52	12,845	12,846	<b>1.86</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	53	13,924	13,925	<b>0.81</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	54	13,741	13,742	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	55	13,147	13,148	<b>1.56</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	56	14,322	14,323	<b>0.44</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	57	14,741	14,741	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	58	14,416	14,417	<b>0.36</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	59	15,265	15,266	<b>-0.39</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	60	15,443	15,443	<b>-0.54</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
Sum		36.27											

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:36 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H343 H343

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	622	627	<b>39.42</b>	108.5	0.00	66.95	-	-	0.00	0.00	-	0.00
2	1,976	1,977	<b>25.98</b>	108.5	0.00	76.92	-	-	0.00	0.00	-	0.00
3	1,688	1,689	<b>27.96</b>	108.5	0.00	75.55	-	-	0.00	0.00	-	0.00
4	3,379	3,381	<b>19.31</b>	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
5	2,817	2,819	<b>21.54</b>	108.5	0.00	80.00	-	-	0.00	0.00	-	0.00
6	2,429	2,430	<b>23.31</b>	108.5	0.00	78.71	-	-	0.00	0.00	-	0.00
7	2,488	2,490	<b>23.01</b>	108.5	0.00	78.92	-	-	0.00	0.00	-	0.00
8	1,278	1,281	<b>31.33</b>	108.5	0.00	73.15	-	-	0.00	0.00	-	0.00
9	1,083	1,087	<b>33.26</b>	108.5	0.00	71.72	-	-	0.00	0.00	-	0.00
10	1,435	1,438	<b>29.94</b>	108.5	0.00	74.16	-	-	0.00	0.00	-	0.00
11	593	598	<b>39.93</b>	108.5	0.00	66.54	-	-	0.00	0.00	-	0.00
12	1,630	1,632	<b>28.39</b>	108.5	0.00	75.26	-	-	0.00	0.00	-	0.00
13	2,052	2,053	<b>25.50</b>	108.5	0.00	77.25	-	-	0.00	0.00	-	0.00
14	3,008	3,009	<b>20.75</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
15	3,752	3,752	<b>18.00</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
16	2,621	2,623	<b>22.41</b>	108.5	0.00	79.37	-	-	0.00	0.00	-	0.00
17	2,373	2,375	<b>23.61</b>	108.5	0.00	78.51	-	-	0.00	0.00	-	0.00
18	2,733	2,735	<b>21.91</b>	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
19	3,489	3,490	<b>18.91</b>	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
20	4,934	4,934	<b>14.45</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
21	5,846	5,847	<b>12.22</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
22	5,142	5,144	<b>13.91</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
23	4,931	4,932	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
24	4,245	4,247	<b>16.41</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
25	4,687	4,688	<b>15.12</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
26	3,846	3,847	<b>17.68</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
27	4,822	4,823	<b>14.75</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
28	4,528	4,529	<b>15.57</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
29	4,530	4,531	<b>15.57</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
30	5,632	5,632	<b>12.71</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
31	5,440	5,441	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
32	5,545	5,546	<b>12.92</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
33	5,251	5,252	<b>13.64</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
34	6,340	6,340	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
35	6,900	6,901	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
36	6,309	6,310	<b>11.21</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
37	6,237	6,238	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
38	6,592	6,593	<b>10.63</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
39	5,576	5,577	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
40	6,350	6,351	<b>11.13</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
41	6,035	6,036	<b>11.80</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
42	7,878	7,879	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
43	7,490	7,491	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
44	7,768	7,769	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
45	9,381	9,382	<b>5.98</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
46	9,672	9,673	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
47	9,650	9,651	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
48	11,161	11,161	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
49	11,607	11,607	<b>3.18</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
50	11,813	11,813	<b>2.95</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
51	12,717	12,718	<b>1.99</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
52	12,414	12,415	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
53	13,551	13,552	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
54	13,434	13,435	<b>1.27</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
55	12,966	12,967	<b>1.74</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
56	14,090	14,091	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
57	14,082	14,082	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
58	13,833	13,834	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
59	14,882	14,883	<b>-0.06</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
60	15,139	15,140	<b>-0.28</b>	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00

Sum 44.34

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H345 H345

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,135	1,137	<b>32.73</b>	108.5	0.00	72.12	-	-	0.00	0.00	-	0.00
	2	1,952	1,953	<b>26.14</b>	108.5	0.00	76.81	-	-	0.00	0.00	-	0.00
	3	2,660	2,661	<b>22.23</b>	108.5	0.00	79.50	-	-	0.00	0.00	-	0.00
	4	1,725	1,727	<b>27.69</b>	108.5	0.00	75.75	-	-	0.00	0.00	-	0.00
	5	1,161	1,166	<b>32.44</b>	108.5	0.00	72.33	-	-	0.00	0.00	-	0.00
	6	933	937	<b>34.97</b>	108.5	0.00	70.43	-	-	0.00	0.00	-	0.00
	7	873	879	<b>35.69</b>	108.5	0.00	69.88	-	-	0.00	0.00	-	0.00
	8	1,159	1,161	<b>32.49</b>	108.5	0.00	72.30	-	-	0.00	0.00	-	0.00
	9	602	607	<b>39.77</b>	108.5	0.00	66.67	-	-	0.00	0.00	-	0.00
	10	1,074	1,077	<b>33.36</b>	108.5	0.00	71.65	-	-	0.00	0.00	-	0.00
	11	2,152	2,153	<b>24.89</b>	108.5	0.00	77.66	-	-	0.00	0.00	-	0.00
	12	2,775	2,776	<b>21.73</b>	108.5	0.00	79.87	-	-	0.00	0.00	-	0.00
	13	3,673	3,673	<b>18.27</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	14	4,599	4,599	<b>15.37</b>	108.5	0.00	84.25	-	-	0.00	0.00	-	0.00
	15	5,369	5,370	<b>13.34</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	16	3,201	3,202	<b>19.99</b>	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00
	17	3,185	3,186	<b>20.05</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
	18	3,852	3,853	<b>17.66</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	19	4,543	4,543	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	20	6,483	6,483	<b>10.86</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	21	7,444	7,444	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	22	4,932	4,933	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	23	4,868	4,869	<b>14.63</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	24	4,905	4,906	<b>14.53</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	25	4,797	4,798	<b>14.82</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	26	4,325	4,325	<b>16.17</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
	27	5,431	5,432	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	28	5,410	5,411	<b>13.24</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	29	5,701	5,702	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	30	6,813	6,813	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	31	6,707	6,708	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	32	6,881	6,881	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	33	6,702	6,703	<b>10.42</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	34	7,874	7,874	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	35	6,834	6,835	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	36	6,326	6,327	<b>11.18</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	37	6,416	6,417	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	38	7,134	7,135	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	39	6,392	6,393	<b>11.04</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	40	7,153	7,154	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	41	7,014	7,015	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	42	8,276	8,276	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	43	8,045	8,045	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	44	8,457	8,458	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	45	9,685	9,686	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	46	10,071	10,072	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	47	10,422	10,422	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	48	11,885	11,885	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	49	12,553	12,553	<b>2.16</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	50	12,903	12,903	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	51	13,788	13,788	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	52	13,289	13,290	<b>1.42</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	53	14,451	14,452	<b>0.32</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	54	14,379	14,379	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	55	13,997	13,998	<b>0.74</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	56	15,076	15,076	<b>-0.23</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
	57	14,767	14,767	<b>0.04</b>	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
	58	14,579	14,580	<b>0.21</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	59	15,760	15,761	<b>-0.80</b>	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
	60	16,068	16,068	<b>-1.05</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00

Sum 44.21

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H346 H346

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,247	1,249	<b>31.62</b>	108.5	0.00	72.93	-	-	0.00	0.00	-	0.00
	2	1,756	1,757	<b>27.47</b>	108.5	0.00	75.90	-	-	0.00	0.00	-	0.00
	3	2,612	2,612	<b>22.45</b>	108.5	0.00	79.34	-	-	0.00	0.00	-	0.00
	4	1,574	1,577	<b>28.81</b>	108.5	0.00	74.96	-	-	0.00	0.00	-	0.00
	5	1,028	1,034	<b>33.84</b>	108.5	0.00	71.29	-	-	0.00	0.00	-	0.00
	6	634	640	<b>39.20</b>	108.5	0.00	67.13	-	-	0.00	0.00	-	0.00
	7	917	923	<b>35.13</b>	108.5	0.00	70.31	-	-	0.00	0.00	-	0.00
	8	1,065	1,068	<b>33.46</b>	108.5	0.00	71.57	-	-	0.00	0.00	-	0.00
	9	855	859	<b>35.96</b>	108.5	0.00	69.67	-	-	0.00	0.00	-	0.00
	10	1,407	1,410	<b>30.18</b>	108.5	0.00	73.98	-	-	0.00	0.00	-	0.00
	11	2,363	2,364	<b>23.67</b>	108.5	0.00	78.47	-	-	0.00	0.00	-	0.00
	12	3,064	3,065	<b>20.53</b>	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00
	13	3,874	3,874	<b>17.59</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	14	4,816	4,817	<b>14.77</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	15	5,574	5,575	<b>12.85</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	16	3,531	3,532	<b>18.76</b>	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
	17	3,505	3,506	<b>18.86</b>	108.5	0.00	81.90	-	-	0.00	0.00	-	0.00
	18	4,154	4,155	<b>16.69</b>	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
	19	4,854	4,854	<b>14.67</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	20	6,719	6,719	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	21	7,661	7,661	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	22	5,240	5,241	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	23	5,186	5,187	<b>13.80</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	24	5,237	5,238	<b>13.67</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	25	5,124	5,125	<b>13.96</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	26	4,658	4,659	<b>15.20</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
	27	5,765	5,766	<b>12.41</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	28	5,734	5,735	<b>12.48</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	29	6,005	6,005	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	30	7,118	7,118	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	31	7,002	7,002	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	32	7,166	7,166	<b>9.53</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	33	6,966	6,966	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	34	8,117	8,117	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	35	7,147	7,148	<b>9.57</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	36	6,645	6,646	<b>10.53</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	37	6,743	6,744	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	38	7,468	7,469	<b>8.99</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	39	6,721	6,722	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	40	7,483	7,484	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	41	7,336	7,337	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	42	8,608	8,609	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	43	8,379	8,380	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	44	8,790	8,791	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	45	10,014	10,014	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	46	10,403	10,403	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	47	10,754	10,755	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	48	12,218	12,219	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	49	12,879	12,880	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	50	13,221	13,221	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	51	14,107	14,108	<b>0.64</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	52	13,619	13,620	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	53	14,781	14,781	<b>0.03</b>	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
	54	14,706	14,707	<b>0.10</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	55	14,320	14,320	<b>0.44</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	56	15,401	15,402	<b>-0.50</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
	57	15,101	15,101	<b>-0.25</b>	108.5	0.00	94.58	-	-	0.00	0.00	-	0.00
	58	14,913	14,913	<b>-0.08</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
	59	16,090	16,091	<b>-1.07</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	60	16,396	16,396	<b>-1.32</b>	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00

Sum 44.01

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H347 H347

WTG	No.	Distance [m]	Sound distance [m]	95% rated power								A [dB]	Cmet [dB]
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]		
	1	1,368	1,370	<b>30.52</b>	108.5	0.00	73.73	-	-	0.00	0.00	-	0.00
	2	2,234	2,235	<b>24.40</b>	108.5	0.00	77.99	-	-	0.00	0.00	-	0.00
	3	2,938	2,938	<b>21.04</b>	108.5	0.00	80.36	-	-	0.00	0.00	-	0.00
	4	1,601	1,604	<b>28.61</b>	108.5	0.00	75.10	-	-	0.00	0.00	-	0.00
	5	1,045	1,050	<b>33.66</b>	108.5	0.00	71.42	-	-	0.00	0.00	-	0.00
	6	1,009	1,012	<b>34.09</b>	108.5	0.00	71.10	-	-	0.00	0.00	-	0.00
	7	645	652	<b>38.99</b>	108.5	0.00	67.29	-	-	0.00	0.00	-	0.00
	8	1,446	1,448	<b>29.86</b>	108.5	0.00	74.21	-	-	0.00	0.00	-	0.00
	9	760	763	<b>37.27</b>	108.5	0.00	68.65	-	-	0.00	0.00	-	0.00
	10	998	1,001	<b>34.20</b>	108.5	0.00	71.01	-	-	0.00	0.00	-	0.00
	11	2,293	2,294	<b>24.07</b>	108.5	0.00	78.21	-	-	0.00	0.00	-	0.00
	12	2,809	2,810	<b>21.58</b>	108.5	0.00	79.97	-	-	0.00	0.00	-	0.00
	13	3,811	3,812	<b>17.80</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
	14	4,717	4,717	<b>15.04</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	15	5,498	5,499	<b>13.03</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	16	3,120	3,121	<b>20.31</b>	108.5	0.00	80.89	-	-	0.00	0.00	-	0.00
	17	3,145	3,146	<b>20.21</b>	108.5	0.00	80.95	-	-	0.00	0.00	-	0.00
	18	3,855	3,855	<b>17.65</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	19	4,522	4,522	<b>15.59</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	20	6,576	6,577	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	21	7,556	7,557	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	22	4,709	4,710	<b>15.06</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	23	4,663	4,664	<b>15.19</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
	24	4,807	4,808	<b>14.79</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	25	4,616	4,617	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	26	4,204	4,205	<b>16.54</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	27	5,320	5,321	<b>13.46</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	28	5,347	5,347	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	29	5,694	5,694	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	30	6,801	6,802	<b>10.22</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	31	6,716	6,716	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	32	6,906	6,906	<b>10.02</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	33	6,761	6,762	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	34	7,958	7,958	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	35	6,618	6,619	<b>10.58</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	36	6,122	6,123	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	37	6,234	6,235	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
	38	7,001	7,002	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	39	6,310	6,310	<b>11.21</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	40	7,064	7,064	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	41	6,959	6,960	<b>9.92</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	42	8,116	8,117	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	43	7,910	7,910	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	44	8,343	8,344	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	45	9,508	9,508	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	46	9,907	9,907	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	47	10,316	10,317	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	48	11,768	11,769	<b>3.00</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	49	12,476	12,476	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	50	12,855	12,856	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	51	13,735	13,735	<b>0.99</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	52	13,198	13,198	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	53	14,363	14,363	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	54	14,299	14,300	<b>0.46</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	55	13,935	13,936	<b>0.80</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	56	15,004	15,004	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	57	14,640	14,640	<b>0.16</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	58	14,463	14,463	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	59	15,666	15,667	<b>-0.72</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
	60	15,983	15,984	<b>-0.98</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 44.02

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H348 H348

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,531	3,532	<b>18.76</b>	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
	2	4,104	4,105	<b>16.85</b>	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
	3	5,045	5,045	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	4	1,314	1,317	<b>30.99</b>	108.5	0.00	73.39	-	-	0.00	0.00	-	0.00
	5	1,542	1,545	<b>29.06</b>	108.5	0.00	74.78	-	-	0.00	0.00	-	0.00
	6	2,245	2,247	<b>24.33</b>	108.5	0.00	78.03	-	-	0.00	0.00	-	0.00
	7	1,541	1,544	<b>29.07</b>	108.5	0.00	74.77	-	-	0.00	0.00	-	0.00
	8	3,501	3,501	<b>18.87</b>	108.5	0.00	81.88	-	-	0.00	0.00	-	0.00
	9	2,902	2,903	<b>21.19</b>	108.5	0.00	80.26	-	-	0.00	0.00	-	0.00
	10	2,731	2,733	<b>21.92</b>	108.5	0.00	79.73	-	-	0.00	0.00	-	0.00
	11	4,344	4,345	<b>16.11</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	12	4,542	4,543	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	13	5,816	5,817	<b>12.29</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	14	6,648	6,648	<b>10.53</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	15	7,448	7,449	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	16	4,313	4,314	<b>16.21</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	17	4,541	4,542	<b>15.54</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
	18	5,382	5,383	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	19	5,896	5,896	<b>12.11</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	20	8,388	8,388	<b>7.45</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	21	9,427	9,427	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	22	4,542	4,543	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	23	4,708	4,709	<b>15.07</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	24	5,719	5,720	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	25	4,900	4,901	<b>14.54</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	26	5,020	5,021	<b>14.23</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	27	6,101	6,102	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	28	6,438	6,439	<b>10.95</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
	29	7,079	7,079	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	30	8,123	8,124	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	31	8,149	8,149	<b>7.83</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	32	8,415	8,415	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	33	8,428	8,428	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	34	9,712	9,712	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	35	6,374	6,375	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	36	6,047	6,048	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	37	6,362	6,363	<b>11.10</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	38	7,519	7,519	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	39	7,227	7,227	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	40	7,903	7,904	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	41	8,024	8,025	<b>8.04</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	42	8,363	8,364	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	43	8,374	8,375	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	44	8,953	8,954	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	45	9,550	9,550	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	46	10,055	10,056	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	47	10,941	10,941	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	48	12,280	12,280	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	49	13,270	13,271	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	50	13,844	13,845	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	51	14,678	14,678	<b>0.12</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	52	13,878	13,878	<b>0.85</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	53	15,053	15,053	<b>-0.21</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	54	15,053	15,054	<b>-0.21</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	55	14,818	14,818	<b>0.00</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
	56	15,804	15,804	<b>-0.84</b>	108.5	0.00	94.98	-	-	0.00	0.00	-	0.00
	57	15,028	15,028	<b>-0.18</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
	58	14,938	14,938	<b>-0.11</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
	59	16,302	16,302	<b>-1.24</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	60	16,686	16,686	<b>-1.54</b>	108.5	0.00	95.45	-	-	0.00	0.00	-	0.00

Sum 36.24



Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H349 H349

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,175	4,175	<b>16.63</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
	2	4,379	4,380	<b>16.01</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
	3	5,498	5,498	<b>13.03</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
	4	1,415	1,417	<b>30.11</b>	108.5	0.00	74.03	-	-	0.00	0.00	-	0.00
	5	1,926	1,928	<b>26.30</b>	108.5	0.00	76.70	-	-	0.00	0.00	-	0.00
	6	2,538	2,539	<b>22.79</b>	108.5	0.00	79.09	-	-	0.00	0.00	-	0.00
	7	2,221	2,223	<b>24.47</b>	108.5	0.00	77.94	-	-	0.00	0.00	-	0.00
	8	3,967	3,967	<b>17.29</b>	108.5	0.00	82.97	-	-	0.00	0.00	-	0.00
	9	3,618	3,618	<b>18.46</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
	10	3,629	3,629	<b>18.42</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
	11	5,146	5,147	<b>13.90</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	12	5,494	5,495	<b>13.04</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
	13	6,657	6,657	<b>10.51</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	14	7,536	7,536	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	15	8,328	8,329	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	16	5,375	5,376	<b>13.33</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	17	5,575	5,576	<b>12.85</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	18	6,400	6,400	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	19	6,948	6,948	<b>9.94</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	20	9,338	9,338	<b>6.04</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	21	10,354	10,354	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	22	5,599	5,600	<b>12.79</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	23	5,789	5,790	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	24	6,820	6,820	<b>10.19</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	25	5,998	5,999	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	26	6,122	6,123	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	27	7,207	7,208	<b>9.46</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	28	7,529	7,529	<b>8.88</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	29	8,136	8,136	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	30	9,194	9,194	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	31	9,202	9,202	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	32	9,454	9,455	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	33	9,428	9,428	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	34	10,687	10,687	<b>4.26</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	35	7,390	7,391	<b>9.12</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	36	7,096	7,097	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	37	7,436	7,437	<b>9.04</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	38	8,620	8,620	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	39	8,330	8,331	<b>7.54</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	40	9,009	9,010	<b>6.51</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	41	9,121	9,122	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	42	9,439	9,440	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	43	9,470	9,470	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	44	10,056	10,057	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	45	10,592	10,592	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	46	11,112	11,113	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	47	12,042	12,043	<b>2.70</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	48	13,372	13,372	<b>1.33</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	49	14,376	14,377	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	50	14,950	14,950	<b>-0.12</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
	51	15,784	15,785	<b>-0.82</b>	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
	52	14,979	14,980	<b>-0.14</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	53	16,154	16,155	<b>-1.12</b>	108.5	0.00	95.17	-	-	0.00	0.00	-	0.00
	54	16,158	16,158	<b>-1.13</b>	108.5	0.00	95.17	-	-	0.00	0.00	-	0.00
	55	15,925	15,925	<b>-0.94</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
	56	16,909	16,909	<b>-1.71</b>	108.5	0.00	95.56	-	-	0.00	0.00	-	0.00
	57	16,104	16,104	<b>-1.08</b>	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
	58	16,024	16,024	<b>-1.02</b>	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
	59	17,400	17,400	<b>-2.09</b>	108.5	0.00	95.81	-	-	0.00	0.00	-	0.00
	60	17,787	17,787	<b>-2.37</b>	108.5	0.00	96.00	-	-	0.00	0.00	-	0.00
Sum		34.07											

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H350 H350

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,687	3,687	<b>18.22</b>	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
	2	3,652	3,652	<b>18.34</b>	108.5	0.00	82.25	-	-	0.00	0.00	-	0.00
	3	4,843	4,844	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	4	897	900	<b>35.42</b>	108.5	0.00	70.09	-	-	0.00	0.00	-	0.00
	5	1,457	1,460	<b>29.75</b>	108.5	0.00	74.29	-	-	0.00	0.00	-	0.00
	6	1,911	1,912	<b>26.41</b>	108.5	0.00	76.63	-	-	0.00	0.00	-	0.00
	7	1,926	1,928	<b>26.30</b>	108.5	0.00	76.70	-	-	0.00	0.00	-	0.00
	8	3,360	3,360	<b>19.39</b>	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
	9	3,215	3,216	<b>19.94</b>	108.5	0.00	81.15	-	-	0.00	0.00	-	0.00
	10	3,408	3,409	<b>19.21</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
	11	4,767	4,767	<b>14.91</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	12	5,280	5,281	<b>13.56</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	13	6,288	6,288	<b>11.26</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	14	7,209	7,209	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	15	7,983	7,984	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	16	5,362	5,363	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	17	5,494	5,494	<b>13.04</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
	18	6,273	6,273	<b>11.29</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	19	6,885	6,885	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	20	9,074	9,074	<b>6.42</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	21	10,051	10,051	<b>5.07</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	22	6,014	6,015	<b>11.85</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	23	6,146	6,147	<b>11.56</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	24	6,924	6,924	<b>9.99</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	25	6,288	6,289	<b>11.26</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	26	6,247	6,248	<b>11.35</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	27	7,361	7,361	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	28	7,577	7,577	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	29	8,074	8,075	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	30	9,162	9,163	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	31	9,123	9,123	<b>6.34</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	32	9,342	9,342	<b>6.03</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	33	9,240	9,241	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	34	10,453	10,453	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	35	7,871	7,872	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	36	7,521	7,521	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	37	7,804	7,805	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	38	8,879	8,879	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	39	8,449	8,449	<b>7.36</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	40	9,161	9,162	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	41	9,191	9,191	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	42	9,796	9,797	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	43	9,756	9,756	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	44	10,297	10,297	<b>4.75</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	45	11,024	11,025	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	46	11,515	11,515	<b>3.29</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	47	12,290	12,290	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	48	13,666	13,666	<b>1.05</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	49	14,571	14,571	<b>0.22</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	50	15,071	15,071	<b>-0.22</b>	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
	51	15,925	15,926	<b>-0.94</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
	52	15,219	15,219	<b>-0.35</b>	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	53	16,394	16,394	<b>-1.31</b>	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
	54	16,373	16,373	<b>-1.30</b>	108.5	0.00	95.28	-	-	0.00	0.00	-	0.00
	55	16,090	16,090	<b>-1.07</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	56	17,109	17,109	<b>-1.87</b>	108.5	0.00	95.66	-	-	0.00	0.00	-	0.00
	57	16,451	16,452	<b>-1.36</b>	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
	58	16,340	16,340	<b>-1.27</b>	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
	59	17,662	17,662	<b>-2.28</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	60	18,025	18,026	<b>-2.54</b>	108.5	0.00	96.12	-	-	0.00	0.00	-	0.00

Sum 37.82

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H351 H351

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,337	2,338	<b>23.82</b>	108.5	0.00	78.38	-	-	0.00	0.00	-	0.00
	2	2,015	2,016	<b>25.73</b>	108.5	0.00	77.09	-	-	0.00	0.00	-	0.00
	3	3,240	3,241	<b>19.84</b>	108.5	0.00	81.21	-	-	0.00	0.00	-	0.00
	4	1,098	1,102	<b>33.10</b>	108.5	0.00	71.84	-	-	0.00	0.00	-	0.00
	5	977	982	<b>34.43</b>	108.5	0.00	70.84	-	-	0.00	0.00	-	0.00
	6	607	612	<b>39.68</b>	108.5	0.00	66.74	-	-	0.00	0.00	-	0.00
	7	1,449	1,453	<b>29.81</b>	108.5	0.00	74.24	-	-	0.00	0.00	-	0.00
	8	1,843	1,844	<b>26.87</b>	108.5	0.00	76.32	-	-	0.00	0.00	-	0.00
	9	2,077	2,079	<b>25.34</b>	108.5	0.00	77.36	-	-	0.00	0.00	-	0.00
	10	2,594	2,595	<b>22.53</b>	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
	11	3,526	3,526	<b>18.78</b>	108.5	0.00	81.95	-	-	0.00	0.00	-	0.00
	12	4,289	4,290	<b>16.28</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
	13	5,003	5,004	<b>14.27</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
	14	5,963	5,964	<b>11.96</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	15	6,698	6,698	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	16	4,723	4,724	<b>15.02</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	17	4,723	4,724	<b>15.03</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	18	5,382	5,383	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	19	6,079	6,080	<b>11.71</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	20	7,888	7,888	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	21	8,798	8,798	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	22	6,149	6,150	<b>11.56</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	23	6,159	6,159	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	24	6,415	6,416	<b>10.99</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	25	6,162	6,163	<b>11.53</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	26	5,810	5,811	<b>12.30</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	27	6,928	6,928	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	28	6,943	6,944	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	29	7,233	7,233	<b>9.41</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	30	8,346	8,346	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	31	8,228	8,229	<b>7.71</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	32	8,388	8,388	<b>7.45</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	33	8,169	8,169	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	34	9,292	9,292	<b>6.10</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	35	8,066	8,067	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	36	7,610	7,611	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	37	7,770	7,771	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	38	8,598	8,599	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	39	7,915	7,916	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	40	8,671	8,672	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	41	8,551	8,551	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	42	9,686	9,686	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	43	9,505	9,506	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	44	9,949	9,949	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	45	11,047	11,048	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	46	11,467	11,468	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	47	11,924	11,924	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	48	13,373	13,373	<b>1.33</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	49	14,080	14,080	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	50	14,441	14,441	<b>0.33</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	51	15,325	15,325	<b>-0.44</b>	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
	52	14,806	14,806	<b>0.01</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	53	15,970	15,971	<b>-0.97</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
	54	15,905	15,905	<b>-0.92</b>	108.5	0.00	95.03	-	-	0.00	0.00	-	0.00
	55	15,532	15,532	<b>-0.61</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	56	16,606	16,607	<b>-1.48</b>	108.5	0.00	95.41	-	-	0.00	0.00	-	0.00
	57	16,239	16,239	<b>-1.19</b>	108.5	0.00	95.21	-	-	0.00	0.00	-	0.00
	58	16,067	16,067	<b>-1.05</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
	59	17,274	17,275	<b>-1.99</b>	108.5	0.00	95.75	-	-	0.00	0.00	-	0.00
	60	17,590	17,590	<b>-2.23</b>	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00

Sum 42.37

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H352 H352

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,412	2,413	<b>23.40</b>	108.5	0.00	78.65	-	-	0.00	0.00	-	0.00
	2	1,622	1,624	<b>28.45</b>	108.5	0.00	75.21	-	-	0.00	0.00	-	0.00
	3	2,926	2,927	<b>21.09</b>	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
	4	1,790	1,793	<b>27.22</b>	108.5	0.00	76.07	-	-	0.00	0.00	-	0.00
	5	1,657	1,660	<b>28.18</b>	108.5	0.00	75.40	-	-	0.00	0.00	-	0.00
	6	1,108	1,112	<b>33.00</b>	108.5	0.00	71.92	-	-	0.00	0.00	-	0.00
	7	2,069	2,072	<b>25.38</b>	108.5	0.00	77.33	-	-	0.00	0.00	-	0.00
	8	1,775	1,777	<b>27.33</b>	108.5	0.00	75.99	-	-	0.00	0.00	-	0.00
	9	2,344	2,345	<b>23.77</b>	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
	10	2,988	2,989	<b>20.83</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
	11	3,617	3,617	<b>18.46</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
	12	4,511	4,512	<b>15.62</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	13	5,014	5,015	<b>14.24</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	14	5,985	5,986	<b>11.91</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	15	6,679	6,680	<b>10.46</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	16	5,100	5,101	<b>14.02</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	17	5,043	5,044	<b>14.17</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	18	5,628	5,629	<b>12.72</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	19	6,354	6,355	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	20	7,926	7,926	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	21	8,782	8,782	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	22	6,738	6,739	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	23	6,719	6,720	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	24	6,811	6,812	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	25	6,686	6,687	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	26	6,241	6,241	<b>11.36</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	27	7,344	7,345	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	28	7,281	7,282	<b>9.32</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	29	7,474	7,474	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	30	8,587	8,587	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	31	8,432	8,432	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	32	8,559	8,559	<b>7.19</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	33	8,275	8,276	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	34	9,335	9,335	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	35	8,654	8,655	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	36	8,177	8,178	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	37	8,303	8,304	<b>7.59</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	38	9,051	9,052	<b>6.45</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	39	8,283	8,284	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	40	9,049	9,050	<b>6.45</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	41	8,869	8,870	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	42	10,185	10,186	<b>4.90</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	43	9,962	9,963	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	44	10,370	10,371	<b>4.66</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	45	11,578	11,579	<b>3.21</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	46	11,977	11,978	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	47	12,329	12,329	<b>2.39</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	48	13,798	13,798	<b>0.93</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	49	14,430	14,430	<b>0.34</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	50	14,733	14,733	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	51	15,627	15,627	<b>-0.69</b>	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
	52	15,183	15,184	<b>-0.32</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	53	16,341	16,342	<b>-1.27</b>	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
	54	16,258	16,259	<b>-1.21</b>	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
	55	15,851	15,851	<b>-0.88</b>	108.5	0.00	95.00	-	-	0.00	0.00	-	0.00
	56	16,945	16,945	<b>-1.74</b>	108.5	0.00	95.58	-	-	0.00	0.00	-	0.00
	57	16,683	16,684	<b>-1.54</b>	108.5	0.00	95.45	-	-	0.00	0.00	-	0.00
	58	16,492	16,492	<b>-1.39</b>	108.5	0.00	95.35	-	-	0.00	0.00	-	0.00
	59	17,655	17,656	<b>-2.28</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	60	17,952	17,953	<b>-2.49</b>	108.5	0.00	96.08	-	-	0.00	0.00	-	0.00

Sum 37.71

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H353 H353

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,172	2,173	<b>24.77</b>	108.5	0.00	77.74	-	-	0.00	0.00	-	0.00
	2	1,212	1,214	<b>31.96</b>	108.5	0.00	72.68	-	-	0.00	0.00	-	0.00
	3	2,522	2,523	<b>22.86</b>	108.5	0.00	79.04	-	-	0.00	0.00	-	0.00
	4	2,107	2,109	<b>25.15</b>	108.5	0.00	77.48	-	-	0.00	0.00	-	0.00
	5	1,880	1,883	<b>26.60</b>	108.5	0.00	76.50	-	-	0.00	0.00	-	0.00
	6	1,233	1,237	<b>31.74</b>	108.5	0.00	72.85	-	-	0.00	0.00	-	0.00
	7	2,207	2,210	<b>24.55</b>	108.5	0.00	77.89	-	-	0.00	0.00	-	0.00
	8	1,489	1,491	<b>29.50</b>	108.5	0.00	74.47	-	-	0.00	0.00	-	0.00
	9	2,214	2,216	<b>24.52</b>	108.5	0.00	77.91	-	-	0.00	0.00	-	0.00
	10	2,919	2,920	<b>21.12</b>	108.5	0.00	80.31	-	-	0.00	0.00	-	0.00
	11	3,357	3,358	<b>19.40</b>	108.5	0.00	81.52	-	-	0.00	0.00	-	0.00
	12	4,310	4,311	<b>16.21</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	13	4,705	4,706	<b>15.08</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	14	5,676	5,677	<b>12.61</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	15	6,351	6,351	<b>11.13</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	16	4,989	4,990	<b>14.31</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
	17	4,895	4,896	<b>14.56</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	18	5,432	5,433	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	19	6,171	6,172	<b>11.51</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	20	7,617	7,618	<b>8.73</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	21	8,450	8,450	<b>7.36</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	22	6,791	6,792	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	23	6,743	6,744	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	24	6,702	6,703	<b>10.42</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	25	6,677	6,678	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	26	6,160	6,160	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	27	7,248	7,249	<b>9.38</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	28	7,133	7,133	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	29	7,266	7,267	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	30	8,376	8,376	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	31	8,201	8,201	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	32	8,310	8,311	<b>7.57</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	33	7,997	7,997	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	34	9,025	9,026	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	35	8,700	8,701	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	36	8,202	8,203	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	37	8,297	8,297	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	38	8,977	8,978	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	39	8,150	8,151	<b>7.83</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	40	8,921	8,921	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	41	8,703	8,704	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	42	10,145	10,146	<b>4.95</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	43	9,888	9,889	<b>5.28</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	44	10,269	10,269	<b>4.79</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	45	11,563	11,564	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	46	11,943	11,943	<b>2.81</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	47	12,213	12,213	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	48	13,694	13,695	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	49	14,275	14,275	<b>0.48</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	50	14,542	14,542	<b>0.24</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	51	15,441	15,441	<b>-0.54</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	52	15,045	15,046	<b>-0.20</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	53	16,198	16,198	<b>-1.16</b>	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
	54	16,104	16,104	<b>-1.08</b>	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
	55	15,675	15,675	<b>-0.73</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
	56	16,780	16,781	<b>-1.62</b>	108.5	0.00	95.50	-	-	0.00	0.00	-	0.00
	57	16,592	16,592	<b>-1.47</b>	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
	58	16,386	16,386	<b>-1.31</b>	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
	59	17,518	17,519	<b>-2.17</b>	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
	60	17,802	17,803	<b>-2.38</b>	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00

Sum 38.06

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H354 H354

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,318	1,321	<b>30.96</b>	108.5	0.00	73.42	-	-	0.00	0.00	-	0.00
	2	757	760	<b>37.31</b>	108.5	0.00	68.62	-	-	0.00	0.00	-	0.00
	3	1,898	1,899	<b>26.49</b>	108.5	0.00	76.57	-	-	0.00	0.00	-	0.00
	4	2,238	2,240	<b>24.37</b>	108.5	0.00	78.01	-	-	0.00	0.00	-	0.00
	5	1,816	1,819	<b>27.04</b>	108.5	0.00	76.20	-	-	0.00	0.00	-	0.00
	6	1,124	1,128	<b>32.83</b>	108.5	0.00	72.05	-	-	0.00	0.00	-	0.00
	7	1,918	1,922	<b>26.34</b>	108.5	0.00	76.67	-	-	0.00	0.00	-	0.00
	8	631	636	<b>39.26</b>	108.5	0.00	67.07	-	-	0.00	0.00	-	0.00
	9	1,457	1,459	<b>29.76</b>	108.5	0.00	74.28	-	-	0.00	0.00	-	0.00
	10	2,214	2,216	<b>24.51</b>	108.5	0.00	77.91	-	-	0.00	0.00	-	0.00
	11	2,499	2,500	<b>22.97</b>	108.5	0.00	78.96	-	-	0.00	0.00	-	0.00
	12	3,466	3,467	<b>19.00</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
	13	3,862	3,863	<b>17.63</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	14	4,834	4,834	<b>14.72</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
	15	5,524	5,524	<b>12.97</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	16	4,206	4,207	<b>16.53</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	17	4,082	4,083	<b>16.92</b>	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
	18	4,588	4,588	<b>15.40</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	19	5,331	5,332	<b>13.44</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	20	6,775	6,775	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	21	7,626	7,627	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	22	6,201	6,203	<b>11.44</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	23	6,111	6,112	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	24	5,914	5,915	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	25	6,000	6,001	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	26	5,401	5,401	<b>13.27</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
	27	6,470	6,470	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	28	6,312	6,313	<b>11.21</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	29	6,415	6,416	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	30	7,523	7,524	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	31	7,344	7,344	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	32	7,452	7,452	<b>9.02</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	33	7,142	7,142	<b>9.58</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	34	8,184	8,184	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	35	8,090	8,091	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	36	7,563	7,564	<b>8.82</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	37	7,615	7,616	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	38	8,216	8,216	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	39	7,339	7,340	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	40	8,112	8,113	<b>7.89</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	41	7,870	7,870	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	42	9,418	9,418	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	43	9,126	9,127	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	44	9,480	9,481	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	45	10,863	10,864	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	46	11,219	11,220	<b>3.63</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	47	11,410	11,411	<b>3.41</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	48	12,901	12,902	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	49	13,444	13,445	<b>1.26</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	50	13,694	13,695	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	51	14,595	14,595	<b>0.20</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	52	14,226	14,226	<b>0.53</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	53	15,374	15,375	<b>-0.48</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
	54	15,274	15,274	<b>-0.39</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
	55	14,833	14,834	<b>-0.01</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
	56	15,945	15,945	<b>-0.95</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
	57	15,807	15,808	<b>-0.84</b>	108.5	0.00	94.98	-	-	0.00	0.00	-	0.00
	58	15,589	15,589	<b>-0.66</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	59	16,698	16,699	<b>-1.55</b>	108.5	0.00	95.45	-	-	0.00	0.00	-	0.00
	60	16,974	16,975	<b>-1.77</b>	108.5	0.00	95.60	-	-	0.00	0.00	-	0.00
Sum		43.15											

**DECIBEL - Detailed results**

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H355 H355

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,651	6,651	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	2	7,998	7,998	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	3	7,154	7,154	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	4	8,761	8,762	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	5	8,257	8,258	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	6	8,199	8,199	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	7	7,717	7,718	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	8	7,348	7,348	<b>9.20</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	9	6,729	6,729	<b>10.37</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	10	6,265	6,266	<b>11.31</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	11	5,491	5,491	<b>13.05</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	12	4,526	4,527	<b>15.58</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	13	4,484	4,485	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	14	3,725	3,726	<b>18.09</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
	15	3,620	3,620	<b>18.45</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
	16	4,269	4,270	<b>16.34</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	17	4,128	4,129	<b>16.77</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
	18	3,418	3,419	<b>19.17</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	19	2,737	2,739	<b>21.89</b>	108.5	0.00	79.75	-	-	0.00	0.00	-	0.00
	20	2,630	2,631	<b>22.37</b>	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
	21	3,236	3,237	<b>19.86</b>	108.5	0.00	81.20	-	-	0.00	0.00	-	0.00
	22	5,446	5,447	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	23	4,991	4,992	<b>14.30</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	24	3,016	3,018	<b>20.72</b>	108.5	0.00	80.59	-	-	0.00	0.00	-	0.00
	25	4,485	4,487	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	26	3,700	3,701	<b>18.17</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
	27	2,917	2,919	<b>21.13</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
	28	2,203	2,205	<b>24.58</b>	108.5	0.00	77.87	-	-	0.00	0.00	-	0.00
	29	1,566	1,569	<b>28.88</b>	108.5	0.00	74.91	-	-	0.00	0.00	-	0.00
	30	455	464	<b>42.62</b>	108.5	0.00	64.32	-	-	0.00	0.00	-	0.00
	31	731	737	<b>37.66</b>	108.5	0.00	68.35	-	-	0.00	0.00	-	0.00
	32	965	969	<b>34.58</b>	108.5	0.00	70.73	-	-	0.00	0.00	-	0.00
	33	1,780	1,782	<b>27.30</b>	108.5	0.00	76.02	-	-	0.00	0.00	-	0.00
	34	2,606	2,607	<b>22.48</b>	108.5	0.00	79.32	-	-	0.00	0.00	-	0.00
	35	5,535	5,536	<b>12.94</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	36	5,019	5,021	<b>14.23</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	37	4,427	4,428	<b>15.87</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
	38	3,152	3,154	<b>20.18</b>	108.5	0.00	80.98	-	-	0.00	0.00	-	0.00
	39	1,940	1,942	<b>26.21</b>	108.5	0.00	76.77	-	-	0.00	0.00	-	0.00
	40	1,988	1,991	<b>25.89</b>	108.5	0.00	76.98	-	-	0.00	0.00	-	0.00
	41	1,134	1,139	<b>32.72</b>	108.5	0.00	72.13	-	-	0.00	0.00	-	0.00
	42	4,295	4,296	<b>16.26</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	43	3,471	3,473	<b>18.98</b>	108.5	0.00	81.81	-	-	0.00	0.00	-	0.00
	44	3,094	3,097	<b>20.40</b>	108.5	0.00	80.82	-	-	0.00	0.00	-	0.00
	45	5,638	5,639	<b>12.70</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
	46	5,512	5,513	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	47	4,260	4,261	<b>16.36</b>	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
	48	5,748	5,749	<b>12.44</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	49	5,700	5,701	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	50	5,753	5,754	<b>12.43</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	51	6,665	6,666	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	52	6,603	6,604	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	53	7,673	7,674	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	54	7,495	7,496	<b>8.94</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	55	6,940	6,941	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	56	8,097	8,097	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	57	8,596	8,596	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	58	8,225	8,225	<b>7.71</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	59	9,014	9,015	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	60	9,199	9,200	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00

Sum 45.23

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H356 H356

WTG	No.	Distance [m]	Sound distance [m]	95% rated power										
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
	1	9,200	9,201	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00	
	2	10,194	10,195	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00	
	3	9,032	9,033	<b>6.48</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00	
	4	11,772	11,773	<b>3.00</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00	
	5	11,222	11,223	<b>3.62</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00	
	6	10,976	10,976	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00	
	7	10,745	10,746	<b>4.19</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00	
	8	9,798	9,799	<b>5.40</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00	
	9	9,504	9,505	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00	
	10	9,270	9,271	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00	
	11	8,003	8,004	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00	
	12	7,391	7,392	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00	
	13	6,559	6,560	<b>10.70</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00	
	14	5,588	5,589	<b>12.82</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00	
	15	4,929	4,931	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00	
	16	7,631	7,632	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00	
	17	7,342	7,343	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00	
	18	6,491	6,492	<b>10.84</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00	
	19	6,057	6,059	<b>11.75</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00	
	20	3,648	3,649	<b>18.35</b>	108.5	0.00	82.24	-	-	0.00	0.00	-	0.00	
	21	2,895	2,897	<b>21.22</b>	108.5	0.00	80.24	-	-	0.00	0.00	-	0.00	
	22	9,291	9,293	<b>6.10</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00	
	23	8,832	8,833	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00	
	24	6,767	6,768	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00	
	25	8,314	8,316	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00	
	26	7,394	7,395	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00	
	27	6,764	6,765	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00	
	28	5,947	5,949	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00	
	29	4,961	4,963	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00	
	30	4,190	4,192	<b>16.58</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00	
	31	3,937	3,939	<b>17.38</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00	
	32	3,571	3,573	<b>18.62</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00	
	33	3,444	3,446	<b>19.07</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00	
	34	2,239	2,242	<b>24.36</b>	108.5	0.00	78.01	-	-	0.00	0.00	-	0.00	
	35	9,379	9,381	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00	
	36	8,887	8,889	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00	
	37	8,285	8,287	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00	
	38	6,900	6,902	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00	
	39	5,817	5,819	<b>12.29</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00	
	40	5,732	5,734	<b>12.48</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00	
	41	4,961	4,963	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00	
	42	7,802	7,804	<b>8.41</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00	
	43	6,969	6,971	<b>9.90</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00	
	44	6,354	6,356	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00	
	45	8,856	8,858	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00	
	46	8,524	8,526	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00	
	47	6,472	6,474	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00	
	48	7,532	7,534	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00	
	49	6,432	6,434	<b>10.96</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00	
	50	5,618	5,620	<b>12.74</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00	
	51	6,412	6,414	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00	
	52	7,422	7,423	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00	
	53	8,108	8,109	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00	
	54	7,745	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00	
	55	6,853	6,855	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00	
	56	8,018	8,019	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00	
	57	9,775	9,777	<b>5.43</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00	
	58	9,234	9,235	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00	
	59	9,300	9,302	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00	
	60	9,220	9,221	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00	

Sum 30.82



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H357 H357

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,382	11,383	<b>3.44</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	2	12,472	12,472	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	3	11,353	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	4	13,827	13,827	<b>0.90</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	5	13,291	13,291	<b>1.41</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	6	13,110	13,110	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	7	12,784	12,785	<b>1.92</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	8	12,014	12,014	<b>2.73</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	9	11,623	11,624	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	10	11,303	11,304	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	11	10,175	10,176	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	12	9,444	9,444	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	13	8,797	8,798	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	14	7,832	7,833	<b>8.36</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	15	7,236	7,237	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	16	9,476	9,476	<b>5.84</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	17	9,255	9,256	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	18	8,442	8,443	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	19	7,889	7,890	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	20	5,904	5,905	<b>12.09</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	21	5,274	5,275	<b>13.58</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	22	10,659	10,660	<b>4.30</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	23	10,218	10,219	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	24	8,317	8,318	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	25	9,734	9,735	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	26	9,003	9,004	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	27	8,168	8,169	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	28	7,505	7,506	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	29	6,711	6,712	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	30	5,720	5,721	<b>12.51</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	31	5,639	5,640	<b>12.70</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	32	5,376	5,378	<b>13.32</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	33	5,515	5,516	<b>12.99</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	34	4,521	4,522	<b>15.59</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	35	10,340	10,341	<b>4.70</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	36	9,955	9,956	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	37	9,332	9,333	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	38	7,799	7,800	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	39	7,072	7,073	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	40	6,736	6,737	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	41	6,160	6,161	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	42	8,347	8,348	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	43	7,583	7,585	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	44	6,845	6,847	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	45	9,045	9,046	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	46	8,568	8,570	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	47	6,229	6,230	<b>11.38</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	48	6,844	6,845	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	49	5,280	5,282	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	50	4,111	4,113	<b>16.82</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	51	4,699	4,701	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
	52	6,167	6,168	<b>11.52</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	53	6,563	6,564	<b>10.69</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	54	6,139	6,140	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	55	5,170	5,171	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	56	6,219	6,221	<b>11.40</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	57	8,499	8,500	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	58	7,902	7,903	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	59	7,586	7,588	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	60	7,385	7,386	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00

Sum 27.64

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H358 H358

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,512	12,513	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
2	13,801	13,801	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
3	12,839	12,840	<b>1.86</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
4	14,615	14,616	<b>0.18</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
5	14,124	14,124	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
6	14,082	14,082	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
7	13,576	13,576	<b>1.14</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
8	13,200	13,200	<b>1.50</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
9	12,611	12,612	<b>2.10</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
10	12,139	12,139	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
11	11,332	11,332	<b>3.50</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
12	10,405	10,406	<b>4.62</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
13	10,162	10,162	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
14	9,265	9,265	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
15	8,851	8,852	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
16	10,091	10,092	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
17	9,994	9,994	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
18	9,301	9,301	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
19	8,612	8,612	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
20	7,511	7,512	<b>8.91</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
21	7,227	7,227	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
22	10,509	10,509	<b>4.49</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
23	10,122	10,122	<b>4.98</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
24	8,601	8,601	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
25	9,718	9,718	<b>5.51</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
26	9,305	9,305	<b>6.08</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
27	8,271	8,271	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
28	7,887	7,887	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
29	7,450	7,450	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
30	6,337	6,337	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
31	6,482	6,483	<b>10.86</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
32	6,397	6,398	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
33	6,864	6,865	<b>10.10</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
34	6,331	6,332	<b>11.17</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
35	9,685	9,685	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
36	9,461	9,462	<b>5.87</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
37	8,863	8,864	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
38	7,307	7,308	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
39	7,120	7,121	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
40	6,529	6,529	<b>10.76</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
41	6,293	6,293	<b>11.25</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
42	7,366	7,367	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
43	6,777	6,778	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
44	6,004	6,005	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
45	7,588	7,589	<b>8.77</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
46	6,995	6,996	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
47	4,632	4,633	<b>15.28</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
48	4,666	4,667	<b>15.18</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
49	2,817	2,819	<b>21.54</b>	108.5	0.00	80.00	-	-	0.00	0.00	-	0.00
50	1,454	1,457	<b>29.78</b>	108.5	0.00	74.27	-	-	0.00	0.00	-	0.00
51	1,844	1,846	<b>26.85</b>	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
52	3,523	3,524	<b>18.79</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
53	3,732	3,733	<b>18.06</b>	108.5	0.00	82.44	-	-	0.00	0.00	-	0.00
54	3,293	3,295	<b>19.64</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
55	2,315	2,318	<b>23.93</b>	108.5	0.00	78.30	-	-	0.00	0.00	-	0.00
56	3,356	3,357	<b>19.40</b>	108.5	0.00	81.52	-	-	0.00	0.00	-	0.00
57	5,755	5,756	<b>12.43</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
58	5,141	5,142	<b>13.91</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
59	4,718	4,720	<b>15.04</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
60	4,533	4,534	<b>15.56</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00

Sum 34.13

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H359 H359

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,101	10,101	<b>5.01</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
2	11,616	11,616	<b>3.17</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
3	11,471	11,471	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
4	10,477	10,478	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
5	10,255	10,256	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
6	10,661	10,661	<b>4.30</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
7	9,738	9,739	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
8	10,732	10,732	<b>4.21</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
9	9,713	9,713	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
10	8,942	8,942	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
11	9,475	9,475	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
12	8,399	8,399	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
13	9,500	9,500	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
14	9,290	9,290	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
15	9,639	9,639	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
16	7,221	7,221	<b>9.43</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
17	7,549	7,550	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
18	7,648	7,648	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
19	7,068	7,068	<b>9.72</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
20	9,136	9,136	<b>6.33</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
21	9,926	9,926	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
22	5,040	5,040	<b>14.18</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
23	5,053	5,054	<b>14.14</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
24	5,827	5,827	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
25	5,169	5,169	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
26	6,021	6,022	<b>11.83</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
27	5,281	5,281	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
28	6,037	6,038	<b>11.80</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
29	6,947	6,947	<b>9.94</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
30	6,710	6,710	<b>10.40</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
31	7,197	7,197	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
32	7,592	7,593	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
33	8,366	8,366	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
34	9,320	9,320	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
35	3,126	3,128	<b>20.28</b>	108.5	0.00	80.90	-	-	0.00	0.00	-	0.00
36	3,595	3,595	<b>18.54</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
37	3,588	3,588	<b>18.56</b>	108.5	0.00	82.10	-	-	0.00	0.00	-	0.00
38	3,770	3,771	<b>17.93</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
39	5,228	5,229	<b>13.69</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
40	4,786	4,787	<b>14.85</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
41	5,648	5,648	<b>12.68</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
42	2,439	2,440	<b>23.25</b>	108.5	0.00	78.75	-	-	0.00	0.00	-	0.00
43	3,248	3,249	<b>19.81</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
44	3,737	3,738	<b>18.05</b>	108.5	0.00	82.45	-	-	0.00	0.00	-	0.00
45	1,269	1,272	<b>31.42</b>	108.5	0.00	73.09	-	-	0.00	0.00	-	0.00
46	1,823	1,825	<b>27.00</b>	108.5	0.00	76.22	-	-	0.00	0.00	-	0.00
47	4,206	4,206	<b>16.53</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
48	4,486	4,486	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
49	6,314	6,314	<b>11.21</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
50	7,567	7,567	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
51	7,982	7,982	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
52	6,299	6,299	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
53	7,279	7,280	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
54	7,516	7,516	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
55	7,836	7,837	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
56	8,310	8,310	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
57	6,314	6,314	<b>11.21</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
58	6,476	6,477	<b>10.87</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
59	8,169	8,170	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
60	8,726	8,727	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00

Sum 34.93

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H360 H360

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,590	12,590	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
2	14,068	14,068	<b>0.67</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
3	13,407	13,407	<b>1.30</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
4	14,048	14,048	<b>0.69</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
5	13,652	13,653	<b>1.06</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
6	13,810	13,811	<b>0.91</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
7	13,085	13,085	<b>1.62</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
8	13,302	13,302	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
9	12,477	12,477	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
10	11,832	11,832	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
11	11,557	11,558	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
12	10,462	10,463	<b>4.54</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
13	10,811	10,811	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
14	10,124	10,124	<b>4.98</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
15	10,017	10,017	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
16	9,709	9,709	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
17	9,795	9,795	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
18	9,370	9,370	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
19	8,612	8,612	<b>7.10</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
20	8,884	8,884	<b>6.69</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
21	9,090	9,090	<b>6.39</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
22	9,004	9,004	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
23	8,742	8,742	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
24	8,001	8,001	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
25	8,508	8,508	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
26	8,605	8,605	<b>7.12</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
27	7,484	7,484	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
28	7,571	7,571	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
29	7,717	7,717	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
30	6,756	6,756	<b>10.31</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
31	7,143	7,143	<b>9.58</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
32	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
33	8,050	8,050	<b>8.00</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
34	8,194	8,194	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
35	7,580	7,581	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
36	7,616	7,616	<b>8.73</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
37	7,148	7,149	<b>9.57</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
38	5,893	5,894	<b>12.12</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
39	6,538	6,538	<b>10.75</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
40	5,766	5,766	<b>12.41</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
41	6,088	6,088	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
42	5,195	5,196	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
43	5,037	5,037	<b>14.18</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
44	4,479	4,480	<b>15.72</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
45	4,643	4,644	<b>15.25</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
46	3,979	3,980	<b>17.24</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
47	2,489	2,490	<b>23.01</b>	108.5	0.00	78.92	-	-	0.00	0.00	-	0.00
48	1,220	1,222	<b>31.88</b>	108.5	0.00	72.74	-	-	0.00	0.00	-	0.00
49	1,229	1,231	<b>31.80</b>	108.5	0.00	72.80	-	-	0.00	0.00	-	0.00
50	2,540	2,541	<b>22.78</b>	108.5	0.00	79.10	-	-	0.00	0.00	-	0.00
51	2,539	2,540	<b>22.78</b>	108.5	0.00	79.10	-	-	0.00	0.00	-	0.00
52	651	655	<b>38.94</b>	108.5	0.00	67.33	-	-	0.00	0.00	-	0.00
53	1,706	1,708	<b>27.83</b>	108.5	0.00	75.65	-	-	0.00	0.00	-	0.00
54	1,870	1,872	<b>26.68</b>	108.5	0.00	76.45	-	-	0.00	0.00	-	0.00
55	2,271	2,272	<b>24.19</b>	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
56	2,672	2,673	<b>22.18</b>	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
57	2,251	2,252	<b>24.30</b>	108.5	0.00	78.05	-	-	0.00	0.00	-	0.00
58	1,816	1,817	<b>27.05</b>	108.5	0.00	76.19	-	-	0.00	0.00	-	0.00
59	2,894	2,895	<b>21.22</b>	108.5	0.00	80.23	-	-	0.00	0.00	-	0.00
60	3,310	3,311	<b>19.57</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00

Sum 41.58

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H361 H361

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,517	13,517	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
2	14,992	14,992	<b>-0.15</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
3	14,316	14,316	<b>0.45</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
4	14,982	14,982	<b>-0.14</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
5	14,587	14,587	<b>0.20</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
6	14,745	14,745	<b>0.06</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
7	14,020	14,020	<b>0.72</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
8	14,229	14,229	<b>0.53</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
9	13,409	13,409	<b>1.30</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
10	12,766	12,766	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
11	12,478	12,478	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
12	11,387	11,387	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
13	11,708	11,708	<b>3.07</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
14	11,002	11,002	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
15	10,868	10,868	<b>4.04</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
16	10,643	10,643	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
17	10,725	10,725	<b>4.22</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
18	10,291	10,291	<b>4.76</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
19	9,533	9,533	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
20	9,705	9,705	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
21	9,855	9,855	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
22	9,914	9,915	<b>5.25</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
23	9,661	9,661	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
24	8,934	8,935	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
25	9,434	9,435	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
26	9,540	9,540	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
27	8,419	8,419	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
28	8,498	8,498	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
29	8,619	8,619	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
30	7,638	7,638	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
31	8,012	8,012	<b>8.06</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
32	8,152	8,153	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
33	8,882	8,882	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
34	8,947	8,947	<b>6.60</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
35	8,451	8,451	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
36	8,511	8,512	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
37	8,057	8,057	<b>7.98</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
38	6,823	6,824	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
39	7,468	7,468	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
40	6,697	6,697	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
41	7,001	7,001	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
42	6,088	6,089	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
43	5,961	5,961	<b>11.97</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
44	5,412	5,413	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
45	5,430	5,431	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
46	4,771	4,772	<b>14.89</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
47	3,424	3,424	<b>19.15</b>	108.5	0.00	81.69	-	-	0.00	0.00	-	0.00
48	2,086	2,088	<b>25.29</b>	108.5	0.00	77.39	-	-	0.00	0.00	-	0.00
49	1,747	1,748	<b>27.54</b>	108.5	0.00	75.85	-	-	0.00	0.00	-	0.00
50	2,756	2,757	<b>21.81</b>	108.5	0.00	79.81	-	-	0.00	0.00	-	0.00
51	2,426	2,427	<b>23.32</b>	108.5	0.00	78.70	-	-	0.00	0.00	-	0.00
52	747	751	<b>37.45</b>	108.5	0.00	68.51	-	-	0.00	0.00	-	0.00
53	935	938	<b>34.96</b>	108.5	0.00	70.44	-	-	0.00	0.00	-	0.00
54	1,273	1,275	<b>31.38</b>	108.5	0.00	73.11	-	-	0.00	0.00	-	0.00
55	2,028	2,030	<b>25.65</b>	108.5	0.00	77.15	-	-	0.00	0.00	-	0.00
56	2,001	2,002	<b>25.82</b>	108.5	0.00	77.03	-	-	0.00	0.00	-	0.00
57	1,639	1,641	<b>28.32</b>	108.5	0.00	75.30	-	-	0.00	0.00	-	0.00
58	1,068	1,071	<b>33.43</b>	108.5	0.00	71.59	-	-	0.00	0.00	-	0.00
59	1,973	1,975	<b>26.00</b>	108.5	0.00	76.91	-	-	0.00	0.00	-	0.00
60	2,431	2,432	<b>23.30</b>	108.5	0.00	78.72	-	-	0.00	0.00	-	0.00

Sum 42.02

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H362 H362

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,748	13,748	<b>0.97</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
2	15,268	15,268	<b>-0.39</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
3	14,751	14,751	<b>0.06</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
4	14,853	14,854	<b>-0.03</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
5	14,518	14,518	<b>0.26</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
6	14,770	14,770	<b>0.04</b>	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
7	13,959	13,959	<b>0.78</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
8	14,449	14,449	<b>0.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
9	13,543	13,543	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
10	12,840	12,840	<b>1.86</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
11	12,816	12,816	<b>1.89</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
12	11,693	11,693	<b>3.09</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
13	12,267	12,267	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
14	11,683	11,683	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
15	11,684	11,684	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
16	10,780	10,780	<b>4.15</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
17	10,946	10,946	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
18	10,660	10,660	<b>4.30</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
19	9,917	9,917	<b>5.25</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
20	10,657	10,657	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
21	10,988	10,989	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
22	9,519	9,520	<b>5.78</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
23	9,351	9,352	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
24	9,081	9,081	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
25	9,232	9,233	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
26	9,592	9,592	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
27	8,517	8,518	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
28	8,815	8,816	<b>6.80</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
29	9,186	9,187	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
30	8,353	8,353	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
31	8,790	8,791	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
32	9,017	9,017	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
33	9,805	9,806	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
34	10,120	10,120	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
35	7,818	7,818	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
36	8,029	8,030	<b>8.03</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
37	7,693	7,694	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
38	6,775	6,775	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
39	7,761	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
40	6,999	7,000	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
41	7,520	7,521	<b>8.89</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
42	5,702	5,703	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
43	5,863	5,864	<b>12.18</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
44	5,545	5,545	<b>12.92</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
45	4,591	4,592	<b>15.39</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
46	4,017	4,018	<b>17.12</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
47	3,822	3,823	<b>17.76</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
48	2,332	2,333	<b>23.84</b>	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
49	3,405	3,406	<b>19.22</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
50	4,664	4,665	<b>15.19</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
51	4,458	4,458	<b>15.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
52	2,582	2,583	<b>22.58</b>	108.5	0.00	79.24	-	-	0.00	0.00	-	0.00
53	2,846	2,848	<b>21.42</b>	108.5	0.00	80.09	-	-	0.00	0.00	-	0.00
54	3,268	3,269	<b>19.73</b>	108.5	0.00	81.29	-	-	0.00	0.00	-	0.00
55	4,071	4,072	<b>16.95</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
56	3,882	3,883	<b>17.56</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
57	1,147	1,150	<b>32.60</b>	108.5	0.00	72.21	-	-	0.00	0.00	-	0.00
58	1,488	1,490	<b>29.51</b>	108.5	0.00	74.46	-	-	0.00	0.00	-	0.00
59	3,218	3,219	<b>19.92</b>	108.5	0.00	81.16	-	-	0.00	0.00	-	0.00
60	3,838	3,839	<b>17.71</b>	108.5	0.00	82.68	-	-	0.00	0.00	-	0.00

Sum 36.17

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H363 H363

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,210	16,210	-1.17	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
2	17,663	17,663	-2.28	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
3	16,930	16,930	-1.73	108.5	0.00	95.57	-	-	0.00	0.00	-	0.00
4	17,746	17,746	-2.34	108.5	0.00	95.98	-	-	0.00	0.00	-	0.00
5	17,344	17,344	-2.04	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
6	17,486	17,486	-2.15	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
7	16,776	16,776	-1.61	108.5	0.00	95.49	-	-	0.00	0.00	-	0.00
8	16,923	16,923	-1.73	108.5	0.00	95.57	-	-	0.00	0.00	-	0.00
9	16,129	16,129	-1.10	108.5	0.00	95.15	-	-	0.00	0.00	-	0.00
10	15,502	15,502	-0.59	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
11	15,141	15,141	-0.28	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
12	14,067	14,067	0.68	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
13	14,283	14,283	0.48	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
14	13,522	13,522	1.19	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
15	13,307	13,308	1.40	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
16	13,373	13,373	1.33	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
17	13,436	13,436	1.27	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
18	12,959	12,959	1.74	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
19	12,202	12,202	2.53	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
20	12,069	12,069	2.67	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
21	12,060	12,060	2.68	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
22	12,685	12,685	2.02	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
23	12,435	12,436	2.28	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
24	11,673	11,673	3.11	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
25	12,209	12,210	2.52	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
26	12,292	12,292	2.43	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
27	11,169	11,169	3.69	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
28	11,199	11,199	3.65	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
29	11,228	11,229	3.62	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
30	10,196	10,196	4.88	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
31	10,526	10,526	4.46	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
32	10,612	10,612	4.36	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
33	11,284	11,284	3.55	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
34	11,139	11,139	3.72	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
35	11,184	11,184	3.67	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
36	11,270	11,270	3.57	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
37	10,826	10,826	4.09	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
38	9,596	9,596	5.68	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
39	10,186	10,186	4.90	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
40	9,421	9,421	5.92	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
41	9,657	9,657	5.60	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
42	8,848	8,848	6.75	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
43	8,736	8,737	6.92	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
44	8,178	8,178	7.79	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
45	8,079	8,079	7.95	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
46	7,435	7,435	9.05	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
47	6,185	6,185	11.48	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
48	4,850	4,850	14.68	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
49	4,108	4,109	16.84	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
50	4,375	4,375	16.02	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
51	3,538	3,539	18.74	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
52	3,286	3,287	19.67	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
53	2,142	2,143	24.95	108.5	0.00	77.62	-	-	0.00	0.00	-	0.00
54	2,328	2,329	23.86	108.5	0.00	78.35	-	-	0.00	0.00	-	0.00
55	3,106	3,107	20.36	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
56	1,935	1,936	26.25	108.5	0.00	76.74	-	-	0.00	0.00	-	0.00
57	2,673	2,674	22.18	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
58	2,398	2,399	23.48	108.5	0.00	78.60	-	-	0.00	0.00	-	0.00
59	814	817	36.51	108.5	0.00	69.25	-	-	0.00	0.00	-	0.00
60	748	752	37.44	108.5	0.00	68.52	-	-	0.00	0.00	-	0.00

Sum 40.75

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H364 H364

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,678	2,679	<b>22.15</b>	108.5	0.00	79.56	-	-	0.00	0.00	-	0.00
	2	1,414	1,416	<b>30.12</b>	108.5	0.00	74.02	-	-	0.00	0.00	-	0.00
	3	2,673	2,674	<b>22.18</b>	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
	4	2,622	2,624	<b>22.40</b>	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
	5	2,467	2,470	<b>23.11</b>	108.5	0.00	78.85	-	-	0.00	0.00	-	0.00
	6	1,853	1,856	<b>26.78</b>	108.5	0.00	76.37	-	-	0.00	0.00	-	0.00
	7	2,830	2,832	<b>21.49</b>	108.5	0.00	80.04	-	-	0.00	0.00	-	0.00
	8	1,968	1,970	<b>26.03</b>	108.5	0.00	76.89	-	-	0.00	0.00	-	0.00
	9	2,803	2,805	<b>21.60</b>	108.5	0.00	79.96	-	-	0.00	0.00	-	0.00
	10	3,530	3,531	<b>18.77</b>	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
	11	3,821	3,822	<b>17.76</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	12	4,829	4,829	<b>14.74</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
	13	5,080	5,080	<b>14.07</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	14	6,043	6,044	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	15	6,678	6,679	<b>10.46</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	16	5,571	5,572	<b>12.86</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	17	5,454	5,455	<b>13.14</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	18	5,949	5,950	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	19	6,696	6,697	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	20	7,977	7,978	<b>8.12</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	21	8,761	8,762	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	22	7,424	7,425	<b>9.06</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	23	7,373	7,374	<b>9.15</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	24	7,282	7,283	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	25	7,300	7,301	<b>9.29</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	26	6,756	6,757	<b>10.31</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	27	7,834	7,835	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	28	7,684	7,685	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	29	7,765	7,765	<b>8.47</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	30	8,868	8,869	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	31	8,671	8,672	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	32	8,759	8,760	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	33	8,404	8,405	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	34	9,379	9,380	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	35	9,333	9,334	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	36	8,832	8,833	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	37	8,920	8,921	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	38	9,573	9,574	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	39	8,712	8,713	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	40	9,485	9,486	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	41	9,238	9,239	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	42	10,756	10,757	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	43	10,484	10,485	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	44	10,849	10,850	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	45	12,183	12,184	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	46	12,555	12,556	<b>2.16</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	47	12,783	12,783	<b>1.92</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	48	14,272	14,272	<b>0.49</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	49	14,814	14,814	<b>0.00</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	50	15,048	15,048	<b>-0.20</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	51	15,951	15,951	<b>-0.96</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00
	52	15,598	15,598	<b>-0.67</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	53	16,746	16,746	<b>-1.59</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
	54	16,643	16,643	<b>-1.51</b>	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
	55	16,194	16,195	<b>-1.15</b>	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
	56	17,310	17,310	<b>-2.02</b>	108.5	0.00	95.77	-	-	0.00	0.00	-	0.00
	57	17,176	17,176	<b>-1.92</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
	58	16,960	16,961	<b>-1.75</b>	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
	59	18,070	18,071	<b>-2.58</b>	108.5	0.00	96.14	-	-	0.00	0.00	-	0.00
	60	18,344	18,345	<b>-2.77</b>	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
Sum		35.23											



Project:

**20162030 Westwood Red Pine**

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H365 H365

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,535	2,537	<b>22.80</b>	108.5	0.00	79.09	-	-	0.00	0.00	-	0.00
	2	1,143	1,146	<b>32.64</b>	108.5	0.00	72.19	-	-	0.00	0.00	-	0.00
	3	2,347	2,348	<b>23.76</b>	108.5	0.00	78.42	-	-	0.00	0.00	-	0.00
	4	2,867	2,869	<b>21.33</b>	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
	5	2,651	2,654	<b>22.27</b>	108.5	0.00	79.48	-	-	0.00	0.00	-	0.00
	6	1,992	1,995	<b>25.87</b>	108.5	0.00	77.00	-	-	0.00	0.00	-	0.00
	7	2,957	2,959	<b>20.96</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
	8	1,824	1,826	<b>26.99</b>	108.5	0.00	76.23	-	-	0.00	0.00	-	0.00
	9	2,747	2,749	<b>21.85</b>	108.5	0.00	79.78	-	-	0.00	0.00	-	0.00
	10	3,501	3,502	<b>18.87</b>	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
	11	3,630	3,631	<b>18.41</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
	12	4,675	4,676	<b>15.16</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	13	4,827	4,828	<b>14.74</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	14	5,783	5,783	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	15	6,397	6,398	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	16	5,484	5,486	<b>13.06</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	17	5,339	5,340	<b>13.42</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
	18	5,789	5,790	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	19	6,542	6,543	<b>10.74</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	20	7,709	7,709	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	21	8,470	8,470	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	22	7,459	7,461	<b>9.00</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	23	7,385	7,386	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	24	7,187	7,188	<b>9.49</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	25	7,286	7,287	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	26	6,686	6,687	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	27	7,747	7,748	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	28	7,554	7,555	<b>8.83</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	29	7,585	7,585	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	30	8,681	8,682	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	31	8,468	8,468	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	32	8,541	8,541	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	33	8,161	8,161	<b>7.81</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	34	9,106	9,107	<b>6.37</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	35	9,358	9,359	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	36	8,841	8,842	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	37	8,903	8,904	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	38	9,498	9,499	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	39	8,591	8,592	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	40	9,365	9,366	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	41	9,088	9,088	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	42	10,707	10,708	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	43	10,408	10,409	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	44	10,749	10,750	<b>4.19</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	45	12,153	12,154	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	46	12,509	12,510	<b>2.20</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	47	12,667	12,668	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	48	14,165	14,165	<b>0.58</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	49	14,662	14,663	<b>0.14</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	50	14,866	14,866	<b>-0.04</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	51	15,772	15,773	<b>-0.81</b>	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
	52	15,461	15,461	<b>-0.55</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	53	16,603	16,603	<b>-1.48</b>	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
	54	16,490	16,491	<b>-1.39</b>	108.5	0.00	95.34	-	-	0.00	0.00	-	0.00
	55	16,024	16,025	<b>-1.02</b>	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
	56	17,149	17,149	<b>-1.90</b>	108.5	0.00	95.68	-	-	0.00	0.00	-	0.00
	57	17,076	17,077	<b>-1.84</b>	108.5	0.00	95.65	-	-	0.00	0.00	-	0.00
	58	16,849	16,849	<b>-1.67</b>	108.5	0.00	95.53	-	-	0.00	0.00	-	0.00
	59	17,931	17,932	<b>-2.48</b>	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
	60	18,194	18,195	<b>-2.67</b>	108.5	0.00	96.20	-	-	0.00	0.00	-	0.00
Sum	36.23												



Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H367 H367

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,606	2,608	<b>22.47</b>	108.5	0.00	79.33	-	-	0.00	0.00	-	0.00
	2	1,650	1,653	<b>28.23</b>	108.5	0.00	75.36	-	-	0.00	0.00	-	0.00
	3	1,009	1,013	<b>34.07</b>	108.5	0.00	71.11	-	-	0.00	0.00	-	0.00
	4	4,630	4,632	<b>15.28</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	5	4,209	4,211	<b>16.52</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	6	3,522	3,524	<b>18.79</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
	7	4,234	4,236	<b>16.44</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	8	2,280	2,282	<b>24.13</b>	108.5	0.00	78.17	-	-	0.00	0.00	-	0.00
	9	3,217	3,219	<b>19.92</b>	108.5	0.00	81.15	-	-	0.00	0.00	-	0.00
	10	3,918	3,920	<b>17.44</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
	11	3,006	3,008	<b>20.76</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
	12	4,110	4,111	<b>16.83</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	13	3,512	3,513	<b>18.83</b>	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
	14	4,324	4,325	<b>16.17</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
	15	4,746	4,747	<b>14.96</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	16	5,258	5,260	<b>13.62</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	17	4,944	4,945	<b>14.43</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	18	5,054	5,055	<b>14.14</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	19	5,785	5,787	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	20	6,100	6,101	<b>11.66</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	21	6,679	6,680	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	22	7,826	7,827	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	23	7,621	7,622	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	24	6,774	6,775	<b>10.28</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	25	7,368	7,369	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	26	6,465	6,466	<b>10.89</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	27	7,354	7,355	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	28	6,896	6,897	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	29	6,593	6,594	<b>10.63</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	30	7,599	7,599	<b>8.76</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	31	7,282	7,283	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	32	7,251	7,252	<b>9.38</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	33	6,710	6,711	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	34	7,429	7,430	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	35	9,587	9,589	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	36	8,992	8,993	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	37	8,894	8,895	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	38	9,111	9,112	<b>6.36</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	39	7,946	7,947	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	40	8,701	8,702	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	41	8,233	8,234	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	42	10,446	10,447	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	43	9,984	9,985	<b>5.16</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	44	10,168	10,169	<b>4.92</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	45	11,973	11,974	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	46	12,219	12,220	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	47	11,946	11,947	<b>2.81</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	48	13,474	13,475	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	49	13,687	13,688	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	50	13,696	13,697	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	51	14,614	14,615	<b>0.18</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	52	14,563	14,564	<b>0.22</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	53	15,658	15,658	<b>-0.72</b>	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
	54	15,488	15,489	<b>-0.58</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
	55	14,916	14,916	<b>-0.09</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
	56	16,084	16,085	<b>-1.07</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	57	16,396	16,397	<b>-1.32</b>	108.5	0.00	95.30	-	-	0.00	0.00	-	0.00
	58	16,096	16,096	<b>-1.08</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	59	16,999	17,000	<b>-1.78</b>	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
	60	17,193	17,194	<b>-1.93</b>	108.5	0.00	95.71	-	-	0.00	0.00	-	0.00

Sum 36.65

windPRO created by EMD International A/S, Tel: +45 96 35 44 44, www.emd.dk, windpro@emd.dk

7/5/2016 4:16 PM / 200



Project:

20162030 Westwood Red Pine

Licensed user:

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### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H369 H369

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,625	2,627	<b>22.39</b>	108.5	0.00	79.39	-	-	0.00	0.00	-	0.00
	2	1,993	1,995	<b>25.86</b>	108.5	0.00	77.00	-	-	0.00	0.00	-	0.00
	3	942	946	<b>34.85</b>	108.5	0.00	70.52	-	-	0.00	0.00	-	0.00
	4	4,928	4,930	<b>14.47</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	5	4,468	4,470	<b>15.74</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
	6	3,805	3,807	<b>17.81</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	7	4,424	4,426	<b>15.87</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
	8	2,450	2,452	<b>23.19</b>	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
	9	3,275	3,277	<b>19.70</b>	108.5	0.00	81.31	-	-	0.00	0.00	-	0.00
	10	3,914	3,915	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	11	2,785	2,787	<b>21.68</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
	12	3,841	3,843	<b>17.69</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
	13	3,072	3,073	<b>20.50</b>	108.5	0.00	80.75	-	-	0.00	0.00	-	0.00
	14	3,833	3,834	<b>17.72</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
	15	4,213	4,215	<b>16.51</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	16	5,037	5,038	<b>14.18</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	17	4,690	4,691	<b>15.12</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
	18	4,713	4,714	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	19	5,425	5,426	<b>13.21</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	20	5,566	5,567	<b>12.87</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	21	6,120	6,121	<b>11.62</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	22	7,700	7,702	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	23	7,466	7,467	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	24	6,477	6,478	<b>10.87</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	25	7,180	7,181	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	26	6,218	6,219	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	27	7,053	7,054	<b>9.74</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	28	6,541	6,543	<b>10.74</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	29	6,170	6,171	<b>11.51</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	30	7,148	7,149	<b>9.56</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	31	6,814	6,815	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	32	6,764	6,765	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	33	6,198	6,199	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	34	6,881	6,882	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	35	9,410	9,411	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	36	8,800	8,802	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	37	8,666	8,667	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	38	8,795	8,796	<b>6.83</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	39	7,583	7,584	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	40	8,328	8,329	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	41	7,823	7,824	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	42	10,148	10,149	<b>4.94</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	43	9,654	9,655	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	44	9,803	9,804	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	45	11,685	11,686	<b>3.09</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	46	11,906	11,907	<b>2.85</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	47	11,544	11,545	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	48	13,073	13,074	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	49	13,232	13,233	<b>1.47</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	50	13,208	13,209	<b>1.50</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	51	14,127	14,127	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	52	14,120	14,121	<b>0.63</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	53	15,204	15,205	<b>-0.34</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	54	15,026	15,026	<b>-0.18</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
	55	14,436	14,436	<b>0.34</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	56	15,610	15,610	<b>-0.68</b>	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	57	15,991	15,991	<b>-0.99</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
	58	15,676	15,677	<b>-0.73</b>	108.5	0.00	94.91	-	-	0.00	0.00	-	0.00
	59	16,546	16,546	<b>-1.43</b>	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
	60	16,728	16,728	<b>-1.58</b>	108.5	0.00	95.47	-	-	0.00	0.00	-	0.00
	Sum	36.91											

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H370 H370

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,847	3,849	<b>17.67</b>	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
	2	3,480	3,482	<b>18.94</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
	3	2,289	2,291	<b>24.08</b>	108.5	0.00	78.20	-	-	0.00	0.00	-	0.00
	4	6,370	6,371	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	5	5,885	5,887	<b>12.13</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	6	5,246	5,248	<b>13.65</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	7	5,779	5,781	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	8	3,836	3,837	<b>17.71</b>	108.5	0.00	82.68	-	-	0.00	0.00	-	0.00
	9	4,511	4,513	<b>15.62</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	10	5,037	5,038	<b>14.18</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	11	3,598	3,599	<b>18.53</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	12	4,443	4,445	<b>15.82</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	13	3,203	3,205	<b>19.98</b>	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
	14	3,634	3,635	<b>18.40</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	15	3,725	3,726	<b>18.09</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
	16	5,687	5,689	<b>12.58</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
	17	5,275	5,277	<b>13.57</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	18	5,051	5,053	<b>14.14</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	19	5,662	5,664	<b>12.64</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	20	4,994	4,995	<b>14.29</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	21	5,306	5,307	<b>13.50</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	22	8,497	8,498	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	23	8,201	8,202	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	24	6,872	6,873	<b>10.08</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	25	7,843	7,844	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	26	6,760	6,761	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	27	7,422	7,423	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	28	6,756	6,757	<b>10.31</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	29	6,148	6,149	<b>11.56</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	30	6,981	6,982	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	31	6,577	6,578	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	32	6,434	6,435	<b>10.96</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
	33	5,749	5,750	<b>12.44</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	34	6,159	6,160	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	35	10,060	10,061	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	36	9,427	9,428	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	37	9,201	9,202	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	38	9,077	9,078	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	39	7,740	7,741	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	40	8,433	8,434	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	41	7,807	7,808	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	42	10,465	10,466	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	43	9,877	9,879	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	44	9,910	9,911	<b>5.25</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	45	12,014	12,015	<b>2.73</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	46	12,156	12,157	<b>2.58</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	47	11,498	11,498	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	48	13,016	13,017	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	49	12,958	12,959	<b>1.74</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	50	12,781	12,782	<b>1.92</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	51	13,695	13,696	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	52	13,891	13,892	<b>0.84</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	53	14,924	14,924	<b>-0.09</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
	54	14,704	14,705	<b>0.10</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	55	14,039	14,040	<b>0.70</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	56	15,232	15,233	<b>-0.36</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
	57	15,896	15,897	<b>-0.91</b>	108.5	0.00	95.03	-	-	0.00	0.00	-	0.00
	58	15,533	15,533	<b>-0.61</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
	59	16,258	16,259	<b>-1.21</b>	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
	60	16,386	16,387	<b>-1.31</b>	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00

Sum 31.02

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H371 H371

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,023	4,025	<b>17.10</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
	2	3,744	3,746	<b>18.02</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
	3	2,519	2,522	<b>22.87</b>	108.5	0.00	79.03	-	-	0.00	0.00	-	0.00
	4	6,602	6,604	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	5	6,107	6,109	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	6	5,481	5,482	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	7	5,980	5,982	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	8	4,055	4,057	<b>17.00</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	9	4,684	4,685	<b>15.13</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	10	5,176	5,178	<b>13.82</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
	11	3,685	3,687	<b>18.22</b>	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
	12	4,470	4,472	<b>15.74</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
	13	3,156	3,158	<b>20.16</b>	108.5	0.00	80.99	-	-	0.00	0.00	-	0.00
	14	3,507	3,508	<b>18.85</b>	108.5	0.00	81.90	-	-	0.00	0.00	-	0.00
	15	3,537	3,538	<b>18.74</b>	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
	16	5,711	5,713	<b>12.53</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	17	5,288	5,290	<b>13.54</b>	108.5	0.00	85.47	-	-	0.00	0.00	-	0.00
	18	5,014	5,016	<b>14.24</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	19	5,598	5,599	<b>12.79</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	20	4,777	4,778	<b>14.88</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	21	5,046	5,047	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	22	8,538	8,540	<b>7.22</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	23	8,230	8,231	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	24	6,832	6,833	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	25	7,857	7,858	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	26	6,753	6,754	<b>10.32</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	27	7,373	7,375	<b>9.15</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	28	6,679	6,680	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	29	6,027	6,028	<b>11.82</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	30	6,827	6,828	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	31	6,411	6,413	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	32	6,252	6,254	<b>11.33</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	33	5,549	5,551	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	34	5,910	5,911	<b>12.08</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	35	10,062	10,064	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	36	9,426	9,427	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	37	9,181	9,182	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	38	9,004	9,005	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	39	7,646	7,647	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	40	8,325	8,327	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	41	7,678	7,679	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	42	10,395	10,396	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	43	9,789	9,790	<b>5.42</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	44	9,798	9,799	<b>5.40</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	45	11,942	11,943	<b>2.81</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	46	12,068	12,069	<b>2.67</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	47	11,352	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	48	12,867	12,867	<b>1.84</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	49	12,769	12,770	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	50	12,566	12,567	<b>2.14</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	51	13,478	13,479	<b>1.23</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	52	13,709	13,709	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	53	14,731	14,732	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	54	14,504	14,505	<b>0.28</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	55	13,827	13,828	<b>0.90</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	56	15,023	15,024	<b>-0.18</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
	57	15,736	15,736	<b>-0.78</b>	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
	58	15,364	15,365	<b>-0.47</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
	59	16,064	16,064	<b>-1.05</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
	60	16,182	16,183	<b>-1.14</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00

Sum 30.76

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H372 H372

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,920	3,921	<b>17.44</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
	2	2,761	2,763	<b>21.79</b>	108.5	0.00	79.83	-	-	0.00	0.00	-	0.00
	3	4,009	4,011	<b>17.15</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
	4	2,904	2,907	<b>21.17</b>	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
	5	3,013	3,016	<b>20.73</b>	108.5	0.00	80.59	-	-	0.00	0.00	-	0.00
	6	2,628	2,631	<b>22.37</b>	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
	7	3,520	3,522	<b>18.80</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
	8	3,233	3,234	<b>19.86</b>	108.5	0.00	81.20	-	-	0.00	0.00	-	0.00
	9	3,916	3,917	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	10	4,563	4,565	<b>15.47</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
	11	5,102	5,103	<b>14.01</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
	12	6,055	6,056	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	13	6,411	6,412	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	14	7,378	7,379	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	15	8,023	8,023	<b>8.04</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	16	6,677	6,678	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	17	6,614	6,615	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	18	7,176	7,177	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	19	7,910	7,911	<b>8.23</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	20	9,316	9,316	<b>6.07</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	21	10,108	10,108	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	22	8,219	8,220	<b>7.72</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	23	8,231	8,232	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	24	8,388	8,389	<b>7.45</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	25	8,226	8,227	<b>7.71</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	26	7,815	7,816	<b>8.39</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	27	8,920	8,921	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	28	8,853	8,854	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	29	9,013	9,014	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	30	10,123	10,124	<b>4.98</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	31	9,948	9,949	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	32	10,055	10,055	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	33	9,725	9,726	<b>5.50</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	34	10,720	10,720	<b>4.22</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	35	10,135	10,136	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	36	9,683	9,684	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	37	9,837	9,838	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	38	10,622	10,623	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	39	9,858	9,859	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	40	10,625	10,626	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	41	10,435	10,436	<b>4.58</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	42	11,740	11,741	<b>3.03</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	43	11,532	11,533	<b>3.27</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	44	11,946	11,947	<b>2.81</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	45	13,114	13,115	<b>1.59</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	46	13,527	13,528	<b>1.18</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	47	13,906	13,906	<b>0.82</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	48	15,374	15,374	<b>-0.48</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
	49	16,001	16,001	<b>-1.00</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
	50	16,286	16,286	<b>-1.23</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	51	17,183	17,183	<b>-1.92</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
	52	16,758	16,759	<b>-1.60</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
	53	17,915	17,916	<b>-2.47</b>	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
	54	17,829	17,830	<b>-2.40</b>	108.5	0.00	96.02	-	-	0.00	0.00	-	0.00
	55	17,413	17,413	<b>-2.10</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
	56	18,512	18,513	<b>-2.89</b>	108.5	0.00	96.35	-	-	0.00	0.00	-	0.00
	57	18,257	18,258	<b>-2.71</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
	58	18,068	18,069	<b>-2.58</b>	108.5	0.00	96.14	-	-	0.00	0.00	-	0.00
	59	19,231	19,231	<b>-3.38</b>	108.5	0.00	96.68	-	-	0.00	0.00	-	0.00
	60	19,525	19,526	<b>-3.58</b>	108.5	0.00	96.81	-	-	0.00	0.00	-	0.00

Sum 30.63



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H373 H373

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,907	3,908	<b>17.48</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
	2	2,526	2,529	<b>22.83</b>	108.5	0.00	79.06	-	-	0.00	0.00	-	0.00
	3	3,636	3,638	<b>18.39</b>	108.5	0.00	82.22	-	-	0.00	0.00	-	0.00
	4	3,500	3,503	<b>18.87</b>	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
	5	3,494	3,497	<b>18.89</b>	108.5	0.00	81.87	-	-	0.00	0.00	-	0.00
	6	2,977	2,980	<b>20.87</b>	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
	7	3,937	3,940	<b>17.37</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
	8	3,194	3,196	<b>20.01</b>	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
	9	4,045	4,046	<b>17.03</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	10	4,763	4,764	<b>14.91</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	11	5,021	5,022	<b>14.22</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	12	6,055	6,056	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	13	6,202	6,202	<b>11.44</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	14	7,150	7,151	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	15	7,739	7,740	<b>8.51</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	16	6,814	6,815	<b>10.20</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	17	6,695	6,696	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	18	7,172	7,173	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	19	7,923	7,924	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	20	9,065	9,065	<b>6.43</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	21	9,791	9,792	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	22	8,604	8,605	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	23	8,573	8,574	<b>7.16</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	24	8,525	8,526	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	25	8,519	8,520	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	26	7,997	7,998	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	27	9,077	9,078	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	28	8,922	8,923	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	29	8,975	8,976	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	30	10,073	10,073	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	31	9,859	9,860	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	32	9,930	9,931	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	33	9,538	9,539	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	34	10,455	10,455	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	35	10,518	10,520	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	36	10,032	10,033	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	37	10,138	10,139	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	38	10,814	10,815	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	39	9,952	9,953	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	40	10,725	10,726	<b>4.22</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	41	10,468	10,468	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	42	11,989	11,990	<b>2.76</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	43	11,726	11,727	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	44	12,092	12,093	<b>2.65</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	45	13,407	13,408	<b>1.30</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
	46	13,788	13,789	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	47	14,024	14,025	<b>0.71</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	48	15,514	15,515	<b>-0.60</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	49	16,043	16,044	<b>-1.03</b>	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
	50	16,257	16,257	<b>-1.20</b>	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
	51	17,163	17,163	<b>-1.91</b>	108.5	0.00	95.69	-	-	0.00	0.00	-	0.00
	52	16,834	16,834	<b>-1.66</b>	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
	53	17,979	17,980	<b>-2.51</b>	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
	54	17,872	17,872	<b>-2.43</b>	108.5	0.00	96.04	-	-	0.00	0.00	-	0.00
	55	17,413	17,413	<b>-2.10</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
	56	18,534	18,535	<b>-2.91</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
	57	18,418	18,419	<b>-2.82</b>	108.5	0.00	96.31	-	-	0.00	0.00	-	0.00
	58	18,202	18,203	<b>-2.67</b>	108.5	0.00	96.20	-	-	0.00	0.00	-	0.00
	59	19,305	19,306	<b>-3.44</b>	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
	60	19,575	19,575	<b>-3.61</b>	108.5	0.00	96.83	-	-	0.00	0.00	-	0.00

Sum 30.18

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H374 H374

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,170	4,171	<b>16.64</b>	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
	2	3,212	3,214	<b>19.95</b>	108.5	0.00	81.14	-	-	0.00	0.00	-	0.00
	3	4,508	4,508	<b>15.63</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	4	2,611	2,614	<b>22.44</b>	108.5	0.00	79.35	-	-	0.00	0.00	-	0.00
	5	2,849	2,852	<b>21.40</b>	108.5	0.00	80.10	-	-	0.00	0.00	-	0.00
	6	2,629	2,632	<b>22.36</b>	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
	7	3,400	3,403	<b>19.23</b>	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
	8	3,528	3,529	<b>18.77</b>	108.5	0.00	81.95	-	-	0.00	0.00	-	0.00
	9	4,050	4,052	<b>17.01</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	10	4,617	4,618	<b>15.32</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	11	5,375	5,376	<b>13.33</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	12	6,248	6,249	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	13	6,762	6,763	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	14	7,734	7,734	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	15	8,414	8,414	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	16	6,747	6,748	<b>10.33</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	17	6,733	6,734	<b>10.36</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	18	7,358	7,359	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	19	8,073	8,073	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	20	9,675	9,676	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	21	10,513	10,513	<b>4.48</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	22	8,048	8,049	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	23	8,100	8,101	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	24	8,441	8,442	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	25	8,141	8,142	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	26	7,833	7,834	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	27	8,952	8,953	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	28	8,961	8,962	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	29	9,208	9,209	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	30	10,322	10,323	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	31	10,179	10,180	<b>4.90</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	32	10,313	10,314	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	33	10,034	10,034	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	34	11,084	11,084	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	35	9,954	9,955	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	36	9,536	9,537	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	37	9,734	9,735	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	38	10,613	10,614	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	39	9,939	9,940	<b>5.22</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	40	10,696	10,697	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	41	10,564	10,565	<b>4.42</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	42	11,674	11,675	<b>3.11</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	43	11,518	11,519	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	44	11,971	11,972	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	45	13,005	13,006	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	46	13,445	13,446	<b>1.26</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	47	13,948	13,949	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	48	15,394	15,394	<b>-0.50</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
	49	16,103	16,103	<b>-1.08</b>	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
	50	16,447	16,447	<b>-1.36</b>	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
	51	17,335	17,335	<b>-2.04</b>	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
	52	16,831	16,832	<b>-1.66</b>	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
	53	17,996	17,996	<b>-2.52</b>	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
	54	17,928	17,929	<b>-2.47</b>	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
	55	17,548	17,548	<b>-2.20</b>	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
	56	18,627	18,628	<b>-2.97</b>	108.5	0.00	96.40	-	-	0.00	0.00	-	0.00
	57	18,253	18,253	<b>-2.71</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
	58	18,088	18,088	<b>-2.59</b>	108.5	0.00	96.15	-	-	0.00	0.00	-	0.00
	59	19,300	19,301	<b>-3.43</b>	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
	60	19,615	19,615	<b>-3.64</b>	108.5	0.00	96.85	-	-	0.00	0.00	-	0.00

Sum 30.46

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H375 H375

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,802	7,802	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
2	7,394	7,394	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
3	8,694	8,694	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
4	5,072	5,073	<b>14.09</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
5	5,630	5,631	<b>12.72</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
6	5,980	5,981	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
7	6,094	6,095	<b>11.67</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
8	7,365	7,365	<b>9.17</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
9	7,380	7,380	<b>9.14</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
10	7,572	7,572	<b>8.80</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
11	8,927	8,927	<b>6.63</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
12	9,449	9,449	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
13	10,443	10,443	<b>4.57</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	11,376	11,376	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
15	12,143	12,143	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
16	9,423	9,424	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
17	9,606	9,606	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
18	10,413	10,413	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
19	10,987	10,988	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
20	13,249	13,250	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
21	14,221	14,221	<b>0.53</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
22	9,402	9,402	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
23	9,662	9,663	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
24	10,861	10,861	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
25	9,937	9,938	<b>5.22</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
26	10,160	10,160	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
27	11,229	11,229	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
28	11,580	11,580	<b>3.21</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
29	12,178	12,178	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
30	13,243	13,243	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
31	13,240	13,240	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
32	13,479	13,479	<b>1.23</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
33	13,408	13,408	<b>1.30</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
34	14,628	14,628	<b>0.17</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
35	11,023	11,024	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
36	10,842	10,842	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
37	11,261	11,261	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
38	12,557	12,557	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
39	12,363	12,363	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
40	13,025	13,025	<b>1.68</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
41	13,167	13,168	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
42	13,250	13,251	<b>1.45</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
43	13,373	13,373	<b>1.33</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
44	14,001	14,001	<b>0.74</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
45	14,255	14,256	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
46	14,826	14,826	<b>-0.01</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
47	15,969	15,969	<b>-0.97</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
48	17,237	17,237	<b>-1.96</b>	108.5	0.00	95.73	-	-	0.00	0.00	-	0.00
49	18,345	18,345	<b>-2.77</b>	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
50	18,969	18,969	<b>-3.21</b>	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
51	19,790	19,790	<b>-3.76</b>	108.5	0.00	96.93	-	-	0.00	0.00	-	0.00
52	18,902	18,903	<b>-3.16</b>	108.5	0.00	96.53	-	-	0.00	0.00	-	0.00
53	20,074	20,074	<b>-3.94</b>	108.5	0.00	97.05	-	-	0.00	0.00	-	0.00
54	20,102	20,102	<b>-3.96</b>	108.5	0.00	97.06	-	-	0.00	0.00	-	0.00
55	19,914	19,914	<b>-3.84</b>	108.5	0.00	96.98	-	-	0.00	0.00	-	0.00
56	20,867	20,867	<b>-4.45</b>	108.5	0.00	97.39	-	-	0.00	0.00	-	0.00
57	19,874	19,874	<b>-3.81</b>	108.5	0.00	96.97	-	-	0.00	0.00	-	0.00
58	19,843	19,843	<b>-3.79</b>	108.5	0.00	96.95	-	-	0.00	0.00	-	0.00
59	21,288	21,288	<b>-4.71</b>	108.5	0.00	97.56	-	-	0.00	0.00	-	0.00
60	21,703	21,703	<b>-4.96</b>	108.5	0.00	97.73	-	-	0.00	0.00	-	0.00

Sum 23.11

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H376 H376

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,122	8,122	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	2	7,902	7,902	<b>8.24</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	3	9,174	9,174	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	4	5,316	5,317	<b>13.47</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	5	5,879	5,880	<b>12.15</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	6	6,328	6,328	<b>11.18</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	7	6,280	6,280	<b>11.28</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	8	7,761	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	9	7,636	7,636	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	10	7,723	7,724	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	11	9,186	9,186	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	12	9,594	9,594	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	13	10,707	10,707	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	14	11,610	11,610	<b>3.18</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	15	12,395	12,395	<b>2.32</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	16	9,430	9,430	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	17	9,657	9,658	<b>5.60</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	18	10,492	10,492	<b>4.51</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	19	11,015	11,015	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	20	13,434	13,434	<b>1.27</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	21	14,441	14,441	<b>0.33</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	22	9,089	9,090	<b>6.39</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	23	9,390	9,390	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	24	10,762	10,762	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	25	9,711	9,711	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	26	10,056	10,056	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	27	11,085	11,086	<b>3.79</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	28	11,515	11,516	<b>3.29</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	29	12,196	12,196	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	30	13,231	13,231	<b>1.47</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	31	13,267	13,267	<b>1.44</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	32	13,534	13,534	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	33	13,527	13,527	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	34	14,787	14,788	<b>0.03</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	35	10,601	10,602	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	36	10,477	10,477	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	37	10,937	10,937	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	38	12,305	12,305	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	39	12,233	12,233	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	40	12,859	12,859	<b>1.84</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	41	13,070	13,071	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	42	12,900	12,900	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	43	13,085	13,086	<b>1.62</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	44	13,746	13,747	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	45	13,817	13,817	<b>0.91</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	46	14,409	14,409	<b>0.36</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	47	15,688	15,688	<b>-0.74</b>	108.5	0.00	94.91	-	-	0.00	0.00	-	0.00
	48	16,901	16,901	<b>-1.71</b>	108.5	0.00	95.56	-	-	0.00	0.00	-	0.00
	49	18,096	18,096	<b>-2.60</b>	108.5	0.00	96.15	-	-	0.00	0.00	-	0.00
	50	18,788	18,788	<b>-3.08</b>	108.5	0.00	96.48	-	-	0.00	0.00	-	0.00
	51	19,586	19,586	<b>-3.62</b>	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00
	52	18,607	18,607	<b>-2.96</b>	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
	53	19,772	19,772	<b>-3.74</b>	108.5	0.00	96.92	-	-	0.00	0.00	-	0.00
	54	19,824	19,824	<b>-3.78</b>	108.5	0.00	96.94	-	-	0.00	0.00	-	0.00
	55	19,685	19,685	<b>-3.69</b>	108.5	0.00	96.88	-	-	0.00	0.00	-	0.00
	56	20,600	20,600	<b>-4.28</b>	108.5	0.00	97.28	-	-	0.00	0.00	-	0.00
	57	19,466	19,466	<b>-3.54</b>	108.5	0.00	96.79	-	-	0.00	0.00	-	0.00
	58	19,465	19,465	<b>-3.54</b>	108.5	0.00	96.79	-	-	0.00	0.00	-	0.00
	59	20,956	20,956	<b>-4.50</b>	108.5	0.00	97.43	-	-	0.00	0.00	-	0.00
	60	21,393	21,393	<b>-4.77</b>	108.5	0.00	97.61	-	-	0.00	0.00	-	0.00

Sum 22.83

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H377 H377

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,066	6,066	<b>11.74</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
2	5,819	5,820	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
3	7,089	7,089	<b>9.68</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
4	3,288	3,289	<b>19.66</b>	108.5	0.00	81.34	-	-	0.00	0.00	-	0.00
5	3,850	3,851	<b>17.67</b>	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
6	4,258	4,259	<b>16.37</b>	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
7	4,293	4,294	<b>16.26</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
8	5,682	5,682	<b>12.60</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
9	5,609	5,609	<b>12.77</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
10	5,766	5,766	<b>12.41</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
11	7,160	7,160	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
12	7,644	7,644	<b>8.68</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
13	8,680	8,680	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
14	9,601	9,601	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
15	10,376	10,377	<b>4.65</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
16	7,608	7,608	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
17	7,789	7,790	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
18	8,598	8,599	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
19	9,171	9,171	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
20	11,458	11,458	<b>3.35</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
21	12,442	12,443	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
22	7,709	7,710	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
23	7,942	7,942	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
24	9,061	9,062	<b>6.43</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
25	8,189	8,189	<b>7.77</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
26	8,363	8,363	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
27	9,441	9,442	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
28	9,771	9,772	<b>5.44</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
29	10,361	10,361	<b>4.67</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
30	11,428	11,428	<b>3.39</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
31	11,423	11,423	<b>3.39</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
32	11,664	11,664	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
33	11,600	11,601	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
34	12,830	12,830	<b>1.87</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
35	9,407	9,408	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
36	9,178	9,179	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
37	9,565	9,566	<b>5.72</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
38	10,813	10,814	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
39	10,569	10,569	<b>4.41</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
40	11,241	11,242	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
41	11,364	11,364	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
42	11,565	11,566	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
43	11,646	11,646	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
44	12,255	12,255	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
45	12,638	12,638	<b>2.07</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
46	13,187	13,188	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
47	14,233	14,233	<b>0.52</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
48	15,532	15,532	<b>-0.61</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
49	16,589	16,589	<b>-1.47</b>	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
50	17,185	17,185	<b>-1.92</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
51	18,014	18,014	<b>-2.54</b>	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
52	17,170	17,170	<b>-1.91</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
53	18,344	18,344	<b>-2.77</b>	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
54	18,359	18,359	<b>-2.78</b>	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
55	18,147	18,147	<b>-2.63</b>	108.5	0.00	96.18	-	-	0.00	0.00	-	0.00
56	19,117	19,117	<b>-3.31</b>	108.5	0.00	96.63	-	-	0.00	0.00	-	0.00
57	18,216	18,217	<b>-2.68</b>	108.5	0.00	96.21	-	-	0.00	0.00	-	0.00
58	18,162	18,162	<b>-2.64</b>	108.5	0.00	96.18	-	-	0.00	0.00	-	0.00
59	19,574	19,574	<b>-3.61</b>	108.5	0.00	96.83	-	-	0.00	0.00	-	0.00
60	19,975	19,975	<b>-3.88</b>	108.5	0.00	97.01	-	-	0.00	0.00	-	0.00

Sum 26.79

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H378 H378

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,978	4,978	<b>14.34</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
2	4,771	4,772	<b>14.89</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
3	6,025	6,025	<b>11.83</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
4	2,211	2,212	<b>24.53</b>	108.5	0.00	77.90	-	-	0.00	0.00	-	0.00
5	2,771	2,772	<b>21.75</b>	108.5	0.00	79.86	-	-	0.00	0.00	-	0.00
6	3,171	3,172	<b>20.11</b>	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
7	3,232	3,234	<b>19.87</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
8	4,599	4,600	<b>15.37</b>	108.5	0.00	84.25	-	-	0.00	0.00	-	0.00
9	4,526	4,527	<b>15.58</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
10	4,712	4,712	<b>15.06</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
11	6,077	6,077	<b>11.71</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
12	6,588	6,588	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
13	7,597	7,597	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
14	8,521	8,522	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
15	9,294	9,294	<b>6.10</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
16	6,614	6,614	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
17	6,771	6,771	<b>10.28</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
18	7,565	7,565	<b>8.82</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
19	8,159	8,159	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
20	10,388	10,388	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
21	11,365	11,365	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
22	6,962	6,963	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
23	7,152	7,153	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
24	8,122	8,122	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
25	7,355	7,355	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
26	7,432	7,432	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
27	8,530	8,530	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
28	8,806	8,806	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
29	9,350	9,350	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
30	10,428	10,429	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
31	10,405	10,406	<b>4.62</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
32	10,634	10,634	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
33	10,548	10,548	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
34	11,765	11,765	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
35	8,742	8,743	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
36	8,458	8,458	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
37	8,800	8,801	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
38	9,973	9,974	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
39	9,641	9,641	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
40	10,334	10,334	<b>4.71</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
41	10,412	10,412	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
42	10,803	10,804	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
43	10,828	10,829	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
44	11,407	11,407	<b>3.41</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
45	11,950	11,951	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
46	12,474	12,475	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
47	13,395	13,396	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
48	14,733	14,733	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
49	15,718	15,718	<b>-0.77</b>	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
50	16,266	16,267	<b>-1.21</b>	108.5	0.00	95.23	-	-	0.00	0.00	-	0.00
51	17,109	17,109	<b>-1.87</b>	108.5	0.00	95.66	-	-	0.00	0.00	-	0.00
52	16,332	16,332	<b>-1.26</b>	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
53	17,507	17,507	<b>-2.17</b>	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
54	17,505	17,505	<b>-2.16</b>	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
55	17,258	17,258	<b>-1.98</b>	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
56	18,252	18,253	<b>-2.71</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
57	17,468	17,468	<b>-2.14</b>	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
58	17,387	17,387	<b>-2.08</b>	108.5	0.00	95.80	-	-	0.00	0.00	-	0.00
59	18,757	18,757	<b>-3.06</b>	108.5	0.00	96.46	-	-	0.00	0.00	-	0.00
60	19,140	19,140	<b>-3.32</b>	108.5	0.00	96.64	-	-	0.00	0.00	-	0.00

Sum 30.05

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H379 H379

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,286	8,286	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	2	8,208	8,208	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	3	9,449	9,449	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	4	5,469	5,470	<b>13.10</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	5	6,023	6,024	<b>11.83</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	6	6,536	6,537	<b>10.75</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	7	6,369	6,370	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	8	7,985	7,985	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	9	7,758	7,758	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	10	7,766	7,766	<b>8.47</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	11	9,295	9,295	<b>6.10</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	12	9,613	9,613	<b>5.66</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	13	10,807	10,807	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	14	11,683	11,683	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	15	12,477	12,477	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	16	9,347	9,347	<b>6.03</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	17	9,606	9,606	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	18	10,455	10,455	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	19	10,936	10,936	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	20	13,461	13,461	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	21	14,490	14,490	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	22	8,771	8,771	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	23	9,098	9,099	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	24	10,591	10,591	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	25	9,452	9,452	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	26	9,885	9,886	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	27	10,879	10,879	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	28	11,365	11,365	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	29	12,104	12,104	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	30	13,111	13,112	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	31	13,177	13,177	<b>1.53</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	32	13,463	13,463	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	33	13,503	13,504	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	34	14,790	14,790	<b>0.02</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	35	10,193	10,193	<b>4.89</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	36	10,111	10,111	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	37	10,598	10,598	<b>4.37</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	38	12,012	12,012	<b>2.73</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	39	12,031	12,031	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	40	12,627	12,628	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	41	12,889	12,889	<b>1.81</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	42	12,533	12,533	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	43	12,764	12,764	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	44	13,446	13,446	<b>1.26</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	45	13,384	13,384	<b>1.32</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	46	13,990	13,990	<b>0.75</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	47	15,362	15,362	<b>-0.47</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
	48	16,533	16,533	<b>-1.42</b>	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
	49	17,789	17,789	<b>-2.37</b>	108.5	0.00	96.00	-	-	0.00	0.00	-	0.00
	50	18,528	18,528	<b>-2.90</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
	51	19,308	19,308	<b>-3.44</b>	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
	52	18,265	18,265	<b>-2.72</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
	53	19,423	19,424	<b>-3.51</b>	108.5	0.00	96.77	-	-	0.00	0.00	-	0.00
	54	19,492	19,492	<b>-3.56</b>	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00
	55	19,390	19,390	<b>-3.49</b>	108.5	0.00	96.75	-	-	0.00	0.00	-	0.00
	56	20,275	20,275	<b>-4.07</b>	108.5	0.00	97.14	-	-	0.00	0.00	-	0.00
	57	19,042	19,042	<b>-3.26</b>	108.5	0.00	96.59	-	-	0.00	0.00	-	0.00
	58	19,063	19,064	<b>-3.27</b>	108.5	0.00	96.60	-	-	0.00	0.00	-	0.00
	59	20,585	20,585	<b>-4.27</b>	108.5	0.00	97.27	-	-	0.00	0.00	-	0.00
	60	21,037	21,037	<b>-4.55</b>	108.5	0.00	97.46	-	-	0.00	0.00	-	0.00

Sum 22.75

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H380 H380

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,963	7,963	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
2	7,909	7,909	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
3	9,142	9,142	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
4	5,148	5,148	<b>13.90</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
5	5,700	5,700	<b>12.56</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
6	6,221	6,221	<b>11.40</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
7	6,040	6,041	<b>11.79</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
8	7,671	7,671	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
9	7,431	7,431	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
10	7,432	7,433	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
11	8,965	8,966	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
12	9,278	9,278	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
13	10,476	10,477	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
14	11,350	11,350	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
15	12,145	12,145	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
16	9,010	9,011	<b>6.51</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
17	9,270	9,270	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
18	10,118	10,119	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
19	10,600	10,600	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
20	13,126	13,126	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
21	14,156	14,156	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
22	8,455	8,456	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
23	8,779	8,779	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
24	10,258	10,259	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
25	9,128	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
26	9,553	9,553	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
27	10,549	10,550	<b>4.43</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
28	11,032	11,032	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
29	11,769	11,769	<b>3.00</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
30	12,777	12,777	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
31	12,841	12,841	<b>1.86</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
32	13,127	13,127	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
33	13,167	13,167	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
34	14,454	14,455	<b>0.32</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
35	9,896	9,897	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
36	9,805	9,805	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
37	10,287	10,287	<b>4.77</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
38	11,694	11,694	<b>3.09</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
39	11,701	11,702	<b>3.08</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
40	12,301	12,301	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
41	12,558	12,558	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
42	12,228	12,228	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
43	12,450	12,450	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
44	13,129	13,129	<b>1.57</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
45	13,094	13,095	<b>1.61</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
46	13,697	13,697	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
47	15,050	15,050	<b>-0.20</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
48	16,229	16,229	<b>-1.18</b>	108.5	0.00	95.21	-	-	0.00	0.00	-	0.00
49	17,474	17,474	<b>-2.14</b>	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
50	18,206	18,206	<b>-2.67</b>	108.5	0.00	96.20	-	-	0.00	0.00	-	0.00
51	18,988	18,988	<b>-3.22</b>	108.5	0.00	96.57	-	-	0.00	0.00	-	0.00
52	17,956	17,956	<b>-2.49</b>	108.5	0.00	96.08	-	-	0.00	0.00	-	0.00
53	19,116	19,116	<b>-3.31</b>	108.5	0.00	96.63	-	-	0.00	0.00	-	0.00
54	19,181	19,181	<b>-3.35</b>	108.5	0.00	96.66	-	-	0.00	0.00	-	0.00
55	19,073	19,073	<b>-3.28</b>	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
56	19,963	19,963	<b>-3.87</b>	108.5	0.00	97.00	-	-	0.00	0.00	-	0.00
57	18,751	18,751	<b>-3.06</b>	108.5	0.00	96.46	-	-	0.00	0.00	-	0.00
58	18,767	18,767	<b>-3.07</b>	108.5	0.00	96.47	-	-	0.00	0.00	-	0.00
59	20,282	20,282	<b>-4.08</b>	108.5	0.00	97.14	-	-	0.00	0.00	-	0.00
60	20,731	20,731	<b>-4.36</b>	108.5	0.00	97.33	-	-	0.00	0.00	-	0.00

Sum 23.28



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H381 H381

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,296	7,296	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	2	7,239	7,239	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	3	8,470	8,470	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	4	4,479	4,479	<b>15.72</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
	5	5,033	5,033	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	6	5,550	5,550	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	7	5,382	5,382	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	8	6,999	6,999	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	9	6,769	6,769	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	10	6,787	6,787	<b>10.25</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	11	8,307	8,307	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	12	8,640	8,640	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	13	9,820	9,820	<b>5.38</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	14	10,700	10,700	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	15	11,493	11,493	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	16	8,408	8,408	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	17	8,655	8,655	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	18	9,499	9,499	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	19	9,997	9,997	<b>5.14</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	20	12,488	12,488	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	21	13,512	13,513	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	22	7,984	7,984	<b>8.10</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	23	8,288	8,288	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	24	9,698	9,698	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	25	8,617	8,617	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	26	8,991	8,991	<b>6.54</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	27	10,007	10,008	<b>5.13</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	28	10,461	10,461	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	29	11,171	11,172	<b>3.68</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	30	12,192	12,192	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	31	12,244	12,244	<b>2.49</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	32	12,522	12,522	<b>2.19</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	33	12,545	12,545	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	34	13,824	13,824	<b>0.90</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	35	9,494	9,495	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	36	9,368	9,369	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	37	9,830	9,830	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	38	11,204	11,204	<b>3.65</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	39	11,157	11,157	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	40	11,774	11,774	<b>3.00</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	41	12,003	12,003	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	42	11,791	11,791	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	43	11,980	11,981	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	44	12,645	12,645	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	45	12,712	12,712	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	46	13,302	13,303	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	47	14,582	14,582	<b>0.21</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	48	15,792	15,792	<b>-0.83</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00
	49	16,994	16,994	<b>-1.78</b>	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
	50	17,696	17,696	<b>-2.30</b>	108.5	0.00	95.96	-	-	0.00	0.00	-	0.00
	51	18,489	18,489	<b>-2.87</b>	108.5	0.00	96.34	-	-	0.00	0.00	-	0.00
	52	17,500	17,500	<b>-2.16</b>	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
	53	18,664	18,665	<b>-3.00</b>	108.5	0.00	96.42	-	-	0.00	0.00	-	0.00
	54	18,718	18,718	<b>-3.03</b>	108.5	0.00	96.45	-	-	0.00	0.00	-	0.00
	55	18,585	18,585	<b>-2.94</b>	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
	56	19,495	19,495	<b>-3.56</b>	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00
	57	18,359	18,359	<b>-2.78</b>	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
	58	18,357	18,357	<b>-2.78</b>	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
	59	19,848	19,848	<b>-3.79</b>	108.5	0.00	96.95	-	-	0.00	0.00	-	0.00
	60	20,285	20,285	<b>-4.08</b>	108.5	0.00	97.14	-	-	0.00	0.00	-	0.00

Sum 24.41

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H382 H382

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,786	5,786	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
2	5,702	5,702	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
3	6,932	6,932	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
4	2,970	2,971	<b>20.91</b>	108.5	0.00	80.46	-	-	0.00	0.00	-	0.00
5	3,530	3,531	<b>18.77</b>	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
6	4,020	4,020	<b>17.12</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
7	3,919	3,920	<b>17.44</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
8	5,467	5,467	<b>13.11</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
9	5,282	5,283	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
10	5,364	5,364	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
11	6,830	6,830	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
12	7,237	7,237	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
13	8,349	8,350	<b>7.51</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
14	9,249	9,249	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
15	10,035	10,035	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
16	7,121	7,122	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
17	7,327	7,328	<b>9.24</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
18	8,153	8,153	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
19	8,698	8,698	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
20	11,074	11,074	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
21	12,079	12,079	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
22	7,094	7,095	<b>9.67</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
23	7,339	7,339	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
24	8,527	8,527	<b>7.24</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
25	7,602	7,603	<b>8.75</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
26	7,824	7,825	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
27	8,889	8,890	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
28	9,254	9,254	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
29	9,885	9,885	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
30	10,937	10,937	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
31	10,952	10,952	<b>3.94</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
32	11,207	11,207	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
33	11,178	11,178	<b>3.68</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
34	12,431	12,431	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
35	8,772	8,772	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
36	8,554	8,555	<b>7.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
37	8,952	8,953	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
38	10,224	10,225	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
39	10,025	10,025	<b>5.10</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
40	10,684	10,684	<b>4.27</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
41	10,835	10,835	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
42	10,949	10,950	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
43	11,048	11,048	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
44	11,668	11,668	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
45	12,004	12,004	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
46	12,558	12,559	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
47	13,640	13,640	<b>1.08</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
48	14,925	14,925	<b>-0.09</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
49	16,008	16,009	<b>-1.00</b>	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
50	16,628	16,628	<b>-1.50</b>	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
51	17,449	17,450	<b>-2.12</b>	108.5	0.00	95.84	-	-	0.00	0.00	-	0.00
52	16,575	16,576	<b>-1.46</b>	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
53	17,748	17,748	<b>-2.34</b>	108.5	0.00	95.98	-	-	0.00	0.00	-	0.00
54	17,771	17,771	<b>-2.36</b>	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
55	17,574	17,575	<b>-2.22</b>	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00
56	18,533	18,533	<b>-2.90</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
57	17,593	17,594	<b>-2.23</b>	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
58	17,546	17,546	<b>-2.19</b>	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
59	18,971	18,971	<b>-3.21</b>	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
60	19,378	19,379	<b>-3.48</b>	108.5	0.00	96.75	-	-	0.00	0.00	-	0.00

Sum 27.69

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H383 H383

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,365	6,365	<b>11.10</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	2	6,368	6,369	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	3	7,578	7,578	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	4	3,553	3,553	<b>18.69</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
	5	4,102	4,103	<b>16.85</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	6	4,638	4,639	<b>15.26</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
	7	4,440	4,441	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	8	6,089	6,089	<b>11.69</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	9	5,830	5,830	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	10	5,842	5,843	<b>12.23</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	11	7,365	7,366	<b>9.17</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	12	7,697	7,698	<b>8.59</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	13	8,878	8,878	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	14	9,756	9,756	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	15	10,549	10,549	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	16	7,484	7,484	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	17	7,723	7,723	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	18	8,564	8,564	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	19	9,071	9,071	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	20	11,545	11,545	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	21	12,568	12,568	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	22	7,191	7,191	<b>9.49</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	23	7,472	7,473	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	24	8,806	8,807	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	25	7,777	7,777	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	26	8,100	8,101	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	27	9,133	9,134	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	28	9,560	9,560	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	29	10,250	10,250	<b>4.81</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	30	11,279	11,279	<b>3.56</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	31	11,321	11,321	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	32	11,594	11,594	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	33	11,607	11,607	<b>3.18</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	34	12,883	12,883	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	35	8,778	8,778	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	36	8,611	8,612	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	37	9,047	9,047	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	38	10,382	10,383	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	39	10,280	10,280	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	40	10,912	10,912	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	41	11,115	11,115	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	42	11,027	11,027	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	43	11,178	11,179	<b>3.68</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	44	11,826	11,826	<b>2.94</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	45	12,009	12,009	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	46	12,583	12,584	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	47	13,779	13,780	<b>0.94</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	48	15,021	15,022	<b>-0.18</b>	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
	49	16,175	16,176	<b>-1.14</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00
	50	16,846	16,846	<b>-1.67</b>	108.5	0.00	95.53	-	-	0.00	0.00	-	0.00
	51	17,650	17,651	<b>-2.27</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	52	16,707	16,707	<b>-1.56</b>	108.5	0.00	95.46	-	-	0.00	0.00	-	0.00
	53	17,875	17,875	<b>-2.44</b>	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
	54	17,916	17,916	<b>-2.47</b>	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
	55	17,758	17,758	<b>-2.35</b>	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
	56	18,687	18,687	<b>-3.01</b>	108.5	0.00	96.43	-	-	0.00	0.00	-	0.00
	57	17,635	17,635	<b>-2.26</b>	108.5	0.00	95.93	-	-	0.00	0.00	-	0.00
	58	17,613	17,613	<b>-2.24</b>	108.5	0.00	95.92	-	-	0.00	0.00	-	0.00
	59	19,076	19,076	<b>-3.28</b>	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
	60	19,501	19,501	<b>-3.57</b>	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00

Sum 26.35

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H384 H384

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,914	6,914	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	2	6,995	6,996	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	3	8,183	8,183	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	4	4,123	4,123	<b>16.79</b>	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	5	4,658	4,658	<b>15.21</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
	6	5,229	5,229	<b>13.69</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	7	4,952	4,952	<b>14.41</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	8	6,676	6,676	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	9	6,354	6,354	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	10	6,306	6,306	<b>11.22</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	11	7,871	7,871	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	12	8,134	8,134	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	13	9,371	9,372	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	14	10,228	10,228	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	15	11,026	11,026	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	16	7,833	7,833	<b>8.36</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	17	8,100	8,100	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	18	8,952	8,952	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	19	9,422	9,422	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	20	11,979	11,979	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	21	13,018	13,018	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	22	7,297	7,297	<b>9.29</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	23	7,610	7,611	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	24	9,072	9,072	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	25	7,951	7,951	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	26	8,366	8,366	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	27	9,364	9,365	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	28	9,845	9,846	<b>5.34</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	29	10,588	10,588	<b>4.39</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	30	11,592	11,592	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	31	11,660	11,660	<b>3.12</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	32	11,950	11,950	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	33	12,002	12,002	<b>2.75</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	34	13,297	13,297	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	35	8,787	8,787	<b>6.84</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	36	8,669	8,669	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	37	9,138	9,138	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	38	10,527	10,527	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	39	10,516	10,516	<b>4.48</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	40	11,120	11,120	<b>3.74</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	41	11,371	11,371	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	42	11,092	11,093	<b>3.78</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	43	11,294	11,294	<b>3.54</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	44	11,965	11,965	<b>2.79</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	45	12,002	12,002	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	46	12,594	12,594	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	47	13,895	13,895	<b>0.84</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	48	15,094	15,094	<b>-0.24</b>	108.5	0.00	94.58	-	-	0.00	0.00	-	0.00
	49	16,312	16,313	<b>-1.25</b>	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00
	50	17,031	17,031	<b>-1.81</b>	108.5	0.00	95.62	-	-	0.00	0.00	-	0.00
	51	17,818	17,818	<b>-2.39</b>	108.5	0.00	96.02	-	-	0.00	0.00	-	0.00
	52	16,809	16,809	<b>-1.64</b>	108.5	0.00	95.51	-	-	0.00	0.00	-	0.00
	53	17,971	17,972	<b>-2.51</b>	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
	54	18,030	18,030	<b>-2.55</b>	108.5	0.00	96.12	-	-	0.00	0.00	-	0.00
	55	17,908	17,908	<b>-2.46</b>	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
	56	18,809	18,809	<b>-3.10</b>	108.5	0.00	96.49	-	-	0.00	0.00	-	0.00
	57	17,650	17,651	<b>-2.27</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	58	17,652	17,652	<b>-2.27</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	59	19,149	19,149	<b>-3.33</b>	108.5	0.00	96.64	-	-	0.00	0.00	-	0.00
	60	19,590	19,591	<b>-3.63</b>	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00

Sum 25.28

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H385 H385

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,049	5,049	<b>14.15</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	2	5,189	5,189	<b>13.79</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	3	6,342	6,342	<b>11.15</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	4	2,265	2,267	<b>24.22</b>	108.5	0.00	78.11	-	-	0.00	0.00	-	0.00
	5	2,794	2,795	<b>21.65</b>	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
	6	3,381	3,382	<b>19.31</b>	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
	7	3,095	3,096	<b>20.40</b>	108.5	0.00	80.82	-	-	0.00	0.00	-	0.00
	8	4,822	4,822	<b>14.75</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	9	4,493	4,494	<b>15.68</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
	10	4,484	4,485	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	11	6,019	6,020	<b>11.84</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	12	6,339	6,339	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	13	7,527	7,528	<b>8.88</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	14	8,400	8,400	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	15	9,194	9,194	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	16	6,152	6,153	<b>11.55</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	17	6,378	6,379	<b>11.07</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	18	7,215	7,215	<b>9.44</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	19	7,736	7,736	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	20	10,186	10,187	<b>4.89</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	21	11,210	11,210	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	22	6,091	6,092	<b>11.68</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	23	6,329	6,330	<b>11.17</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	24	7,527	7,527	<b>8.88</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	25	6,589	6,590	<b>10.64</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	26	6,823	6,823	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	27	7,882	7,882	<b>8.27</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	28	8,262	8,262	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	29	8,919	8,919	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	30	9,960	9,960	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	31	9,989	9,989	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	32	10,254	10,255	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	33	10,254	10,255	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	34	11,526	11,526	<b>3.27</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	35	7,793	7,794	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	36	7,559	7,560	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	37	7,948	7,949	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	38	9,212	9,212	<b>6.22</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	39	9,020	9,020	<b>6.49</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	40	9,674	9,675	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	41	9,836	9,836	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	42	9,947	9,947	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	43	10,037	10,037	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	44	10,655	10,655	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	45	11,021	11,022	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	46	11,569	11,569	<b>3.23</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	47	12,628	12,628	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	48	13,917	13,918	<b>0.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	49	14,995	14,996	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	50	15,618	15,618	<b>-0.68</b>	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	51	16,438	16,438	<b>-1.35</b>	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
	52	15,564	15,564	<b>-0.64</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	53	16,737	16,737	<b>-1.58</b>	108.5	0.00	95.47	-	-	0.00	0.00	-	0.00
	54	16,758	16,759	<b>-1.60</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
	55	16,562	16,562	<b>-1.45</b>	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
	56	17,520	17,520	<b>-2.18</b>	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
	57	16,597	16,597	<b>-1.47</b>	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
	58	16,543	16,544	<b>-1.43</b>	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
	59	17,962	17,962	<b>-2.50</b>	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
	60	18,367	18,368	<b>-2.79</b>	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00

Sum 30.08

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H386 H386

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,032	6,032	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	2	6,595	6,595	<b>10.63</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	3	7,568	7,568	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	4	3,652	3,653	<b>18.34</b>	108.5	0.00	82.25	-	-	0.00	0.00	-	0.00
	5	4,024	4,024	<b>17.10</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
	6	4,719	4,719	<b>15.04</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	7	4,061	4,061	<b>16.98</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
	8	6,023	6,023	<b>11.83</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	9	5,386	5,386	<b>13.30</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	10	5,084	5,084	<b>14.06</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	11	6,738	6,738	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	12	6,723	6,723	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	13	8,138	8,139	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	14	8,887	8,887	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	15	9,687	9,687	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	16	6,162	6,162	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	17	6,501	6,501	<b>10.82</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
	18	7,361	7,361	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	19	7,717	7,717	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	20	10,476	10,476	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	21	11,553	11,553	<b>3.24</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	22	5,170	5,170	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	23	5,519	5,520	<b>12.98</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	24	7,173	7,173	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	25	5,907	5,908	<b>12.09</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	26	6,481	6,481	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	27	7,396	7,396	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	28	7,979	7,979	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	29	8,832	8,832	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	30	9,765	9,765	<b>5.45</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	31	9,893	9,893	<b>5.28</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	32	10,219	10,220	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	33	10,379	10,379	<b>4.65</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	34	11,715	11,715	<b>3.06</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	35	6,576	6,576	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	36	6,488	6,488	<b>10.85</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	37	6,981	6,982	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	38	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	39	8,545	8,545	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	40	9,096	9,097	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	41	9,429	9,429	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	42	8,909	8,909	<b>6.66</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	43	9,152	9,152	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	44	9,846	9,846	<b>5.34</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	45	9,782	9,782	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	46	10,380	10,380	<b>4.65</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	47	11,747	11,747	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	48	12,909	12,909	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	49	14,180	14,180	<b>0.57</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	50	14,951	14,951	<b>-0.12</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
	51	15,715	15,715	<b>-0.76</b>	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
	52	14,644	14,644	<b>0.15</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	53	15,801	15,801	<b>-0.83</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00
	54	15,873	15,873	<b>-0.89</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
	55	15,786	15,786	<b>-0.82</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00
	56	16,658	16,658	<b>-1.52</b>	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
	57	15,435	15,435	<b>-0.53</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	58	15,446	15,447	<b>-0.54</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	59	16,961	16,962	<b>-1.76</b>	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
	60	17,413	17,413	<b>-2.10</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00

Sum 27.64

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H387 H387

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,418	5,418	<b>13.23</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
2	6,211	6,211	<b>11.42</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
3	7,041	7,041	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
4	3,453	3,453	<b>19.05</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
5	3,684	3,684	<b>18.23</b>	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
6	4,383	4,384	<b>16.00</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
7	3,566	3,567	<b>18.64</b>	108.5	0.00	82.05	-	-	0.00	0.00	-	0.00
8	5,531	5,531	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
9	4,755	4,756	<b>14.94</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
10	4,328	4,329	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
11	5,973	5,973	<b>11.94</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
12	5,823	5,823	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
13	7,298	7,298	<b>9.29</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
14	7,988	7,988	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
15	8,782	8,782	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
16	5,154	5,154	<b>13.88</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
17	5,520	5,520	<b>12.98</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
18	6,372	6,373	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
19	6,681	6,681	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
20	9,499	9,499	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
21	10,584	10,584	<b>4.39</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
22	4,046	4,046	<b>17.03</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
23	4,393	4,393	<b>15.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
24	6,076	6,077	<b>11.71</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
25	4,783	4,784	<b>14.86</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
26	5,391	5,391	<b>13.29</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
27	6,282	6,283	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
28	6,888	6,888	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
29	7,772	7,772	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
30	8,680	8,680	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
31	8,825	8,825	<b>6.78</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
32	9,162	9,162	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
33	9,357	9,357	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
34	10,702	10,702	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
35	5,502	5,503	<b>13.02</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
36	5,384	5,384	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
37	5,865	5,866	<b>12.18</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
38	7,295	7,295	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
39	7,428	7,429	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
40	7,973	7,973	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
41	8,317	8,317	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
42	7,807	7,807	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
43	8,033	8,033	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
44	8,722	8,723	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
45	8,725	8,725	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
46	9,311	9,311	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
47	10,630	10,630	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
48	11,809	11,809	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
49	13,060	13,060	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
50	13,825	13,825	<b>0.90</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
51	14,591	14,591	<b>0.20</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
52	13,533	13,533	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
53	14,693	14,693	<b>0.11</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
54	14,759	14,759	<b>0.05</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
55	14,664	14,664	<b>0.13</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
56	15,543	15,543	<b>-0.62</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
57	14,367	14,367	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
58	14,364	14,364	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
59	15,863	15,863	<b>-0.89</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
60	16,309	16,309	<b>-1.25</b>	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00

Sum 29.36

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H388 H388

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,452	6,452	<b>10.92</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	2	7,260	7,260	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	3	8,084	8,084	<b>7.94</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	4	4,470	4,471	<b>15.74</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
	5	4,726	4,726	<b>15.02</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	6	5,427	5,427	<b>13.20</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	7	4,616	4,616	<b>15.33</b>	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	8	6,579	6,579	<b>10.66</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	9	5,788	5,789	<b>12.35</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	10	5,329	5,330	<b>13.44</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	11	6,959	6,959	<b>9.92</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	12	6,732	6,732	<b>10.36</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	13	8,238	8,238	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	14	8,884	8,884	<b>6.69</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	15	9,669	9,669	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	16	5,959	5,959	<b>11.97</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	17	6,353	6,354	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	18	7,190	7,190	<b>9.49</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	19	7,426	7,427	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	20	10,310	10,310	<b>4.74</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	21	11,402	11,402	<b>3.42</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	22	4,404	4,405	<b>15.94</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	23	4,810	4,810	<b>14.79</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	24	6,687	6,687	<b>10.45</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	25	5,263	5,263	<b>13.61</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	26	6,032	6,033	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	27	6,817	6,818	<b>10.19</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	28	7,510	7,510	<b>8.91</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	29	8,463	8,464	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	30	9,306	9,306	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	31	9,493	9,493	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	32	9,852	9,852	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	33	10,109	10,109	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	34	11,463	11,463	<b>3.35</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	35	5,564	5,565	<b>12.87</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	36	5,567	5,568	<b>12.87</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	37	6,111	6,112	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	38	7,622	7,622	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	39	7,939	7,939	<b>8.18</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	40	8,414	8,415	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	41	8,845	8,845	<b>6.75</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	42	7,957	7,958	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	43	8,285	8,285	<b>7.62</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	44	9,012	9,012	<b>6.51</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	45	8,711	8,711	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	46	9,329	9,329	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	47	10,849	10,849	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	48	11,933	11,933	<b>2.82</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	49	13,299	13,299	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	50	14,148	14,148	<b>0.60</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	51	14,876	14,876	<b>-0.05</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	52	13,704	13,704	<b>1.02</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	53	14,846	14,846	<b>-0.03</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
	54	14,944	14,945	<b>-0.11</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
	55	14,917	14,917	<b>-0.09</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
	56	15,738	15,738	<b>-0.78</b>	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
	57	14,370	14,370	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	58	14,412	14,412	<b>0.36</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	59	15,969	15,970	<b>-0.97</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
	60	16,443	16,443	<b>-1.35</b>	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00

Sum 27.54



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H389 H389

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,115	6,115	<b>11.63</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	2	6,953	6,953	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	3	7,754	7,754	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	4	4,206	4,206	<b>16.53</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	5	4,435	4,435	<b>15.85</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	6	5,133	5,134	<b>13.94</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
	7	4,301	4,302	<b>16.24</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	8	6,257	6,257	<b>11.33</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	9	5,451	5,451	<b>13.15</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	10	4,980	4,980	<b>14.33</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	11	6,606	6,606	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	12	6,372	6,373	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	13	7,880	7,880	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	14	8,525	8,525	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	15	9,310	9,310	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	16	5,604	5,604	<b>12.78</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
	17	5,996	5,996	<b>11.89</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	18	6,834	6,834	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	19	7,077	7,077	<b>9.70</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	20	9,956	9,956	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	21	11,047	11,047	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	22	4,115	4,115	<b>16.81</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
	23	4,510	4,510	<b>15.63</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	24	6,356	6,356	<b>11.12</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	25	4,952	4,952	<b>14.41</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	26	5,696	5,696	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	27	6,499	6,500	<b>10.82</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
	28	7,177	7,178	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	29	8,122	8,122	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	30	8,975	8,975	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	31	9,155	9,155	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	32	9,511	9,511	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	33	9,760	9,760	<b>5.46</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	34	11,113	11,113	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	35	5,354	5,354	<b>13.38</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	36	5,324	5,325	<b>13.46</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	37	5,854	5,855	<b>12.20</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	38	7,348	7,349	<b>9.20</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	39	7,627	7,627	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	40	8,117	8,117	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	41	8,530	8,530	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	42	7,729	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	43	8,030	8,031	<b>8.03</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	44	8,749	8,750	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	45	8,530	8,531	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	46	9,140	9,140	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	47	10,606	10,606	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	48	11,716	11,716	<b>3.06</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	49	13,052	13,053	<b>1.65</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	50	13,881	13,881	<b>0.85</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	51	14,618	14,619	<b>0.18</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	52	13,475	13,476	<b>1.23</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	53	14,623	14,623	<b>0.17</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	54	14,713	14,713	<b>0.09</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	55	14,667	14,668	<b>0.13</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	56	15,504	15,504	<b>-0.59</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	57	14,189	14,189	<b>0.56</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	58	14,218	14,218	<b>0.54</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	59	15,760	15,760	<b>-0.80</b>	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
	60	16,226	16,226	<b>-1.18</b>	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
Sum	28.23												

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H390 H390

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,987	5,988	<b>11.91</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	2	6,849	6,849	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	3	7,633	7,633	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	4	4,132	4,133	<b>16.76</b>	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	5	4,344	4,345	<b>16.11</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	6	5,040	5,040	<b>14.18</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	7	4,194	4,195	<b>16.57</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
	8	6,142	6,142	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	9	5,323	5,324	<b>13.46</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	10	4,841	4,841	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	11	6,462	6,462	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	12	6,217	6,217	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	13	7,727	7,727	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	14	8,368	8,368	<b>7.48</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	15	9,152	9,152	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	16	5,441	5,442	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	17	5,835	5,835	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	18	6,672	6,672	<b>10.48</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	19	6,913	6,913	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	20	9,793	9,793	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	21	10,884	10,884	<b>4.03</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	22	3,959	3,960	<b>17.31</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
	23	4,352	4,352	<b>16.09</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	24	6,192	6,192	<b>11.47</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	25	4,791	4,791	<b>14.84</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	26	5,531	5,531	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	27	6,337	6,337	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	28	7,013	7,013	<b>9.82</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	29	7,957	7,957	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	30	8,810	8,810	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	31	8,990	8,990	<b>6.54</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	32	9,346	9,346	<b>6.03</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	33	9,595	9,595	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	34	10,949	10,949	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	35	5,223	5,224	<b>13.71</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	36	5,182	5,183	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	37	5,708	5,708	<b>12.54</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	38	7,196	7,197	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	39	7,465	7,466	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	40	7,958	7,959	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	41	8,368	8,369	<b>7.48</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	42	7,591	7,591	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	43	7,884	7,885	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	44	8,600	8,601	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	45	8,409	8,409	<b>7.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	46	9,015	9,015	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	47	10,462	10,463	<b>4.54</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	48	11,582	11,582	<b>3.21</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	49	12,908	12,908	<b>1.80</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	50	13,730	13,730	<b>0.99</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	51	14,471	14,471	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	52	13,337	13,337	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	53	14,486	14,486	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	54	14,573	14,573	<b>0.22</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	55	14,522	14,522	<b>0.26</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	56	15,364	15,364	<b>-0.47</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
	57	14,067	14,067	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	58	14,091	14,092	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	59	15,627	15,627	<b>-0.69</b>	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
	60	16,091	16,091	<b>-1.07</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00

Sum 28.55

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H391 H391

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,999	5,999	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	2	6,864	6,864	<b>10.10</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	3	7,645	7,645	<b>8.68</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	4	4,151	4,151	<b>16.70</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
	5	4,361	4,362	<b>16.06</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	6	5,056	5,057	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	7	4,209	4,209	<b>16.52</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	8	6,156	6,156	<b>11.54</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	9	5,335	5,335	<b>13.43</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	10	4,850	4,850	<b>14.68</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	11	6,470	6,470	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	12	6,221	6,221	<b>11.40</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	13	7,732	7,732	<b>8.53</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	14	8,371	8,371	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	15	9,154	9,154	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	16	5,441	5,441	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	17	5,836	5,836	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	18	6,672	6,672	<b>10.48</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	19	6,910	6,911	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	20	9,792	9,792	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	21	10,884	10,884	<b>4.03</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	22	3,948	3,948	<b>17.35</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	23	4,341	4,342	<b>16.12</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	24	6,185	6,186	<b>11.48</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	25	4,782	4,782	<b>14.86</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	26	5,526	5,526	<b>12.97</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	27	6,329	6,329	<b>11.18</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	28	7,007	7,007	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	29	7,952	7,953	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	30	8,804	8,804	<b>6.81</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	31	8,985	8,985	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	32	9,342	9,342	<b>6.03</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	33	9,593	9,593	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	34	10,947	10,947	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	35	5,206	5,207	<b>13.75</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	36	5,167	5,167	<b>13.85</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	37	5,693	5,694	<b>12.57</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	38	7,184	7,184	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	39	7,456	7,457	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	40	7,948	7,948	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	41	8,360	8,360	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	42	7,575	7,575	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	43	7,870	7,870	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	44	8,587	8,587	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	45	8,390	8,391	<b>7.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	46	8,997	8,997	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	47	10,447	10,448	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	48	11,565	11,565	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	49	12,893	12,893	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	50	13,717	13,717	<b>1.00</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	51	14,457	14,457	<b>0.32</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	52	13,321	13,321	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	53	14,470	14,470	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	54	14,557	14,558	<b>0.23</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	55	14,508	14,508	<b>0.27</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	56	15,348	15,348	<b>-0.46</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
	57	14,048	14,049	<b>0.69</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	58	14,074	14,074	<b>0.67</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	59	15,610	15,610	<b>-0.68</b>	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	60	16,074	16,074	<b>-1.06</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00

Sum 28.55

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H392 H392

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,015	6,015	<b>11.85</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	2	6,884	6,884	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	3	7,662	7,662	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	4	4,176	4,176	<b>16.63</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	5	4,384	4,384	<b>16.00</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	6	5,079	5,079	<b>14.08</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	7	4,229	4,229	<b>16.46</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
	8	6,175	6,175	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	9	5,351	5,351	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	10	4,863	4,863	<b>14.65</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	11	6,481	6,481	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	12	6,227	6,228	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	13	7,740	7,740	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,376	8,376	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	15	9,159	9,159	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	16	5,443	5,443	<b>13.17</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	17	5,839	5,839	<b>12.24</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	18	6,674	6,674	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	19	6,909	6,910	<b>10.02</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	20	9,794	9,794	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	21	10,885	10,885	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	22	3,935	3,935	<b>17.39</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
	23	4,330	4,330	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
	24	6,179	6,180	<b>11.49</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	25	4,772	4,772	<b>14.89</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	26	5,521	5,521	<b>12.98</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	27	6,320	6,321	<b>11.19</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	28	7,001	7,002	<b>9.84</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	29	7,949	7,949	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	30	8,798	8,799	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	31	8,981	8,981	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	32	9,338	9,338	<b>6.04</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	33	9,592	9,592	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	34	10,946	10,946	<b>3.95</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	35	5,185	5,186	<b>13.80</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	36	5,149	5,150	<b>13.89</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
	37	5,677	5,678	<b>12.61</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	38	7,169	7,169	<b>9.53</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	39	7,447	7,447	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	40	7,936	7,937	<b>8.18</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	41	8,351	8,351	<b>7.51</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	42	7,556	7,556	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	43	7,853	7,854	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	44	8,571	8,571	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	45	8,368	8,369	<b>7.48</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	46	8,975	8,976	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	47	10,430	10,430	<b>4.58</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	48	11,545	11,546	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	49	12,876	12,876	<b>1.83</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	50	13,702	13,702	<b>1.02</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	51	14,441	14,441	<b>0.33</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	52	13,302	13,302	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	53	14,451	14,451	<b>0.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	54	14,539	14,539	<b>0.25</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	55	14,491	14,491	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	56	15,330	15,330	<b>-0.44</b>	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
	57	14,026	14,027	<b>0.71</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	58	14,052	14,053	<b>0.69</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	59	15,590	15,590	<b>-0.66</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	60	16,055	16,055	<b>-1.04</b>	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00

Sum 28.54

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H393 H393

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,025	6,025	<b>11.83</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	2	6,899	6,900	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	3	7,674	7,674	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	4	4,196	4,197	<b>16.56</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
	5	4,402	4,402	<b>15.94</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
	6	5,096	5,096	<b>14.03</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	7	4,244	4,244	<b>16.42</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
	8	6,188	6,188	<b>11.47</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	9	5,361	5,361	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	10	4,870	4,870	<b>14.63</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	11	6,487	6,487	<b>10.85</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	12	6,228	6,228	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	13	7,743	7,743	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,376	8,376	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	15	9,158	9,158	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	16	5,439	5,439	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	17	5,836	5,836	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	18	6,670	6,670	<b>10.48</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	19	6,903	6,903	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	20	9,789	9,789	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	21	10,881	10,881	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	22	3,917	3,918	<b>17.45</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	23	4,313	4,314	<b>16.21</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	24	6,168	6,169	<b>11.51</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	25	4,757	4,758	<b>14.93</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	26	5,511	5,511	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	27	6,307	6,307	<b>11.22</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	28	6,990	6,991	<b>9.86</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	29	7,940	7,940	<b>8.18</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	30	8,787	8,787	<b>6.84</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	31	8,971	8,971	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	32	9,329	9,329	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	33	9,585	9,585	<b>5.69</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	34	10,939	10,939	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	35	5,162	5,162	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	36	5,127	5,128	<b>13.95</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	37	5,657	5,657	<b>12.66</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	38	7,150	7,151	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	39	7,433	7,433	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	40	7,920	7,920	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	41	8,337	8,337	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	42	7,534	7,534	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	43	7,833	7,833	<b>8.36</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	44	8,551	8,552	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	45	8,343	8,344	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	46	8,951	8,951	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	47	10,409	10,409	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	48	11,522	11,523	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	49	12,855	12,856	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	50	13,683	13,683	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	51	14,421	14,421	<b>0.35</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	52	13,280	13,280	<b>1.42</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	53	14,428	14,428	<b>0.35</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	54	14,517	14,517	<b>0.27</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	55	14,470	14,470	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	56	15,308	15,308	<b>-0.42</b>	108.5	0.00	94.70	-	-	0.00	0.00	-	0.00
	57	14,002	14,002	<b>0.74</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	58	14,028	14,028	<b>0.71</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	59	15,567	15,567	<b>-0.64</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	60	16,032	16,032	<b>-1.02</b>	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00

Sum 28.55

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H394 H394

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,047	6,047	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	2	6,933	6,933	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	3	7,699	7,699	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	4	4,241	4,242	<b>16.42</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
	5	4,441	4,441	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	6	5,134	5,134	<b>13.93</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
	7	4,276	4,277	<b>16.32</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	8	6,217	6,217	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	9	5,384	5,384	<b>13.31</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	10	4,885	4,886	<b>14.58</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	11	6,498	6,498	<b>10.83</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
	12	6,228	6,228	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	13	7,746	7,746	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,373	8,374	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	15	9,154	9,154	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	16	5,429	5,429	<b>13.20</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	17	5,828	5,829	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	18	6,660	6,660	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	19	6,886	6,886	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	20	9,777	9,777	<b>5.43</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	21	10,869	10,869	<b>4.04</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	22	3,877	3,877	<b>17.58</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	23	4,276	4,276	<b>16.32</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	24	6,142	6,142	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	25	4,723	4,723	<b>15.03</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	26	5,487	5,487	<b>13.06</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	27	6,275	6,275	<b>11.29</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	28	6,964	6,964	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	29	7,919	7,919	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	30	8,761	8,761	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	31	8,947	8,948	<b>6.60</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	32	9,307	9,307	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	33	9,568	9,568	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	34	10,922	10,922	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	35	5,107	5,108	<b>14.00</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	36	5,078	5,078	<b>14.08</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
	37	5,609	5,610	<b>12.77</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
	38	7,106	7,107	<b>9.64</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	39	7,399	7,399	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	40	7,882	7,882	<b>8.27</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	41	8,304	8,304	<b>7.59</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	42	7,482	7,482	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	43	7,785	7,786	<b>8.44</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	44	8,505	8,506	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	45	8,286	8,286	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	46	8,894	8,895	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	47	10,360	10,360	<b>4.67</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	48	11,469	11,470	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	49	12,807	12,807	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	50	13,638	13,638	<b>1.08</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	51	14,374	14,374	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	52	13,229	13,229	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	53	14,376	14,376	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	54	14,466	14,466	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	55	14,422	14,422	<b>0.35</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	56	15,258	15,258	<b>-0.38</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	57	13,945	13,945	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	58	13,973	13,973	<b>0.76</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	59	15,513	15,513	<b>-0.60</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	60	15,979	15,979	<b>-0.98</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 28.57

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H395 H395

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,966	5,966	<b>11.96</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	2	6,822	6,822	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	3	7,610	7,610	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	4	4,101	4,102	<b>16.86</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	5	4,315	4,316	<b>16.20</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	6	5,012	5,012	<b>14.25</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	7	4,168	4,168	<b>16.65</b>	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
	8	6,118	6,118	<b>11.62</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	9	5,302	5,302	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	10	4,823	4,823	<b>14.75</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	11	6,446	6,446	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	12	6,207	6,207	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	13	7,715	7,715	<b>8.56</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	14	8,359	8,359	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	15	9,143	9,143	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	16	5,437	5,437	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	17	5,829	5,829	<b>12.26</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	18	6,667	6,667	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	19	6,912	6,912	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	20	9,789	9,789	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	21	10,880	10,880	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	22	3,973	3,974	<b>17.26</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
	23	4,363	4,364	<b>16.06</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	24	6,196	6,197	<b>11.45</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	25	4,801	4,801	<b>14.81</b>	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
	26	5,534	5,535	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	27	6,345	6,345	<b>11.14</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	28	7,018	7,018	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	29	7,958	7,958	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	30	8,815	8,815	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	31	8,993	8,993	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	32	9,348	9,348	<b>6.02</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	33	9,594	9,594	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	34	10,948	10,948	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	35	5,247	5,247	<b>13.65</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	36	5,202	5,203	<b>13.76</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	37	5,726	5,726	<b>12.50</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	38	7,212	7,212	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	39	7,474	7,475	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	40	7,970	7,970	<b>8.13</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	41	8,377	8,377	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	42	7,612	7,612	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	43	7,902	7,903	<b>8.24</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	44	8,617	8,618	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	45	8,434	8,435	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	46	9,040	9,040	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	47	10,482	10,482	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	48	11,603	11,604	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	49	12,927	12,927	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	50	13,746	13,747	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	51	14,488	14,488	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	52	13,357	13,358	<b>1.35</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	53	14,507	14,507	<b>0.27</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	54	14,593	14,594	<b>0.20</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	55	14,540	14,541	<b>0.24</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	56	15,384	15,384	<b>-0.49</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
	57	14,092	14,092	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	58	14,115	14,115	<b>0.63</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	59	15,650	15,650	<b>-0.71</b>	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
	60	16,112	16,112	<b>-1.09</b>	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
Sum		28.57											

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H396 H396

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,555	5,555	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	2	6,466	6,466	<b>10.89</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	3	7,211	7,211	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	4	3,834	3,835	<b>17.72</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
	5	4,000	4,001	<b>17.18</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
	6	4,687	4,687	<b>15.13</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
	7	3,809	3,810	<b>17.80</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
	8	5,737	5,737	<b>12.47</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	9	4,892	4,892	<b>14.57</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	10	4,388	4,388	<b>15.99</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	11	6,000	6,000	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	12	5,741	5,741	<b>12.46</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	13	7,254	7,254	<b>9.37</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	14	7,891	7,891	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	15	8,675	8,675	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	16	4,967	4,967	<b>14.37</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	17	5,359	5,359	<b>13.37</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
	18	6,197	6,197	<b>11.45</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	19	6,446	6,446	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	20	9,319	9,319	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	21	10,410	10,410	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	22	3,585	3,586	<b>18.57</b>	108.5	0.00	82.09	-	-	0.00	0.00	-	0.00
	23	3,959	3,959	<b>17.31</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
	24	5,749	5,749	<b>12.44</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	25	4,380	4,381	<b>16.01</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
	26	5,081	5,081	<b>14.07</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	27	5,912	5,913	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	28	6,568	6,569	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	29	7,499	7,499	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	30	8,366	8,366	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	31	8,537	8,537	<b>7.22</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	32	8,889	8,889	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	33	9,128	9,129	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	34	10,481	10,481	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	35	4,960	4,961	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	36	4,871	4,872	<b>14.62</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	37	5,373	5,374	<b>13.33</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	38	6,834	6,834	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	39	7,048	7,048	<b>9.75</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	40	7,560	7,561	<b>8.82</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	41	7,947	7,947	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	42	7,291	7,292	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	43	7,547	7,548	<b>8.85</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	44	8,251	8,251	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	45	8,174	8,175	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	46	8,767	8,767	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	47	10,137	10,138	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	48	11,291	11,291	<b>3.54</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	49	12,576	12,576	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	50	13,370	13,370	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	51	14,123	14,123	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	52	13,029	13,029	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	53	14,184	14,184	<b>0.57</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	54	14,260	14,260	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	55	14,185	14,185	<b>0.57</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	56	15,046	15,047	<b>-0.20</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	57	13,823	13,823	<b>0.90</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	58	13,830	13,830	<b>0.90</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	59	15,343	15,343	<b>-0.45</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
	60	15,796	15,796	<b>-0.83</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00

Sum 29.53



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H397 H397

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,057	6,057	<b>11.76</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	2	6,945	6,945	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	3	7,709	7,709	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	4	4,255	4,256	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	5	4,454	4,455	<b>15.79</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	6	5,147	5,147	<b>13.90</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	7	4,288	4,289	<b>16.28</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
	8	6,228	6,228	<b>11.39</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	9	5,393	5,394	<b>13.29</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
	10	4,894	4,894	<b>14.56</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	11	6,505	6,505	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	12	6,233	6,233	<b>11.38</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	13	7,752	7,752	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	14	8,378	8,378	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	15	9,158	9,158	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	16	5,431	5,431	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	17	5,831	5,832	<b>12.26</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	18	6,662	6,662	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	19	6,887	6,887	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	20	9,779	9,779	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	21	10,871	10,871	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	22	3,870	3,871	<b>17.60</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	23	4,270	4,271	<b>16.34</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	24	6,139	6,140	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	25	4,719	4,719	<b>15.04</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	26	5,486	5,486	<b>13.06</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	27	6,271	6,272	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	28	6,962	6,962	<b>9.91</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	29	7,918	7,918	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	30	8,758	8,759	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	31	8,946	8,946	<b>6.60</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	32	9,306	9,306	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	33	9,568	9,568	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	34	10,923	10,923	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	35	5,097	5,097	<b>14.03</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	36	5,069	5,069	<b>14.10</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	37	5,601	5,602	<b>12.79</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
	38	7,099	7,100	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	39	7,395	7,395	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	40	7,877	7,877	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	41	8,300	8,300	<b>7.59</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	42	7,472	7,473	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	43	7,777	7,777	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	44	8,498	8,498	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	45	8,274	8,275	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	46	8,883	8,884	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	47	10,351	10,351	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	48	11,459	11,460	<b>3.35</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	49	12,798	12,798	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	50	13,630	13,631	<b>1.09</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	51	14,366	14,366	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	52	13,219	13,219	<b>1.48</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	53	14,366	14,367	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	54	14,457	14,457	<b>0.32</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	55	14,414	14,414	<b>0.36</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	56	15,249	15,249	<b>-0.37</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
	57	13,933	13,933	<b>0.80</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	58	13,962	13,962	<b>0.77</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	59	15,503	15,503	<b>-0.59</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	60	15,969	15,969	<b>-0.97</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 28.56

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H398 H398

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,075	6,075	<b>11.72</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	2	6,968	6,968	<b>9.90</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	3	7,729	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	4	4,284	4,285	<b>16.29</b>	108.5	0.00	83.64	-	-	0.00	0.00	-	0.00
	5	4,480	4,481	<b>15.71</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	6	5,173	5,173	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	7	4,311	4,312	<b>16.21</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	8	6,249	6,249	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	9	5,411	5,412	<b>13.24</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	10	4,908	4,908	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	11	6,518	6,518	<b>10.79</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	12	6,240	6,240	<b>11.36</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
	13	7,760	7,760	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	14	8,383	8,383	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	15	9,162	9,162	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	16	5,432	5,432	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	17	5,833	5,834	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	18	6,663	6,663	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	19	6,884	6,884	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	20	9,779	9,779	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	21	10,871	10,871	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	22	3,854	3,854	<b>17.66</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	23	4,255	4,256	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	24	6,131	6,131	<b>11.60</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	25	4,706	4,706	<b>15.07</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	26	5,479	5,479	<b>13.08</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	27	6,260	6,260	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	28	6,954	6,954	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	29	7,912	7,912	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	30	8,750	8,750	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	31	8,939	8,939	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	32	9,300	9,300	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	33	9,565	9,565	<b>5.72</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	34	10,920	10,920	<b>3.98</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	35	5,071	5,072	<b>14.10</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	36	5,046	5,047	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	37	5,580	5,581	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	38	7,080	7,081	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	39	7,382	7,382	<b>9.14</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	40	7,861	7,861	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	41	8,287	8,288	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	42	7,448	7,449	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	43	7,756	7,756	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	44	8,477	8,478	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	45	8,246	8,247	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	46	8,856	8,856	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	47	10,328	10,328	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	48	11,434	11,435	<b>3.38</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	49	12,776	12,776	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	50	13,611	13,611	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	51	14,345	14,345	<b>0.42</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	52	13,195	13,195	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	53	14,342	14,342	<b>0.42</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	54	14,433	14,433	<b>0.34</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	55	14,392	14,392	<b>0.38</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
	56	15,225	15,225	<b>-0.35</b>	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	57	13,905	13,906	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	58	13,935	13,935	<b>0.80</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	59	15,477	15,477	<b>-0.57</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
	60	15,944	15,944	<b>-0.95</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00

Sum 28.56

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H399 H399

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,134	6,134	<b>11.59</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	2	7,034	7,034	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	3	7,790	7,790	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	4	4,355	4,355	<b>16.08</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	5	4,549	4,549	<b>15.52</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
	6	5,241	5,241	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	7	4,377	4,378	<b>16.02</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
	8	6,312	6,312	<b>11.21</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	9	5,471	5,471	<b>13.10</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	10	4,963	4,963	<b>14.38</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	11	6,569	6,569	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	12	6,282	6,282	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	13	7,804	7,804	<b>8.41</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	14	8,422	8,422	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	15	9,200	9,200	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	16	5,464	5,464	<b>13.11</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	17	5,868	5,868	<b>12.17</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
	18	6,695	6,695	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	19	6,909	6,909	<b>10.02</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	20	9,809	9,809	<b>5.39</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	21	10,901	10,901	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	22	3,850	3,850	<b>17.67</b>	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
	23	4,255	4,256	<b>16.38</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	24	6,144	6,145	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	25	4,710	4,710	<b>15.06</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	26	5,495	5,496	<b>13.04</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
	27	6,267	6,267	<b>11.31</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	28	6,967	6,968	<b>9.90</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	29	7,932	7,932	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	30	8,763	8,763	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	31	8,956	8,956	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	32	9,319	9,319	<b>6.07</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	33	9,589	9,589	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	34	10,944	10,944	<b>3.95</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	35	5,043	5,044	<b>14.17</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	36	5,027	5,028	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	37	5,565	5,566	<b>12.87</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	38	7,071	7,071	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	39	7,386	7,386	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	40	7,860	7,860	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	41	8,293	8,293	<b>7.60</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	42	7,425	7,426	<b>9.06</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	43	7,740	7,740	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	44	8,464	8,464	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	45	8,212	8,213	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	46	8,824	8,824	<b>6.78</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	47	10,309	10,310	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	48	11,409	11,409	<b>3.41</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	49	12,758	12,758	<b>1.95</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	50	13,599	13,599	<b>1.12</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	51	14,330	14,331	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	52	13,173	13,173	<b>1.53</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	53	14,318	14,318	<b>0.45</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	54	14,412	14,412	<b>0.36</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	55	14,375	14,375	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	56	15,204	15,204	<b>-0.34</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	57	13,872	13,872	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	58	13,904	13,904	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	59	15,450	15,450	<b>-0.54</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	60	15,919	15,919	<b>-0.93</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00

Sum 28.50

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H400 H400

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,080	6,080	<b>11.71</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
2	6,987	6,987	<b>9.87</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
3	7,737	7,737	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
4	4,320	4,320	<b>16.19</b>	108.5	0.00	83.71	-	-	0.00	0.00	-	0.00
5	4,508	4,508	<b>15.63</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
6	5,198	5,199	<b>13.77</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
7	4,330	4,331	<b>16.16</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
8	6,262	6,263	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
9	5,417	5,417	<b>13.23</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
10	4,905	4,905	<b>14.53</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
11	6,509	6,509	<b>10.80</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
12	6,219	6,219	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
13	7,742	7,743	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
14	8,359	8,359	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
15	9,137	9,137	<b>6.33</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
16	5,400	5,400	<b>13.27</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
17	5,804	5,804	<b>12.32</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
18	6,631	6,631	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
19	6,845	6,845	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
20	9,745	9,745	<b>5.48</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
21	10,837	10,837	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
22	3,792	3,793	<b>17.86</b>	108.5	0.00	82.58	-	-	0.00	0.00	-	0.00
23	4,197	4,197	<b>16.56</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
24	6,082	6,082	<b>11.70</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
25	4,650	4,650	<b>15.23</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
26	5,432	5,433	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
27	6,206	6,206	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
28	6,905	6,905	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
29	7,868	7,869	<b>8.30</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
30	8,701	8,701	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
31	8,893	8,893	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
32	9,255	9,256	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
33	9,525	9,525	<b>5.78</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
34	10,880	10,880	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
35	4,999	5,000	<b>14.28</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
36	4,977	4,978	<b>14.34</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
37	5,513	5,514	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
38	7,016	7,016	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
39	7,326	7,326	<b>9.24</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
40	7,802	7,802	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
41	8,232	8,233	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
42	7,378	7,379	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
43	7,688	7,689	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
44	8,411	8,412	<b>7.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
45	8,173	8,174	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
46	8,783	8,783	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
47	10,260	10,260	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
48	11,363	11,364	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
49	12,708	12,708	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
50	13,545	13,545	<b>1.17</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
51	14,278	14,279	<b>0.48</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
52	13,125	13,125	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
53	14,272	14,272	<b>0.49</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
54	14,364	14,364	<b>0.40</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
55	14,324	14,324	<b>0.44</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
56	15,156	15,156	<b>-0.29</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
57	13,832	13,832	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
58	13,862	13,862	<b>0.87</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
59	15,406	15,406	<b>-0.51</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
60	15,873	15,873	<b>-0.89</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00

Sum 28.62

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H401 H401

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,114	7,114	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	2	8,006	8,006	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	3	8,770	8,770	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	4	5,278	5,279	<b>13.57</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	5	5,502	5,503	<b>13.02</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	6	6,199	6,199	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	7	5,350	5,350	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	8	7,291	7,291	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	9	6,451	6,451	<b>10.92</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	10	5,934	5,934	<b>12.03</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	11	7,528	7,528	<b>8.88</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	12	7,197	7,197	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	13	8,733	8,733	<b>6.92</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	14	9,318	9,318	<b>6.07</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	15	10,087	10,087	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	16	6,319	6,319	<b>11.20</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	17	6,738	6,738	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	18	7,546	7,547	<b>8.85</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	19	7,706	7,706	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	20	10,637	10,638	<b>4.33</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	21	11,731	11,731	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	22	4,405	4,405	<b>15.93</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	23	4,844	4,844	<b>14.70</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	24	6,847	6,847	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	25	5,336	5,336	<b>13.43</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	26	6,232	6,232	<b>11.38</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	27	6,907	6,907	<b>10.02</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	28	7,668	7,668	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	29	8,679	8,679	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	30	9,450	9,451	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	31	9,677	9,677	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	32	10,054	10,054	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	33	10,373	10,373	<b>4.66</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	34	11,728	11,728	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	35	5,287	5,287	<b>13.55</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	36	5,386	5,387	<b>13.30</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	37	5,969	5,969	<b>11.95</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
	38	7,520	7,520	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	39	7,991	7,991	<b>8.09</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	40	8,400	8,400	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	41	8,903	8,903	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	42	7,708	7,708	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	43	8,113	8,113	<b>7.89</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	44	8,863	8,863	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	45	8,327	8,328	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	46	8,964	8,964	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	47	10,627	10,628	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	48	11,632	11,632	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	49	13,081	13,081	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	50	13,994	13,994	<b>0.74</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	51	14,689	14,689	<b>0.11</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
	52	13,430	13,430	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	53	14,554	14,555	<b>0.23</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	54	14,677	14,677	<b>0.12</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	55	14,704	14,704	<b>0.10</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	56	15,477	15,477	<b>-0.57</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
	57	13,967	13,967	<b>0.77</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	58	14,042	14,043	<b>0.70</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	59	15,638	15,638	<b>-0.70</b>	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
	60	16,132	16,132	<b>-1.10</b>	108.5	0.00	95.15	-	-	0.00	0.00	-	0.00

Sum 26.91

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H402 H402

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,342	6,342	<b>11.15</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	2	7,347	7,347	<b>9.20</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	3	8,018	8,018	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	4	4,798	4,798	<b>14.82</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	5	4,935	4,935	<b>14.45</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	6	5,610	5,610	<b>12.77</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
	7	4,701	4,702	<b>15.09</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	8	6,584	6,584	<b>10.65</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	9	5,685	5,686	<b>12.59</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
	10	5,112	5,112	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	11	6,664	6,665	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	12	6,270	6,270	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	13	7,816	7,816	<b>8.39</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	14	8,372	8,372	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	15	9,134	9,134	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	16	5,354	5,355	<b>13.38</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	17	5,780	5,780	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	18	6,578	6,578	<b>10.66</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	19	6,723	6,723	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	20	9,660	9,660	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	21	10,752	10,753	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	22	3,445	3,446	<b>19.08</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
	23	3,876	3,877	<b>17.58</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	24	5,862	5,862	<b>12.19</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	25	4,360	4,361	<b>16.07</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	26	5,245	5,245	<b>13.65</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	27	5,931	5,931	<b>12.03</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	28	6,683	6,684	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	29	7,692	7,692	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	30	8,468	8,468	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	31	8,691	8,691	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	32	9,068	9,068	<b>6.43</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	33	9,387	9,387	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	34	10,743	10,743	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	35	4,482	4,483	<b>15.71</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	36	4,514	4,515	<b>15.62</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	37	5,076	5,076	<b>14.08</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
	38	6,609	6,609	<b>10.60</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	39	7,024	7,024	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	40	7,454	7,454	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	41	7,935	7,936	<b>8.18</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	42	6,885	6,886	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	43	7,240	7,240	<b>9.40</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	44	7,978	7,978	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	45	7,618	7,619	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	46	8,237	8,238	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	47	9,788	9,788	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	48	10,852	10,852	<b>4.06</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	49	12,241	12,241	<b>2.49</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	50	13,115	13,115	<b>1.59</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	51	13,830	13,830	<b>0.90</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	52	12,629	12,629	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	53	13,767	13,768	<b>0.96</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	54	13,872	13,872	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	55	13,861	13,861	<b>0.87</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	56	14,667	14,668	<b>0.13</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	57	13,277	13,277	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	58	13,321	13,321	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	59	14,883	14,883	<b>-0.06</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	60	15,360	15,361	<b>-0.47</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00

Sum 28.87

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H403 H403

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,351	7,351	<b>9.20</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	2	8,353	8,353	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	3	9,028	9,028	<b>6.48</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	4	5,752	5,752	<b>12.44</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	5	5,918	5,918	<b>12.06</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	6	6,600	6,600	<b>10.62</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	7	5,703	5,703	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	8	7,594	7,594	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	9	6,695	6,696	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	10	6,114	6,115	<b>11.63</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	11	7,650	7,650	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	12	7,210	7,211	<b>9.45</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	13	8,763	8,763	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	14	9,281	9,282	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	15	10,030	10,030	<b>5.10</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	16	6,239	6,239	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
	17	6,676	6,676	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	18	7,448	7,448	<b>9.02</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	19	7,533	7,534	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	20	10,488	10,488	<b>4.51</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	21	11,578	11,578	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	22	4,047	4,047	<b>17.03</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	23	4,502	4,503	<b>15.65</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	24	6,578	6,578	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	25	5,016	5,017	<b>14.24</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	26	6,005	6,006	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	27	6,577	6,577	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	28	7,389	7,389	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	29	8,440	8,440	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	30	9,145	9,145	<b>6.31</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	31	9,404	9,404	<b>5.95</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	32	9,795	9,795	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	33	10,166	10,167	<b>4.92</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	34	11,517	11,517	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	35	4,703	4,704	<b>15.08</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	36	4,868	4,868	<b>14.63</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	37	5,470	5,470	<b>13.10</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	38	7,036	7,036	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	39	7,620	7,620	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	40	7,975	7,975	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	41	8,530	8,530	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	42	7,122	7,122	<b>9.61</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	43	7,575	7,576	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	44	8,337	8,337	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	45	7,661	7,662	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	46	8,306	8,307	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	47	10,048	10,048	<b>5.07</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	48	11,002	11,002	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	49	12,498	12,498	<b>2.22</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	50	13,450	13,450	<b>1.26</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	51	14,122	14,122	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	52	12,812	12,812	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	53	13,925	13,926	<b>0.81</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	54	14,062	14,062	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	55	14,120	14,120	<b>0.63</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	56	14,864	14,864	<b>-0.04</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	57	13,282	13,282	<b>1.42</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	58	13,373	13,373	<b>1.33</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	59	14,987	14,987	<b>-0.15</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	60	15,490	15,490	<b>-0.58</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00

Sum 27.31

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H404 H404

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,174	8,174	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	2	9,128	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	3	9,844	9,844	<b>5.34</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	4	6,441	6,442	<b>10.94</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
	5	6,650	6,650	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	6	7,342	7,342	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	7	6,472	6,472	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	8	8,391	8,391	<b>7.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	9	7,514	7,514	<b>8.91</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	10	6,953	6,953	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	11	8,503	8,503	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	12	8,076	8,076	<b>7.95</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	13	9,628	9,628	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	14	10,147	10,147	<b>4.95</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	15	10,894	10,894	<b>4.01</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	16	7,102	7,102	<b>9.65</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	17	7,541	7,541	<b>8.86</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	18	8,309	8,309	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	19	8,382	8,382	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	20	11,339	11,339	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	21	12,428	12,428	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	22	4,844	4,845	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	23	5,304	5,304	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	24	7,400	7,400	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	25	5,825	5,825	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	26	6,843	6,843	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	27	7,374	7,374	<b>9.15</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	28	8,205	8,205	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	29	9,269	9,269	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	30	9,947	9,947	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	31	10,219	10,219	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	32	10,615	10,615	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	33	11,004	11,004	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	34	12,352	12,352	<b>2.37</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	35	5,311	5,312	<b>13.49</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	36	5,546	5,546	<b>12.92</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
	37	6,160	6,161	<b>11.53</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	38	7,729	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	39	8,391	8,392	<b>7.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	40	8,710	8,710	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	41	9,298	9,298	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	42	7,705	7,705	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	43	8,213	8,214	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	44	8,984	8,984	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	45	8,111	8,111	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	46	8,767	8,767	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	47	10,625	10,625	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	48	11,502	11,502	<b>3.30</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	49	13,063	13,063	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	50	14,061	14,061	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	51	14,705	14,705	<b>0.10</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	52	13,327	13,327	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	53	14,420	14,420	<b>0.35</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	54	14,578	14,578	<b>0.21</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	55	14,682	14,682	<b>0.12</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
	56	15,382	15,382	<b>-0.49</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
	57	13,668	13,668	<b>1.05</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	58	13,793	13,793	<b>0.93</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	59	15,439	15,439	<b>-0.53</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	60	15,960	15,960	<b>-0.97</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 25.77



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H405 H405

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,808	8,808	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
2	9,752	9,752	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
3	10,478	10,478	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
4	7,039	7,039	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
5	7,262	7,262	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
6	7,957	7,957	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
7	7,095	7,096	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
8	9,020	9,020	<b>6.49</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
9	8,148	8,149	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
10	7,588	7,588	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
11	9,137	9,137	<b>6.33</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
12	8,698	8,698	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
13	10,252	10,252	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
14	10,759	10,759	<b>4.18</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
15	11,501	11,501	<b>3.30</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
16	7,709	7,710	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
17	8,151	8,151	<b>7.83</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
18	8,910	8,910	<b>6.66</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
19	8,963	8,963	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
20	11,922	11,922	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
21	13,008	13,008	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
22	5,378	5,379	<b>13.32</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
23	5,839	5,840	<b>12.24</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
24	7,950	7,950	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
25	6,364	6,365	<b>11.10</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
26	7,411	7,412	<b>9.09</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
27	7,898	7,899	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
28	8,748	8,748	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
29	9,824	9,824	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
30	10,472	10,472	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
31	10,757	10,757	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
32	11,158	11,158	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
33	11,567	11,567	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
34	12,911	12,911	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
35	5,691	5,692	<b>12.58</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
36	5,977	5,977	<b>11.93</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
37	6,597	6,598	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
38	8,160	8,160	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
39	8,890	8,890	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
40	9,175	9,175	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
41	9,791	9,791	<b>5.42</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
42	8,048	8,048	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
43	8,598	8,599	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
44	9,373	9,373	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
45	8,348	8,348	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
46	9,010	9,010	<b>6.51</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
47	10,952	10,952	<b>3.94</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
48	11,765	11,765	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
49	13,375	13,375	<b>1.33</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
50	14,410	14,410	<b>0.36</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
51	15,028	15,029	<b>-0.18</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
52	13,598	13,598	<b>1.12</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
53	14,671	14,671	<b>0.13</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
54	14,847	14,847	<b>-0.03</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
55	14,988	14,988	<b>-0.15</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
56	15,651	15,651	<b>-0.71</b>	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
57	13,835	13,835	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
58	13,988	13,988	<b>0.75</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
59	15,656	15,656	<b>-0.72</b>	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
60	16,190	16,190	<b>-1.15</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00

Sum 24.84

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H406 H406

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,918	7,918	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	2	9,008	9,008	<b>6.51</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	3	9,601	9,601	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	4	6,517	6,517	<b>10.79</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	5	6,641	6,641	<b>10.54</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	6	7,308	7,308	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	7	6,381	6,381	<b>11.07</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	8	8,216	8,216	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	9	7,274	7,275	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	10	6,643	6,644	<b>10.53</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	11	8,107	8,107	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	12	7,563	7,564	<b>8.82</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	13	9,119	9,119	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	14	9,561	9,561	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	15	10,282	10,282	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	16	6,505	6,505	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	17	6,955	6,956	<b>9.93</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	18	7,677	7,677	<b>8.62</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	19	7,677	7,677	<b>8.62</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	20	10,633	10,633	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	21	11,713	11,713	<b>3.06</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	22	4,034	4,035	<b>17.07</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	23	4,495	4,496	<b>15.67</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	24	6,617	6,617	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	25	5,023	5,023	<b>14.22</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	26	6,107	6,107	<b>11.65</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	27	6,538	6,539	<b>10.75</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	28	7,403	7,404	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	29	8,493	8,494	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	30	9,109	9,109	<b>6.37</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	31	9,406	9,406	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	32	9,812	9,812	<b>5.39</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	33	10,246	10,246	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	34	11,583	11,583	<b>3.21</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	35	4,316	4,317	<b>16.20</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	36	4,589	4,589	<b>15.40</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	37	5,209	5,209	<b>13.74</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
	38	6,772	6,773	<b>10.28</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	39	7,512	7,512	<b>8.91</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	40	7,787	7,787	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	41	8,410	8,410	<b>7.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	42	6,695	6,695	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	43	7,223	7,224	<b>9.43</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	44	7,996	7,997	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	45	7,084	7,085	<b>9.68</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	46	7,740	7,741	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	47	9,610	9,610	<b>5.66</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	48	10,476	10,476	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	49	12,045	12,045	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	50	13,055	13,055	<b>1.65</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	51	13,690	13,690	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	52	12,302	12,302	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	53	13,393	13,393	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	54	13,552	13,553	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	55	13,662	13,663	<b>1.06</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	56	14,356	14,356	<b>0.41</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	57	12,649	12,650	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	58	12,770	12,770	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	59	14,413	14,413	<b>0.36</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	60	14,933	14,934	<b>-0.10</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00

Sum 27.25

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H407 H407

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,673	8,673	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
2	9,734	9,734	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
3	10,356	10,356	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
4	7,175	7,176	<b>9.52</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
5	7,330	7,331	<b>9.23</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
6	8,007	8,007	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
7	7,095	7,095	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
8	8,955	8,955	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
9	8,026	8,026	<b>8.03</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
10	7,406	7,406	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
11	8,881	8,881	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
12	8,340	8,340	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
13	9,896	9,896	<b>5.28</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
14	10,333	10,333	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
15	11,050	11,050	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
16	7,277	7,277	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
17	7,728	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
18	8,444	8,444	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
19	8,428	8,428	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
20	11,381	11,381	<b>3.44</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
21	12,457	12,457	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
22	4,761	4,761	<b>14.92</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
23	5,220	5,220	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
24	7,344	7,344	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
25	5,748	5,748	<b>12.45</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
26	6,853	6,853	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
27	7,240	7,240	<b>9.40</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
28	8,120	8,121	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
29	9,220	9,220	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
30	9,803	9,803	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
31	10,114	10,114	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
32	10,524	10,524	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
33	10,977	10,977	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
34	12,308	12,308	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
35	4,862	4,863	<b>14.65</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
36	5,197	5,197	<b>13.77</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
37	5,819	5,820	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
38	7,368	7,369	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
39	8,182	8,182	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
40	8,418	8,418	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
41	9,072	9,072	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
42	7,180	7,181	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
43	7,760	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
44	8,536	8,537	<b>7.22</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
45	7,430	7,430	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
46	8,093	8,093	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
47	10,069	10,070	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
48	10,853	10,853	<b>4.06</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
49	12,482	12,482	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
50	13,537	13,537	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
51	14,141	14,141	<b>0.61</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
52	12,687	12,687	<b>2.02</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
53	13,754	13,754	<b>0.97</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
54	13,935	13,935	<b>0.80</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
55	14,092	14,092	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
56	14,739	14,739	<b>0.07</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
57	12,903	12,903	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
58	13,058	13,058	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
59	14,730	14,730	<b>0.08</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
60	15,266	15,266	<b>-0.39</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00

Sum 25.88

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H408 H408

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,351	9,351	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	2	10,333	10,333	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	3	11,027	11,027	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	4	7,653	7,653	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	5	7,862	7,862	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	6	8,553	8,553	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	7	7,678	7,678	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	8	9,587	9,587	<b>5.69</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	9	8,695	8,695	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	10	8,112	8,112	<b>7.89</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	11	9,633	9,633	<b>5.63</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	12	9,146	9,146	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	13	10,702	10,703	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	14	11,173	11,173	<b>3.68</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	15	11,901	11,901	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	16	8,117	8,117	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	17	8,564	8,564	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	18	9,299	9,299	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	19	9,308	9,308	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	20	12,265	12,265	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	21	13,345	13,345	<b>1.36</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	22	5,661	5,661	<b>12.65</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	23	6,121	6,121	<b>11.62</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	24	8,244	8,244	<b>7.68</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	25	6,649	6,649	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	26	7,739	7,739	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	27	8,151	8,151	<b>7.83</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	28	9,026	9,026	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	29	10,121	10,121	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	30	10,716	10,716	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	31	11,023	11,023	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	32	11,432	11,432	<b>3.38</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	33	11,875	11,875	<b>2.88</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	34	13,210	13,210	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	35	5,766	5,766	<b>12.40</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	36	6,112	6,112	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	37	6,734	6,735	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	38	8,280	8,281	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	39	9,099	9,099	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	40	9,335	9,335	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	41	9,989	9,989	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	42	8,060	8,060	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	43	8,657	8,657	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	44	9,433	9,434	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	45	8,241	8,241	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	46	8,905	8,905	<b>6.66</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	47	10,933	10,933	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	48	11,672	11,672	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	49	13,332	13,332	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	50	14,407	14,407	<b>0.36</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	51	14,996	14,996	<b>-0.16</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	52	13,508	13,509	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	53	14,559	14,560	<b>0.23</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	54	14,753	14,753	<b>0.06</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
	55	14,936	14,936	<b>-0.10</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
	56	15,556	15,556	<b>-0.63</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	57	13,638	13,639	<b>1.08</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
	58	13,817	13,818	<b>0.91</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	59	15,505	15,506	<b>-0.59</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	60	16,052	16,052	<b>-1.04</b>	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00

Sum 24.36

windPRO 3.0.654 for EMD International A/S - Tel: +45 96 35 44 44, www.emd.dk, windpro@emd.dk

7/5/2016 4:16 PM / 241

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H409 H409

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,550	9,550	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	2	10,544	10,545	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	3	11,228	11,228	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	4	7,875	7,875	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	5	8,079	8,080	<b>7.95</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	6	8,770	8,770	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	7	7,890	7,890	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	8	9,793	9,793	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	9	8,895	8,896	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	10	8,305	8,306	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	11	9,817	9,817	<b>5.38</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	12	9,314	9,314	<b>6.07</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	13	10,870	10,870	<b>4.04</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	14	11,328	11,328	<b>3.50</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	15	12,051	12,051	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	16	8,271	8,272	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	17	8,721	8,721	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	18	9,447	9,447	<b>5.89</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	19	9,441	9,441	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	20	12,396	12,396	<b>2.32</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	21	13,472	13,473	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	22	5,778	5,778	<b>12.38</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	23	6,236	6,237	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
	24	8,360	8,361	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	25	6,765	6,765	<b>10.30</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	26	7,868	7,868	<b>8.30</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	27	8,253	8,254	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	28	9,136	9,137	<b>6.33</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	29	10,236	10,237	<b>4.83</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	30	10,814	10,814	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	31	11,128	11,128	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	32	11,539	11,539	<b>3.26</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	33	11,994	11,994	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	34	13,324	13,324	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	35	5,812	5,812	<b>12.30</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	36	6,177	6,178	<b>11.49</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	37	6,799	6,800	<b>10.23</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	38	8,337	8,337	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	39	9,185	9,185	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	40	9,404	9,404	<b>5.95</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	41	10,071	10,071	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	42	8,079	8,079	<b>7.95</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	43	8,692	8,692	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	44	9,467	9,468	<b>5.86</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	45	8,216	8,216	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	46	8,880	8,880	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	47	10,937	10,937	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	48	11,649	11,649	<b>3.14</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	49	13,325	13,326	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	50	14,415	14,415	<b>0.36</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	51	14,993	14,993	<b>-0.15</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	52	13,485	13,486	<b>1.22</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	53	14,528	14,528	<b>0.26</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	54	14,728	14,728	<b>0.08</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	55	14,925	14,926	<b>-0.09</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
	56	15,530	15,530	<b>-0.61</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	57	13,576	13,576	<b>1.14</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	58	13,765	13,765	<b>0.96</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	59	15,459	15,459	<b>-0.55</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	60	16,010	16,011	<b>-1.01</b>	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00

Sum 24.19

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H410 H410

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,469	9,469	<b>5.86</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	2	10,495	10,495	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	3	11,150	11,150	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	4	7,866	7,867	<b>8.30</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	5	8,053	8,053	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	6	8,738	8,738	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	7	7,845	7,845	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	8	9,731	9,731	<b>5.50</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	9	8,818	8,818	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	10	8,212	8,212	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	11	9,703	9,703	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	12	9,174	9,174	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	13	10,730	10,730	<b>4.21</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	14	11,169	11,169	<b>3.69</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	15	11,885	11,885	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	16	8,113	8,114	<b>7.89</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	17	8,565	8,565	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	18	9,279	9,279	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	19	9,256	9,256	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	20	12,206	12,206	<b>2.52</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	21	13,280	13,280	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	22	5,578	5,578	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	23	6,035	6,035	<b>11.80</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	24	8,158	8,158	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	25	6,562	6,563	<b>10.70</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	26	7,678	7,678	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	27	8,038	8,038	<b>8.01</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	28	8,928	8,928	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	29	10,033	10,033	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	30	10,593	10,593	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	31	10,913	10,914	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	32	11,326	11,326	<b>3.50</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	33	11,792	11,792	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	34	13,118	13,118	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	35	5,558	5,559	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	36	5,935	5,936	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	37	6,557	6,557	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	38	8,088	8,089	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	39	8,956	8,956	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	40	9,163	9,163	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	41	9,838	9,838	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	42	7,812	7,812	<b>8.39</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	43	8,431	8,432	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	44	9,207	9,207	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	45	7,938	7,938	<b>8.18</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	46	8,602	8,602	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	47	10,665	10,665	<b>4.29</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	48	11,371	11,371	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	49	13,051	13,051	<b>1.65</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	50	14,144	14,144	<b>0.60</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	51	14,719	14,719	<b>0.09</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	52	13,207	13,208	<b>1.50</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	53	14,249	14,249	<b>0.51</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	54	14,450	14,450	<b>0.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	55	14,650	14,650	<b>0.15</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	56	15,252	15,252	<b>-0.38</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	57	13,297	13,297	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	58	13,485	13,485	<b>1.23</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	59	15,179	15,180	<b>-0.31</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	60	15,731	15,731	<b>-0.78</b>	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00

Sum 24.51

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H411 H411

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,546	8,546	<b>7.21</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	2	9,695	9,695	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	3	10,228	10,228	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	4	7,283	7,283	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	5	7,381	7,382	<b>9.14</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	6	8,036	8,036	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	7	7,094	7,094	<b>9.67</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	8	8,883	8,883	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	9	7,915	7,915	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	10	7,253	7,253	<b>9.37</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	11	8,653	8,653	<b>7.04</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	12	8,032	8,032	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	13	9,579	9,579	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	14	9,957	9,957	<b>5.19</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	15	10,651	10,651	<b>4.31</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	16	6,916	6,917	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	17	7,372	7,372	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	18	8,045	8,045	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	19	7,972	7,972	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	20	10,908	10,908	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	21	11,973	11,973	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	22	4,270	4,270	<b>16.34</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	23	4,719	4,720	<b>15.04</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	24	6,835	6,835	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	25	5,244	5,244	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	26	6,388	6,388	<b>11.05</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	27	6,688	6,688	<b>10.45</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	28	7,590	7,590	<b>8.77</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	29	8,703	8,703	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	30	9,232	9,232	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	31	9,562	9,562	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	32	9,978	9,978	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	33	10,465	10,465	<b>4.54</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	34	11,782	11,782	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	35	4,178	4,179	<b>16.62</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	36	4,553	4,554	<b>15.50</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
	37	5,174	5,174	<b>13.83</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
	38	6,705	6,706	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	39	7,584	7,584	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	40	7,780	7,781	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	41	8,462	8,462	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	42	6,460	6,460	<b>10.90</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	43	7,060	7,061	<b>9.73</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	44	7,837	7,837	<b>8.35</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	45	6,679	6,679	<b>10.46</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	46	7,342	7,342	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	47	9,337	9,337	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	48	10,104	10,104	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	49	11,742	11,742	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	50	12,809	12,809	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	51	13,404	13,404	<b>1.30</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	52	11,938	11,939	<b>2.81</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	53	13,003	13,003	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	54	13,186	13,186	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	55	13,350	13,350	<b>1.36</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	56	13,990	13,990	<b>0.75</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	57	12,152	12,153	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	58	12,305	12,306	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	59	13,976	13,977	<b>0.76</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	60	14,513	14,514	<b>0.27</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00

Sum 26.91

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H412 H412

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,490	9,490	5.83	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
2	10,626	10,626	4.34	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
3	11,172	11,172	3.68	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
4	8,164	8,165	7.81	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
5	8,285	8,285	7.62	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
6	8,948	8,948	6.60	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
7	8,014	8,014	8.06	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
8	9,820	9,820	5.38	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
9	8,857	8,857	6.73	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
10	8,198	8,198	7.76	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
11	9,597	9,597	5.68	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
12	8,965	8,965	6.58	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
13	10,508	10,508	4.49	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
14	10,867	10,867	4.05	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
15	11,550	11,550	3.25	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
16	7,836	7,836	8.35	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
17	8,292	8,292	7.60	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
18	8,949	8,949	6.60	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
19	8,847	8,847	6.75	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
20	11,766	11,766	3.01	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
21	12,822	12,822	1.88	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
22	5,140	5,140	13.92	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
23	5,580	5,580	12.84	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
24	7,678	7,678	8.62	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
25	6,099	6,099	11.66	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
26	7,263	7,263	9.36	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
27	7,495	7,495	8.94	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
28	8,412	8,412	7.42	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
29	9,533	9,533	5.77	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
30	10,009	10,009	5.13	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
31	10,359	10,359	4.67	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
32	10,779	10,779	4.15	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
33	11,295	11,295	3.54	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
34	12,598	12,598	2.11	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
35	4,822	4,823	14.75	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
36	5,267	5,267	13.60	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
37	5,877	5,878	12.15	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
38	7,364	7,365	9.17	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
39	8,338	8,338	7.53	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
40	8,477	8,477	7.31	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
41	9,196	9,196	6.24	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
42	6,972	6,973	9.89	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
43	7,634	7,634	8.70	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
44	8,405	8,405	7.43	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
45	6,998	6,998	9.85	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
46	7,660	7,661	8.65	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
47	9,780	9,780	5.43	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
48	10,429	10,429	4.59	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
49	12,139	12,140	2.60	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
50	13,263	13,263	1.44	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
51	13,812	13,812	0.91	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
52	12,264	12,264	2.46	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
53	13,290	13,290	1.42	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
54	13,501	13,502	1.21	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
55	13,728	13,729	0.99	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
56	14,302	14,302	0.46	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
57	12,300	12,300	2.43	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
58	12,498	12,498	2.22	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
59	14,200	14,200	0.55	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
60	14,757	14,757	0.05	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 25.40



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H413 H413

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,472	9,472	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	2	10,611	10,611	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	3	11,154	11,154	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	4	8,156	8,156	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	5	8,274	8,274	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	6	8,936	8,936	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	7	8,000	8,001	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	8	9,804	9,804	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	9	8,840	8,840	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	10	8,179	8,179	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	11	9,576	9,576	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	12	8,941	8,941	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	13	10,483	10,483	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	14	10,840	10,840	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	15	11,522	11,523	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	16	7,810	7,811	<b>8.39</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	17	8,267	8,267	<b>7.65</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	18	8,922	8,922	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	19	8,818	8,818	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	20	11,736	11,736	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	21	12,791	12,792	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	22	5,111	5,112	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	23	5,551	5,551	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	24	7,647	7,648	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	25	6,069	6,069	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	26	7,234	7,234	<b>9.41</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	27	7,464	7,464	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	28	8,381	8,381	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	29	9,502	9,502	<b>5.81</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	30	9,977	9,977	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	31	10,327	10,327	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	32	10,747	10,748	<b>4.19</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	33	11,264	11,264	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	34	12,567	12,567	<b>2.14</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	35	4,788	4,788	<b>14.85</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	36	5,234	5,234	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	37	5,844	5,844	<b>12.23</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	38	7,330	7,330	<b>9.23</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	39	8,305	8,305	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	40	8,443	8,443	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	41	9,162	9,163	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	42	6,937	6,938	<b>9.96</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	43	7,599	7,600	<b>8.76</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	44	8,370	8,371	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	45	6,964	6,964	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	46	7,626	7,627	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	47	9,745	9,745	<b>5.48</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	48	10,395	10,395	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	49	12,105	12,105	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	50	13,228	13,228	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	51	13,778	13,778	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	52	12,230	12,230	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	53	13,256	13,257	<b>1.45</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	54	13,468	13,468	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	55	13,694	13,694	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	56	14,268	14,268	<b>0.49</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	57	12,268	12,268	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	58	12,465	12,466	<b>2.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	59	14,167	14,167	<b>0.58</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	60	14,724	14,724	<b>0.08</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00

Sum 25.46

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H414 H414

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,447	9,447	<b>5.89</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
2	10,590	10,590	<b>4.39</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
3	11,128	11,128	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
4	8,142	8,142	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
5	8,257	8,257	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
6	8,918	8,918	<b>6.65</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
7	7,981	7,981	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
8	9,781	9,781	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
9	8,815	8,815	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
10	8,153	8,153	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
11	9,546	9,546	<b>5.75</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
12	8,907	8,908	<b>6.66</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
13	10,449	10,449	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	10,804	10,804	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
15	11,485	11,485	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
16	7,775	7,775	<b>8.45</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
17	8,231	8,232	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
18	8,885	8,885	<b>6.69</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
19	8,779	8,779	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
20	11,696	11,696	<b>3.08</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
21	12,751	12,751	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
22	5,072	5,073	<b>14.09</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
23	5,511	5,511	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
24	7,607	7,607	<b>8.74</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
25	6,029	6,029	<b>11.82</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
26	7,195	7,195	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
27	7,421	7,422	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
28	8,339	8,339	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
29	9,461	9,461	<b>5.87</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
30	9,934	9,934	<b>5.22</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
31	10,284	10,284	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
32	10,705	10,705	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
33	11,223	11,223	<b>3.62</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
34	12,525	12,525	<b>2.19</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
35	4,743	4,743	<b>14.97</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
36	5,189	5,190	<b>13.79</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
37	5,799	5,800	<b>12.33</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
38	7,285	7,285	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
39	8,261	8,261	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
40	8,398	8,398	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
41	9,118	9,118	<b>6.35</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
42	6,892	6,892	<b>10.05</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
43	7,553	7,554	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
44	8,324	8,325	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
45	6,919	6,920	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
46	7,582	7,583	<b>8.79</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
47	9,700	9,700	<b>5.54</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
48	10,351	10,351	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
49	12,060	12,060	<b>2.68</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
50	13,183	13,183	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
51	13,733	13,733	<b>0.99</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
52	12,186	12,186	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
53	13,213	13,213	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
54	13,424	13,424	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
55	13,649	13,650	<b>1.07</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
56	14,225	14,225	<b>0.53</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
57	12,227	12,227	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
58	12,424	12,424	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
59	14,125	14,125	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
60	14,681	14,681	<b>0.12</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00

Sum 25.53

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H415 H415

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,431	9,431	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
2	10,576	10,576	<b>4.40</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
3	11,112	11,112	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
4	8,133	8,133	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
5	8,247	8,247	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
6	8,906	8,906	<b>6.66</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
7	7,969	7,969	<b>8.13</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
8	9,767	9,767	<b>5.45</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
9	8,800	8,800	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
10	8,136	8,137	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
11	9,527	9,527	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
12	8,887	8,887	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
13	10,428	10,429	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
14	10,781	10,781	<b>4.15</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
15	11,462	11,462	<b>3.35</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
16	7,754	7,754	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
17	8,210	8,210	<b>7.74</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
18	8,862	8,862	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
19	8,755	8,755	<b>6.89</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
20	11,671	11,671	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
21	12,726	12,726	<b>1.98</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
22	5,048	5,049	<b>14.15</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
23	5,487	5,487	<b>13.06</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
24	7,582	7,582	<b>8.79</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
25	6,005	6,005	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
26	7,171	7,171	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
27	7,396	7,396	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
28	8,314	8,314	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
29	9,436	9,436	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
30	9,908	9,908	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
31	10,258	10,258	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
32	10,679	10,679	<b>4.27</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
33	11,198	11,198	<b>3.65</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
34	12,499	12,499	<b>2.22</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
35	4,716	4,716	<b>15.05</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
36	5,163	5,163	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
37	5,772	5,773	<b>12.39</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
38	7,258	7,258	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
39	8,235	8,235	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
40	8,371	8,372	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
41	9,092	9,092	<b>6.39</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
42	6,864	6,865	<b>10.10</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
43	7,526	7,527	<b>8.88</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
44	8,297	8,298	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
45	6,893	6,894	<b>10.05</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
46	7,556	7,556	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
47	9,673	9,673	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
48	10,325	10,325	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
49	12,033	12,034	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
50	13,156	13,156	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
51	13,706	13,706	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
52	12,160	12,160	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
53	13,187	13,188	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
54	13,398	13,398	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
55	13,623	13,623	<b>1.09</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
56	14,199	14,199	<b>0.55</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
57	12,203	12,204	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
58	12,399	12,399	<b>2.32</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
59	14,100	14,100	<b>0.64</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
60	14,656	14,656	<b>0.14</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 25.58

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H416 H416

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,535	9,535	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	2	10,676	10,676	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	3	11,217	11,217	<b>3.63</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	4	8,223	8,224	<b>7.71</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	5	8,341	8,341	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	6	9,002	9,002	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	7	8,067	8,067	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	8	9,869	9,869	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	9	8,903	8,903	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	10	8,241	8,241	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	11	9,635	9,635	<b>5.63</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	12	8,996	8,996	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	13	10,537	10,538	<b>4.45</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	14	10,890	10,890	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	15	11,571	11,571	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	16	7,863	7,863	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	17	8,319	8,319	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	18	8,971	8,971	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	19	8,864	8,864	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	20	11,779	11,779	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	21	12,833	12,833	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	22	5,157	5,157	<b>13.88</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	23	5,595	5,595	<b>12.80</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	24	7,689	7,689	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	25	6,112	6,113	<b>11.63</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	26	7,279	7,279	<b>9.33</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	27	7,501	7,501	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	28	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	29	9,542	9,542	<b>5.75</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	30	10,011	10,011	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	31	10,363	10,363	<b>4.67</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	32	10,784	10,784	<b>4.15</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	33	11,304	11,304	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	34	12,604	12,604	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	35	4,811	4,812	<b>14.78</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	36	5,263	5,263	<b>13.61</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
	37	5,871	5,872	<b>12.17</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	38	7,353	7,353	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	39	8,336	8,337	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	40	8,469	8,469	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	41	9,192	9,192	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	42	6,948	6,948	<b>9.94</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	43	7,614	7,615	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	44	8,385	8,385	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	45	6,959	6,959	<b>9.92</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	46	7,621	7,621	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	47	9,749	9,749	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	48	10,389	10,389	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	49	12,104	12,104	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	50	13,231	13,231	<b>1.47</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	51	13,777	13,778	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	52	12,223	12,224	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	53	13,247	13,247	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	54	13,460	13,460	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	55	13,692	13,692	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	56	14,261	14,261	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	57	12,249	12,249	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	58	12,449	12,450	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	59	14,153	14,153	<b>0.60</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	60	14,711	14,711	<b>0.09</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00

Sum 25.39

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H417 H417

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,621	9,621	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	2	10,753	10,753	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	3	11,304	11,304	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	4	8,281	8,281	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	5	8,406	8,406	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	6	9,070	9,070	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	7	8,138	8,138	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	8	9,949	9,949	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	9	8,988	8,988	<b>6.54</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	10	8,330	8,330	<b>7.54</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	11	9,732	9,732	<b>5.49</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	12	9,101	9,101	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	13	10,644	10,644	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	14	11,002	11,002	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	15	11,685	11,685	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	16	7,972	7,972	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	17	8,428	8,428	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	18	9,084	9,084	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	19	8,980	8,981	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	20	11,898	11,898	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	21	12,953	12,953	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	22	5,273	5,274	<b>13.58</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	23	5,713	5,713	<b>12.53</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	24	7,809	7,809	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	25	6,231	6,231	<b>11.38</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	26	7,396	7,396	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	27	7,624	7,624	<b>8.71</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	28	8,541	8,542	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	29	9,663	9,663	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	30	10,135	10,135	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	31	10,486	10,486	<b>4.51</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	32	10,907	10,907	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	33	11,425	11,425	<b>3.39</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	34	12,727	12,727	<b>1.98</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	35	4,937	4,938	<b>14.45</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	36	5,388	5,389	<b>13.30</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	37	5,997	5,997	<b>11.89</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	38	7,479	7,479	<b>8.97</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	39	8,461	8,461	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	40	8,595	8,595	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	41	9,317	9,317	<b>6.07</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	42	7,072	7,072	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	43	7,740	7,740	<b>8.51</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	44	8,510	8,510	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	45	7,075	7,075	<b>9.70</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	46	7,737	7,737	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	47	9,870	9,870	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	48	10,504	10,504	<b>4.49</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	49	12,222	12,223	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	50	13,352	13,352	<b>1.35</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	51	13,896	13,896	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	52	12,338	12,338	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	53	13,359	13,359	<b>1.35</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	54	13,574	13,574	<b>1.14</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
	55	13,809	13,809	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	56	14,374	14,374	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	57	12,351	12,351	<b>2.37</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	58	12,555	12,555	<b>2.16</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	59	14,260	14,261	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	60	14,820	14,820	<b>0.00</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00

Sum 25.18

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H418 H418

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,416	9,416	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	2	10,563	10,563	<b>4.42</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	3	11,097	11,097	<b>3.77</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	4	8,125	8,125	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	5	8,237	8,237	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	6	8,896	8,896	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	7	7,958	7,958	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	8	9,753	9,753	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	9	8,785	8,786	<b>6.84</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	10	8,121	8,121	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	11	9,509	9,509	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	12	8,867	8,867	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	13	10,408	10,408	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	14	10,760	10,760	<b>4.18</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	15	11,440	11,440	<b>3.37</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	16	7,733	7,733	<b>8.53</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	17	8,189	8,189	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	18	8,840	8,840	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	19	8,732	8,732	<b>6.92</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	20	11,647	11,647	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	21	12,702	12,702	<b>2.01</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	22	5,025	5,026	<b>14.21</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	23	5,463	5,464	<b>13.12</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	24	7,558	7,558	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	25	5,981	5,981	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	26	7,148	7,148	<b>9.57</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	27	7,371	7,371	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	28	8,289	8,289	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	29	9,411	9,411	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	30	9,882	9,882	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	31	10,233	10,233	<b>4.83</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	32	10,654	10,654	<b>4.31</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	33	11,173	11,173	<b>3.68</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	34	12,474	12,474	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	35	4,689	4,689	<b>15.12</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
	36	5,136	5,137	<b>13.93</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
	37	5,746	5,746	<b>12.45</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	38	7,231	7,231	<b>9.41</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	39	8,209	8,209	<b>7.74</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	40	8,344	8,345	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	41	9,065	9,065	<b>6.43</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	42	6,837	6,837	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	43	7,499	7,499	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	44	8,270	8,270	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	45	6,867	6,867	<b>10.10</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	46	7,530	7,530	<b>8.88</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	47	9,646	9,646	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	48	10,298	10,298	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	49	12,006	12,007	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	50	13,128	13,128	<b>1.57</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	51	13,679	13,679	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	52	12,133	12,134	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	53	13,161	13,162	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	54	13,372	13,372	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	55	13,596	13,596	<b>1.12</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	56	14,172	14,173	<b>0.58</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	57	12,179	12,179	<b>2.55</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	58	12,374	12,374	<b>2.35</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	59	14,075	14,075	<b>0.67</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	60	14,631	14,631	<b>0.16</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00

Sum 25.62

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H419 H419

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,491	9,491	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
2	10,638	10,638	<b>4.33</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
3	11,173	11,173	<b>3.68</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
4	8,196	8,196	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
5	8,309	8,310	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
6	8,969	8,969	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
7	8,032	8,032	<b>8.03</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
8	9,828	9,829	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
9	8,861	8,861	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
10	8,196	8,197	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
11	9,585	9,585	<b>5.69</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
12	8,942	8,942	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
13	10,483	10,483	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
14	10,833	10,833	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
15	11,512	11,512	<b>3.29</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
16	7,807	7,807	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
17	8,263	8,263	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
18	8,913	8,913	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
19	8,803	8,803	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
20	11,716	11,716	<b>3.06</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
21	12,770	12,770	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
22	5,096	5,097	<b>14.03</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
23	5,533	5,534	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
24	7,626	7,626	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
25	6,051	6,051	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
26	7,218	7,219	<b>9.44</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
27	7,437	7,437	<b>9.04</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
28	8,356	8,356	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
29	9,478	9,478	<b>5.84</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
30	9,945	9,945	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
31	10,298	10,298	<b>4.75</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
32	10,719	10,719	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
33	11,240	11,240	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
34	12,540	12,540	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
35	4,744	4,745	<b>14.97</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
36	5,196	5,197	<b>13.77</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
37	5,805	5,805	<b>12.32</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
38	7,286	7,286	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
39	8,270	8,271	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
40	8,402	8,402	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
41	9,125	9,125	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
42	6,881	6,882	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
43	7,547	7,548	<b>8.85</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
44	8,318	8,318	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
45	6,896	6,897	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
46	7,559	7,559	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
47	9,683	9,684	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
48	10,326	10,327	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
49	12,040	12,040	<b>2.70</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
50	13,166	13,166	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
51	13,713	13,713	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
52	12,161	12,162	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
53	13,186	13,186	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
54	13,399	13,399	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
55	13,628	13,628	<b>1.09</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
56	14,199	14,199	<b>0.55</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
57	12,193	12,193	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
58	12,392	12,392	<b>2.33</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
59	14,094	14,094	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
60	14,652	14,652	<b>0.15</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 25.51

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H420 H420

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,499	9,499	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
2	10,646	10,646	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
3	11,180	11,180	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
4	8,206	8,206	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
5	8,319	8,319	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
6	8,978	8,978	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
7	8,040	8,041	<b>8.01</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
8	9,836	9,836	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
9	8,868	8,868	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
10	8,204	8,204	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
11	9,591	9,591	<b>5.69</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
12	8,947	8,947	<b>6.60</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
13	10,487	10,487	<b>4.51</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
14	10,836	10,836	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
15	11,515	11,515	<b>3.29</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
16	7,811	7,811	<b>8.39</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
17	8,267	8,267	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
18	8,916	8,916	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
19	8,805	8,805	<b>6.81</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
20	11,718	11,718	<b>3.06</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
21	12,772	12,772	<b>1.93</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
22	5,099	5,099	<b>14.02</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
23	5,536	5,536	<b>12.94</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
24	7,628	7,628	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
25	6,053	6,053	<b>11.76</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
26	7,221	7,221	<b>9.43</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
27	7,437	7,438	<b>9.04</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
28	8,357	8,357	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
29	9,480	9,480	<b>5.84</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
30	9,945	9,945	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
31	10,298	10,298	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
32	10,719	10,719	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
33	11,241	11,241	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
34	12,541	12,541	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
35	4,742	4,743	<b>14.97</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
36	5,196	5,196	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
37	5,804	5,804	<b>12.32</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
38	7,284	7,284	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
39	8,270	8,270	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
40	8,400	8,401	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
41	9,124	9,125	<b>6.34</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
42	6,877	6,877	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
43	7,544	7,544	<b>8.85</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
44	8,314	8,314	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
45	6,889	6,890	<b>10.05</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
46	7,552	7,552	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
47	9,678	9,678	<b>5.57</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
48	10,320	10,320	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
49	12,034	12,034	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
50	13,161	13,161	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
51	13,707	13,707	<b>1.01</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
52	12,154	12,155	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
53	13,179	13,179	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
54	13,391	13,392	<b>1.32</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
55	13,622	13,622	<b>1.09</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
56	14,192	14,192	<b>0.56</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
57	12,184	12,184	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
58	12,383	12,383	<b>2.34</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
59	14,086	14,086	<b>0.66</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
60	14,644	14,644	<b>0.15</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00

Sum 25.50



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H421 H421

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,547	9,547	<b>5.75</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
2	10,689	10,689	<b>4.26</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
3	11,229	11,229	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
4	8,238	8,238	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
5	8,355	8,355	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
6	9,016	9,016	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
7	8,080	8,080	<b>7.95</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
8	9,881	9,881	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
9	8,916	8,916	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
10	8,253	8,253	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
11	9,645	9,645	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
12	9,005	9,005	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
13	10,547	10,547	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
14	10,899	10,899	<b>4.01</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
15	11,579	11,579	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
16	7,872	7,872	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
17	8,328	8,328	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
18	8,979	8,979	<b>6.55</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
19	8,870	8,870	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
20	11,785	11,785	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
21	12,839	12,839	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
22	5,164	5,164	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
23	5,601	5,602	<b>12.79</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
24	7,695	7,695	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
25	6,119	6,119	<b>11.62</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
26	7,286	7,286	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
27	7,506	7,506	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
28	8,425	8,425	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
29	9,547	9,547	<b>5.75</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
30	10,014	10,014	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
31	10,367	10,367	<b>4.66</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
32	10,788	10,788	<b>4.14</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
33	11,309	11,309	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
34	12,609	12,609	<b>2.10</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
35	4,812	4,813	<b>14.78</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
36	5,265	5,266	<b>13.60</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
37	5,874	5,874	<b>12.16</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
38	7,354	7,354	<b>9.19</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
39	8,339	8,340	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
40	8,470	8,471	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
41	9,194	9,194	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
42	6,946	6,946	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
43	7,613	7,614	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
44	8,383	8,384	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
45	6,953	6,954	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
46	7,615	7,616	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
47	9,745	9,745	<b>5.48</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
48	10,383	10,383	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
49	12,099	12,099	<b>2.64</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
50	13,228	13,228	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
51	13,773	13,773	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
52	12,217	12,218	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
53	13,240	13,241	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
54	13,454	13,454	<b>1.26</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
55	13,686	13,687	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
56	14,254	14,254	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
57	12,240	12,240	<b>2.49</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
58	12,441	12,441	<b>2.28</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
59	14,145	14,145	<b>0.60</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
60	14,704	14,704	<b>0.10</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00

Sum 25.38

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H422 H422

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,456	9,456	<b>5.87</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
2	10,606	10,606	<b>4.37</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
3	11,137	11,137	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
4	8,170	8,170	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
5	8,281	8,281	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
6	8,940	8,940	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
7	8,001	8,001	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
8	9,795	9,795	<b>5.41</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
9	8,826	8,826	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
10	8,160	8,161	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
11	9,546	9,546	<b>5.75</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
12	8,901	8,901	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
13	10,441	10,441	<b>4.57</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	10,790	10,790	<b>4.14</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
15	11,469	11,469	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
16	7,765	7,765	<b>8.47</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
17	8,221	8,221	<b>7.72</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
18	8,870	8,870	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
19	8,758	8,759	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
20	11,672	11,672	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
21	12,725	12,725	<b>1.98</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
22	5,052	5,053	<b>14.14</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
23	5,489	5,490	<b>13.05</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
24	7,581	7,581	<b>8.79</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
25	6,006	6,006	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
26	7,174	7,175	<b>9.52</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
27	7,392	7,392	<b>9.12</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
28	8,311	8,311	<b>7.57</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
29	9,433	9,433	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
30	9,900	9,900	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
31	10,252	10,252	<b>4.81</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
32	10,673	10,673	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
33	11,195	11,195	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
34	12,495	12,495	<b>2.22</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
35	4,699	4,700	<b>15.09</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
36	5,151	5,152	<b>13.89</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
37	5,760	5,760	<b>12.42</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
38	7,241	7,241	<b>9.40</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
39	8,225	8,225	<b>7.71</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
40	8,357	8,357	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
41	9,080	9,080	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
42	6,838	6,839	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
43	7,504	7,504	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
44	8,274	8,274	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
45	6,858	6,858	<b>10.11</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
46	7,520	7,521	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
47	9,642	9,643	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
48	10,288	10,289	<b>4.76</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
49	12,000	12,000	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
50	13,125	13,125	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
51	13,673	13,673	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
52	12,124	12,124	<b>2.61</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
53	13,149	13,150	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
54	13,361	13,361	<b>1.35</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
55	13,589	13,589	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
56	14,162	14,162	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
57	12,160	12,161	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
58	12,358	12,358	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
59	14,059	14,060	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
60	14,616	14,617	<b>0.18</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00

Sum 25.59

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H423 H423

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,470	9,470	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
2	10,620	10,620	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
3	11,151	11,151	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
4	8,186	8,186	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
5	8,297	8,297	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
6	8,955	8,955	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
7	8,016	8,016	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
8	9,809	9,809	<b>5.39</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
9	8,840	8,840	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
10	8,174	8,174	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
11	9,559	9,559	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
12	8,912	8,912	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
13	10,452	10,452	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	10,799	10,799	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
15	11,478	11,478	<b>3.33</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
16	7,775	7,775	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
17	8,231	8,231	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
18	8,879	8,879	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
19	8,766	8,767	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
20	11,679	11,679	<b>3.10</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
21	12,732	12,732	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
22	5,060	5,061	<b>14.12</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
23	5,497	5,497	<b>13.03</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
24	7,588	7,588	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
25	6,014	6,014	<b>11.85</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
26	7,183	7,183	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
27	7,397	7,398	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
28	8,317	8,317	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
29	9,440	9,440	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
30	9,904	9,904	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
31	10,258	10,258	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
32	10,679	10,679	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
33	11,201	11,201	<b>3.65</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
34	12,501	12,501	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
35	4,701	4,702	<b>15.09</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
36	5,155	5,155	<b>13.88</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
37	5,763	5,763	<b>12.41</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
38	7,243	7,243	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
39	8,229	8,229	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
40	8,359	8,360	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
41	9,083	9,084	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
42	6,837	6,837	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
43	7,503	7,504	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
44	8,274	8,274	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
45	6,853	6,853	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
46	7,515	7,515	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
47	9,639	9,639	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
48	10,283	10,283	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
49	11,996	11,996	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
50	13,122	13,122	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
51	13,669	13,669	<b>1.05</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
52	12,118	12,118	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
53	13,143	13,143	<b>1.56</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
54	13,355	13,355	<b>1.35</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
55	13,584	13,584	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
56	14,156	14,156	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
57	12,152	12,152	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
58	12,350	12,350	<b>2.37</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
59	14,052	14,052	<b>0.69</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
60	14,609	14,609	<b>0.18</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00

Sum 25.58

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H424 H424

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,419	9,419	<b>5.93</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	2	10,575	10,575	<b>4.40</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	3	11,099	11,099	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	4	8,151	8,152	<b>7.83</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	5	8,258	8,258	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	6	8,915	8,915	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	7	7,974	7,974	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	8	9,762	9,762	<b>5.45</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	9	8,790	8,790	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	10	8,122	8,122	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	11	9,502	9,502	<b>5.81</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	12	8,851	8,852	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	13	10,391	10,391	<b>4.63</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	14	10,735	10,735	<b>4.21</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	15	11,412	11,412	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	16	7,712	7,712	<b>8.56</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	17	8,168	8,168	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	18	8,814	8,814	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	19	8,699	8,699	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	20	11,611	11,611	<b>3.18</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	21	12,663	12,663	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	22	4,994	4,994	<b>14.30</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	23	5,430	5,430	<b>13.20</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	24	7,520	7,520	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	25	5,946	5,946	<b>12.00</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	26	7,116	7,116	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	27	7,328	7,328	<b>9.24</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	28	8,248	8,248	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	29	9,370	9,371	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	30	9,834	9,834	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	31	10,187	10,187	<b>4.89</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	32	10,609	10,609	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	33	11,132	11,132	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	34	12,431	12,431	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	35	4,630	4,631	<b>15.28</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	36	5,084	5,084	<b>14.06</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	37	5,692	5,692	<b>12.58</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	38	7,172	7,172	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	39	8,158	8,159	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	40	8,288	8,289	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	41	9,012	9,013	<b>6.51</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	42	6,768	6,769	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	43	7,433	7,434	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	44	8,204	8,204	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	45	6,789	6,790	<b>10.25</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	46	7,452	7,452	<b>9.02</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	47	9,572	9,573	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	48	10,220	10,220	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	49	11,931	11,931	<b>2.82</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	50	13,055	13,055	<b>1.65</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	51	13,604	13,604	<b>1.11</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	52	12,055	12,056	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	53	13,082	13,082	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	54	13,293	13,293	<b>1.41</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	55	13,520	13,520	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	56	14,094	14,094	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	57	12,097	12,097	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	58	12,293	12,293	<b>2.43</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	59	13,994	13,994	<b>0.74</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	60	14,550	14,550	<b>0.24</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00

Sum 25.70

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H425 H425

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,382	9,382	<b>5.98</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	2	10,543	10,543	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	3	11,062	11,062	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	4	8,129	8,129	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	5	8,232	8,232	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	6	8,887	8,887	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	7	7,945	7,945	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	8	9,728	9,728	<b>5.50</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	9	8,755	8,755	<b>6.89</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	10	8,084	8,084	<b>7.94</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	11	9,460	9,460	<b>5.87</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	12	8,806	8,806	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	13	10,344	10,344	<b>4.69</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	14	10,686	10,686	<b>4.27</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	15	11,362	11,362	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	16	7,664	7,665	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	17	8,121	8,121	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	18	8,765	8,765	<b>6.87</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	19	8,648	8,648	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	20	11,558	11,558	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	21	12,610	12,610	<b>2.10</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	22	4,942	4,943	<b>14.43</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	23	5,378	5,378	<b>13.32</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	24	7,466	7,466	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	25	5,893	5,894	<b>12.12</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	26	7,064	7,064	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	27	7,273	7,273	<b>9.34</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	28	8,193	8,193	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	29	9,316	9,316	<b>6.07</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	30	9,778	9,778	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	31	10,132	10,132	<b>4.96</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	32	10,553	10,554	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	33	11,078	11,078	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	34	12,376	12,376	<b>2.34</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	35	4,573	4,574	<b>15.45</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	36	5,027	5,028	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	37	5,635	5,635	<b>12.71</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
	38	7,115	7,115	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	39	8,102	8,102	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	40	8,231	8,232	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	41	8,956	8,956	<b>6.59</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	42	6,712	6,712	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	43	7,376	7,377	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	44	8,147	8,147	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	45	6,736	6,737	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	46	7,399	7,399	<b>9.11</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	47	9,517	9,517	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	48	10,168	10,168	<b>4.92</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	49	11,877	11,877	<b>2.88</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	50	13,000	13,000	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	51	13,549	13,550	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	52	12,003	12,003	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	53	13,031	13,031	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	54	13,241	13,241	<b>1.46</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	55	13,466	13,466	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	56	14,042	14,042	<b>0.70</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	57	12,050	12,050	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	58	12,244	12,245	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	59	13,944	13,945	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	60	14,500	14,500	<b>0.28</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00

Sum 25.80

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H426 H426

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,196	9,196	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
2	10,358	10,358	<b>4.68</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
3	10,876	10,876	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
4	7,952	7,952	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
5	8,051	8,051	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
6	8,705	8,705	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
7	7,762	7,762	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
8	9,543	9,543	<b>5.75</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
9	8,569	8,569	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
10	7,898	7,898	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
11	9,275	9,275	<b>6.13</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
12	8,624	8,624	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
13	10,163	10,163	<b>4.92</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
14	10,510	10,510	<b>4.48</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
15	11,188	11,188	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
16	7,485	7,486	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
17	7,942	7,942	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
18	8,589	8,589	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
19	8,478	8,478	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
20	11,393	11,393	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
21	12,447	12,447	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
22	4,772	4,772	<b>14.89</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
23	5,209	5,210	<b>13.74</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
24	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
25	5,727	5,727	<b>12.50</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
26	6,894	6,894	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
27	7,117	7,117	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
28	8,035	8,035	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
29	9,157	9,157	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
30	9,630	9,630	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
31	9,980	9,980	<b>5.16</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
32	10,400	10,400	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
33	10,919	10,919	<b>3.98</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
34	12,220	12,220	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
35	4,446	4,447	<b>15.81</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
36	4,887	4,888	<b>14.58</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
37	5,498	5,499	<b>13.03</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
38	6,989	6,989	<b>9.86</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
39	7,958	7,958	<b>8.15</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
40	8,099	8,099	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
41	8,816	8,816	<b>6.80</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
42	6,615	6,615	<b>10.59</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
43	7,268	7,268	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
44	8,040	8,040	<b>8.01</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
45	6,678	6,679	<b>10.46</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
46	7,342	7,342	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
47	9,437	9,437	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
48	10,111	10,111	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
49	11,807	11,807	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
50	12,919	12,919	<b>1.78</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
51	13,478	13,478	<b>1.23</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
52	11,947	11,947	<b>2.81</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
53	12,983	12,983	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
54	13,188	13,188	<b>1.52</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
55	13,400	13,401	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
56	13,990	13,990	<b>0.75</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
57	12,030	12,030	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
58	12,216	12,216	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
59	13,910	13,910	<b>0.82</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
60	14,462	14,462	<b>0.32</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00

Sum 26.09

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H427 H427

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,035	9,035	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	2	10,244	10,244	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	3	10,708	10,708	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	4	7,935	7,935	<b>8.19</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	5	8,000	8,001	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	6	8,638	8,638	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	7	7,681	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	8	9,412	9,412	<b>5.93</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	9	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	10	7,728	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	11	9,055	9,055	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	12	8,361	8,361	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	13	9,888	9,889	<b>5.28</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	14	10,200	10,200	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	15	10,863	10,863	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	16	7,198	7,198	<b>9.47</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	17	7,654	7,654	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	18	8,274	8,274	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	19	8,131	8,131	<b>7.86</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	20	11,027	11,027	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	21	12,073	12,073	<b>2.67</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	22	4,435	4,436	<b>15.84</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	23	4,861	4,861	<b>14.65</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	24	6,932	6,932	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	25	5,370	5,371	<b>13.34</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	26	6,551	6,551	<b>10.72</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	27	6,722	6,723	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	28	7,648	7,648	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	29	8,773	8,773	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	30	9,215	9,215	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	31	9,574	9,575	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	32	9,997	9,997	<b>5.14</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	33	10,532	10,533	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	34	11,824	11,824	<b>2.94</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	35	3,993	3,994	<b>17.20</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	36	4,456	4,456	<b>15.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	37	5,061	5,061	<b>14.12</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
	38	6,534	6,535	<b>10.75</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
	39	7,534	7,535	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	40	7,654	7,654	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	41	8,384	8,384	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	42	6,134	6,135	<b>11.59</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	43	6,795	6,796	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	44	7,566	7,566	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	45	6,193	6,194	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	46	6,857	6,857	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	47	8,951	8,951	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	48	9,626	9,626	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	49	11,320	11,320	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	50	12,433	12,433	<b>2.28</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	51	12,991	12,991	<b>1.71</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	52	11,462	11,463	<b>3.35</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	53	12,501	12,501	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	54	12,703	12,704	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	55	12,914	12,914	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	56	13,505	13,506	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	57	11,563	11,564	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	58	11,743	11,743	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	59	13,433	13,434	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	60	13,983	13,984	<b>0.75</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 26.88

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H428 H428

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,138	9,138	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
2	10,367	10,367	<b>4.66</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
3	10,807	10,807	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
4	8,099	8,099	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
5	8,152	8,152	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
6	8,783	8,783	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
7	7,821	7,822	<b>8.38</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
8	9,529	9,529	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
9	8,529	8,530	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
10	7,828	7,829	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
11	9,128	9,128	<b>6.34</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
12	8,410	8,410	<b>7.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
13	9,930	9,930	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
14	10,219	10,219	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
15	10,872	10,872	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
16	7,235	7,235	<b>9.41</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
17	7,690	7,690	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
18	8,292	8,292	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
19	8,127	8,127	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
20	11,006	11,006	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
21	12,045	12,045	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
22	4,445	4,446	<b>15.82</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
23	4,861	4,862	<b>14.65</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
24	6,911	6,911	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
25	5,364	5,364	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
26	6,551	6,552	<b>10.72</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
27	6,682	6,683	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
28	7,613	7,613	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
29	8,740	8,740	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
30	9,155	9,155	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
31	9,522	9,523	<b>5.78</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
32	9,947	9,947	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
33	10,496	10,496	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
34	11,778	11,778	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
35	3,898	3,899	<b>17.51</b>	108.5	0.00	82.82	-	-	0.00	0.00	-	0.00
36	4,384	4,385	<b>15.99</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
37	4,982	4,982	<b>14.33</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
38	6,433	6,433	<b>10.96</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
39	7,467	7,467	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
40	7,563	7,564	<b>8.82</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
41	8,306	8,306	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
42	5,989	5,989	<b>11.90</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
43	6,665	6,666	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
44	7,433	7,434	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
45	6,004	6,004	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
46	6,667	6,667	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
47	8,784	8,785	<b>6.84</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
48	9,436	9,436	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
49	11,142	11,143	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
50	12,267	12,267	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
51	12,815	12,815	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
52	11,271	11,271	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
53	12,303	12,303	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
54	12,510	12,511	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
55	12,732	12,732	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
56	13,312	13,312	<b>1.39</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
57	11,346	11,346	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
58	11,531	11,531	<b>3.27</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
59	13,226	13,226	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
60	13,778	13,779	<b>0.94</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 26.98



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H429 H429

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,216	9,217	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	2	10,446	10,446	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	3	10,885	10,885	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	4	8,176	8,176	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	5	8,230	8,230	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	6	8,861	8,861	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	7	7,900	7,901	<b>8.24</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	8	9,608	9,608	<b>5.66</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	9	8,608	8,608	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	10	7,907	7,907	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	11	9,205	9,205	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	12	8,485	8,485	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	13	10,003	10,003	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	14	10,290	10,290	<b>4.76</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	15	10,941	10,941	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	16	7,307	7,308	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	17	7,763	7,763	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	18	8,362	8,362	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	19	8,194	8,194	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	20	11,069	11,069	<b>3.80</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	21	12,107	12,107	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	22	4,515	4,515	<b>15.61</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	23	4,929	4,930	<b>14.47</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	24	6,975	6,975	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	25	5,430	5,431	<b>13.20</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	26	6,619	6,619	<b>10.58</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	27	6,742	6,743	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	28	7,674	7,674	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	29	8,801	8,801	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	30	9,210	9,210	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	31	9,579	9,579	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	32	10,004	10,004	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	33	10,557	10,557	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	34	11,837	11,837	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	35	3,946	3,946	<b>17.35</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	36	4,438	4,438	<b>15.84</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	37	5,032	5,033	<b>14.20</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	38	6,477	6,477	<b>10.87</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	39	7,520	7,520	<b>8.89</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	40	7,610	7,611	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	41	8,357	8,357	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	42	6,018	6,019	<b>11.84</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	43	6,701	6,701	<b>10.42</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	44	7,467	7,468	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	45	6,013	6,014	<b>11.85</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	46	6,676	6,676	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	47	8,805	8,805	<b>6.81</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	48	9,444	9,444	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	49	11,157	11,158	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	50	12,287	12,288	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	51	12,831	12,831	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	52	11,279	11,280	<b>3.56</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	53	12,307	12,307	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	54	12,517	12,517	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	55	12,745	12,745	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	56	13,318	13,318	<b>1.39</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	57	11,338	11,338	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	58	11,527	11,527	<b>3.27</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	59	13,224	13,224	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	60	13,778	13,779	<b>0.94</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 26.87

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H430 H430

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,234	9,234	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	2	10,466	10,466	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	3	10,903	10,903	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	4	8,199	8,199	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	5	8,252	8,252	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	6	8,883	8,883	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	7	7,921	7,922	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	8	9,627	9,627	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	9	8,627	8,627	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	10	7,925	7,925	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	11	9,220	9,220	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	12	8,498	8,498	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	13	10,015	10,015	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	14	10,300	10,300	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	15	10,950	10,950	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	16	7,319	7,319	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	17	7,774	7,774	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	18	8,372	8,372	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	19	8,201	8,202	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	20	11,075	11,075	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	21	12,112	12,112	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	22	4,524	4,525	<b>15.59</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	23	4,938	4,938	<b>14.44</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	24	6,981	6,981	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	25	5,438	5,438	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	26	6,628	6,628	<b>10.57</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	27	6,746	6,747	<b>10.33</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	28	7,678	7,678	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	29	8,805	8,805	<b>6.81</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	30	9,211	9,211	<b>6.22</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	31	9,582	9,582	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	32	10,007	10,007	<b>5.13</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	33	10,561	10,561	<b>4.42</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	34	11,840	11,840	<b>2.92</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	35	3,944	3,945	<b>17.36</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	36	4,439	4,439	<b>15.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	37	5,032	5,033	<b>14.20</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	38	6,474	6,475	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	39	7,521	7,521	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	40	7,609	7,609	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	41	8,356	8,356	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	42	6,010	6,010	<b>11.86</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	43	6,694	6,694	<b>10.43</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	44	7,460	7,461	<b>9.00</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	45	5,999	5,999	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	46	6,661	6,662	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	47	8,793	8,794	<b>6.83</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	48	9,429	9,430	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	49	11,144	11,145	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	50	12,276	12,276	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	51	12,818	12,818	<b>1.89</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	52	11,264	11,265	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	53	12,291	12,291	<b>2.43</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	54	12,502	12,502	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	55	12,731	12,732	<b>1.98</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	56	13,303	13,303	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	57	11,318	11,319	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	58	11,508	11,509	<b>3.29</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	59	13,206	13,207	<b>1.50</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	60	13,761	13,762	<b>0.96</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00

Sum 26.86

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H431 H431

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,281	9,281	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	2	10,511	10,511	<b>4.48</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	3	10,950	10,950	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	4	8,238	8,238	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	5	8,293	8,293	<b>7.60</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	6	8,925	8,925	<b>6.63</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	7	7,964	7,965	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	8	9,673	9,673	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	9	8,673	8,673	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	10	7,972	7,972	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	11	9,269	9,269	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	12	8,548	8,548	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	13	10,066	10,066	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	14	10,350	10,350	<b>4.69</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	15	11,000	11,000	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	16	7,370	7,370	<b>9.16</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	17	7,825	7,825	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	18	8,422	8,423	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	19	8,252	8,252	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	20	11,125	11,125	<b>3.74</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	21	12,162	12,162	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	22	4,575	4,576	<b>15.44</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	23	4,988	4,989	<b>14.31</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
	24	7,031	7,031	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	25	5,489	5,489	<b>13.06</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	26	6,678	6,678	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	27	6,796	6,796	<b>10.23</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	28	7,728	7,728	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	29	8,855	8,855	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	30	9,259	9,260	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	31	9,631	9,631	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	32	10,056	10,056	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	33	10,610	10,610	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	34	11,889	11,889	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	35	3,990	3,991	<b>17.21</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
	36	4,487	4,487	<b>15.70</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	37	5,080	5,080	<b>14.07</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	38	6,519	6,520	<b>10.78</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	39	7,569	7,569	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	40	7,655	7,655	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	41	8,403	8,404	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	42	6,049	6,050	<b>11.77</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	43	6,736	6,736	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	44	7,502	7,502	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	45	6,029	6,029	<b>11.82</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	46	6,691	6,691	<b>10.44</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	47	8,828	8,829	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	48	9,458	9,459	<b>5.87</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	49	11,177	11,177	<b>3.68</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	50	12,311	12,311	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	51	12,851	12,851	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	52	11,293	11,293	<b>3.54</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	53	12,318	12,318	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	54	12,530	12,530	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	55	12,763	12,763	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	56	13,331	13,331	<b>1.38</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	57	11,338	11,338	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	58	11,530	11,530	<b>3.27</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	59	13,230	13,230	<b>1.47</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	60	13,786	13,786	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00

Sum 26.76

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H432 H432

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,262	9,262	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	2	10,480	10,480	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	3	10,933	10,933	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	4	8,184	8,184	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	5	8,247	8,247	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	6	8,882	8,882	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	7	7,924	7,924	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	8	9,646	9,646	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	9	8,650	8,650	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	10	7,954	7,954	<b>8.15</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	11	9,265	9,265	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	12	8,556	8,556	<b>7.19</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	13	10,079	10,079	<b>5.03</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	14	10,374	10,374	<b>4.66</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	15	11,029	11,029	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	16	7,384	7,385	<b>9.14</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	17	7,840	7,840	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	18	8,447	8,447	<b>7.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	19	8,287	8,287	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	20	11,169	11,169	<b>3.69</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	21	12,209	12,209	<b>2.52</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	22	4,602	4,602	<b>15.37</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
	23	5,020	5,020	<b>14.23</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	24	7,074	7,074	<b>9.70</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	25	5,524	5,524	<b>12.97</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	26	6,710	6,711	<b>10.40</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	27	6,847	6,848	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	28	7,777	7,777	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	29	8,904	8,904	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	30	9,321	9,321	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	31	9,688	9,688	<b>5.55</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	32	10,112	10,112	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	33	10,661	10,661	<b>4.30</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	34	11,944	11,944	<b>2.81</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	35	4,064	4,065	<b>16.97</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	36	4,551	4,551	<b>15.51</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
	37	5,148	5,148	<b>13.90</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	38	6,598	6,598	<b>10.63</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	39	7,633	7,633	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	40	7,729	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	41	8,472	8,472	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	42	6,145	6,146	<b>11.56</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	43	6,826	6,826	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	44	7,593	7,593	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	45	6,141	6,141	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	46	6,803	6,804	<b>10.22</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	47	8,933	8,933	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	48	9,571	9,572	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	49	11,286	11,286	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	50	12,416	12,416	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	51	12,959	12,959	<b>1.74</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	52	11,407	11,407	<b>3.41</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	53	12,433	12,434	<b>2.28</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	54	12,644	12,644	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	55	12,873	12,873	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	56	13,445	13,445	<b>1.26</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	57	11,458	11,459	<b>3.35</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	58	11,649	11,650	<b>3.14</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	59	13,348	13,348	<b>1.36</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	60	13,903	13,903	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00

Sum 26.65

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H433 H433

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,305	9,305	<b>6.08</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	2	10,526	10,526	<b>4.46</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	3	10,976	10,976	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	4	8,234	8,234	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	5	8,296	8,296	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	6	8,931	8,931	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	7	7,972	7,972	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	8	9,691	9,691	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	9	8,695	8,695	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	10	7,997	7,997	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	11	9,305	9,305	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	12	8,592	8,592	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	13	10,113	10,113	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	14	10,405	10,405	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	15	11,058	11,058	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	16	7,418	7,418	<b>9.08</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	17	7,874	7,874	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	18	8,477	8,477	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	19	8,314	8,314	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	20	11,192	11,192	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	21	12,231	12,231	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	22	4,631	4,632	<b>15.28</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	23	5,048	5,048	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	24	7,097	7,097	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	25	5,550	5,551	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	26	6,738	6,738	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	27	6,867	6,868	<b>10.10</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	28	7,798	7,798	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	29	8,925	8,925	<b>6.63</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	30	9,336	9,336	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	31	9,705	9,706	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	32	10,130	10,130	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	33	10,681	10,681	<b>4.27</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	34	11,962	11,962	<b>2.79</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	35	4,073	4,074	<b>16.95</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
	36	4,565	4,565	<b>15.47</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
	37	5,160	5,160	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	38	6,605	6,605	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	39	7,647	7,648	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	40	7,738	7,738	<b>8.52</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	41	8,484	8,484	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	42	6,141	6,142	<b>11.57</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	43	6,826	6,826	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	44	7,592	7,593	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	45	6,124	6,125	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	46	6,786	6,787	<b>10.25</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	47	8,923	8,923	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	48	9,554	9,554	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	49	11,272	11,272	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	50	12,405	12,406	<b>2.31</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	51	12,946	12,946	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	52	11,388	11,389	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	53	12,413	12,413	<b>2.31</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	54	12,625	12,625	<b>2.08</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	55	12,858	12,858	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	56	13,426	13,426	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	57	11,431	11,431	<b>3.38</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	58	11,624	11,624	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	59	13,324	13,324	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	60	13,880	13,880	<b>0.85</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00

Sum 26.61

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H434 H434

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,280	9,280	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	2	10,496	10,496	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	3	10,951	10,951	<b>3.94</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	4	8,195	8,195	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	5	8,259	8,259	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	6	8,896	8,896	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	7	7,938	7,938	<b>8.18</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	8	9,662	9,662	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	9	8,667	8,667	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	10	7,972	7,972	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	11	9,286	9,286	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	12	8,578	8,578	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	13	10,101	10,101	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	14	10,398	10,398	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	15	11,054	11,054	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	16	7,408	7,408	<b>9.09</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	17	7,863	7,863	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	18	8,471	8,471	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	19	8,312	8,312	<b>7.57</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	20	11,195	11,195	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	21	12,235	12,235	<b>2.49</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	22	4,626	4,627	<b>15.30</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	23	5,045	5,045	<b>14.16</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	24	7,100	7,100	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	25	5,549	5,550	<b>12.91</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	26	6,735	6,736	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	27	6,874	6,874	<b>10.08</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	28	7,804	7,804	<b>8.41</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	29	8,930	8,930	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	30	9,348	9,348	<b>6.02</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	31	9,715	9,715	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	32	10,140	10,140	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	33	10,687	10,688	<b>4.26</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	34	11,971	11,971	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	35	4,092	4,093	<b>16.89</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
	36	4,578	4,579	<b>15.43</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	37	5,175	5,176	<b>13.83</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
	38	6,626	6,626	<b>10.57</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	39	7,661	7,661	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	40	7,757	7,757	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	41	8,500	8,500	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	42	6,173	6,173	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	43	6,854	6,854	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	44	7,621	7,621	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	45	6,166	6,167	<b>11.52</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	46	6,829	6,829	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	47	8,960	8,960	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	48	9,597	9,597	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	49	11,312	11,312	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	50	12,443	12,443	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	51	12,985	12,986	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	52	11,432	11,432	<b>3.38</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	53	12,458	12,458	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	54	12,669	12,669	<b>2.04</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	55	12,899	12,899	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	56	13,470	13,470	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	57	11,481	11,481	<b>3.33</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	58	11,672	11,673	<b>3.11</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	59	13,372	13,372	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	60	13,927	13,927	<b>0.81</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00

Sum 26.59

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H435 H435

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,161	9,161	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
2	10,370	10,370	<b>4.66</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
3	10,834	10,834	<b>4.09</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
4	8,059	8,059	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
5	8,126	8,126	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
6	8,764	8,764	<b>6.87</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
7	7,808	7,808	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
8	9,539	9,539	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
9	8,546	8,546	<b>7.21</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
10	7,854	7,854	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
11	9,177	9,177	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
12	8,479	8,479	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
13	10,006	10,006	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
14	10,312	10,312	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
15	10,973	10,973	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
16	7,314	7,314	<b>9.26</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
17	7,770	7,770	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
18	8,386	8,386	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
19	8,237	8,237	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
20	11,128	11,128	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
21	12,172	12,172	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
22	4,544	4,545	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
23	4,968	4,968	<b>14.36</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
24	7,033	7,033	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
25	5,475	5,476	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
26	6,658	6,658	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
27	6,817	6,817	<b>10.19</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
28	7,744	7,744	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
29	8,870	8,870	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
30	9,302	9,302	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
31	9,665	9,665	<b>5.59</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
32	10,088	10,088	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
33	10,629	10,629	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
34	11,917	11,917	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
35	4,065	4,066	<b>16.97</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
36	4,538	4,539	<b>15.55</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
37	5,140	5,140	<b>13.92</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
38	6,604	6,604	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
39	7,619	7,619	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
40	7,728	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
41	8,464	8,464	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
42	6,180	6,181	<b>11.49</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
43	6,850	6,850	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
44	7,619	7,620	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
45	6,208	6,209	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
46	6,871	6,872	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
47	8,983	8,983	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
48	9,640	9,641	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
49	11,344	11,345	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
50	12,466	12,466	<b>2.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
51	13,017	13,017	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
52	11,476	11,476	<b>3.33</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
53	12,509	12,509	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
54	12,715	12,716	<b>1.99</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
55	12,935	12,935	<b>1.77</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
56	13,517	13,517	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
57	11,551	11,551	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
58	11,737	11,737	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
59	13,432	13,432	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
60	13,985	13,985	<b>0.75</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 26.69

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H436 H436

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,178	9,178	<b>6.27</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
2	10,389	10,389	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
3	10,851	10,851	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
4	8,080	8,080	<b>7.95</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
5	8,146	8,147	<b>7.84</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
6	8,784	8,785	<b>6.84</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
7	7,828	7,828	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
8	9,557	9,557	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
9	8,564	8,564	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
10	7,871	7,871	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
11	9,193	9,193	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
12	8,493	8,493	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
13	10,019	10,019	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
14	10,324	10,324	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
15	10,983	10,983	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
16	7,327	7,327	<b>9.24</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
17	7,783	7,783	<b>8.44</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
18	8,397	8,397	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
19	8,247	8,247	<b>7.68</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
20	11,136	11,136	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
21	12,179	12,179	<b>2.55</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
22	4,555	4,555	<b>15.50</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
23	4,978	4,978	<b>14.34</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
24	7,041	7,041	<b>9.77</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
25	5,485	5,485	<b>13.06</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
26	6,668	6,668	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
27	6,823	6,824	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	7,751	7,751	<b>8.50</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
29	8,877	8,877	<b>6.71</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
30	9,307	9,307	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
31	9,670	9,670	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
32	10,094	10,094	<b>5.01</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
33	10,635	10,635	<b>4.33</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
34	11,923	11,923	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
35	4,066	4,067	<b>16.97</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
36	4,541	4,542	<b>15.54</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
37	5,142	5,143	<b>13.91</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
38	6,604	6,604	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
39	7,622	7,623	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
40	7,730	7,730	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
41	8,467	8,467	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
42	6,176	6,176	<b>11.50</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
43	6,847	6,848	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
44	7,616	7,617	<b>8.73</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
45	6,198	6,199	<b>11.45</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
46	6,861	6,862	<b>10.11</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
47	8,976	8,976	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
48	9,630	9,630	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
49	11,336	11,336	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
50	12,459	12,459	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
51	13,009	13,009	<b>1.69</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
52	11,466	11,466	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
53	12,497	12,498	<b>2.22</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
54	12,705	12,705	<b>2.00</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
55	12,926	12,926	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
56	13,506	13,506	<b>1.20</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
57	11,537	11,537	<b>3.26</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
58	11,724	11,724	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
59	13,419	13,419	<b>1.29</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
60	13,972	13,972	<b>0.76</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 26.68



Project:

20162030 Westwood Red Pine

Licensed user:

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 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H437 H437

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,134	9,134	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
2	10,339	10,339	<b>4.70</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
3	10,808	10,808	<b>4.12</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
4	8,018	8,019	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
5	8,088	8,089	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
6	8,728	8,728	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
7	7,773	7,773	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
8	9,509	9,509	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
9	8,518	8,518	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
10	7,828	7,828	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
11	9,158	9,158	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
12	8,465	8,465	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
13	9,993	9,993	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
14	10,305	10,305	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
15	10,968	10,968	<b>3.92</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
16	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
17	7,759	7,759	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
18	8,379	8,380	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
19	8,236	8,236	<b>7.69</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
20	11,130	11,130	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
21	12,176	12,176	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
22	4,540	4,541	<b>15.54</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
23	4,966	4,966	<b>14.37</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
24	7,035	7,036	<b>9.78</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
25	5,475	5,475	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
26	6,656	6,656	<b>10.51</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
27	6,824	6,824	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	7,750	7,750	<b>8.50</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
29	8,875	8,875	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
30	9,314	9,314	<b>6.07</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
31	9,675	9,675	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
32	10,098	10,098	<b>5.01</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
33	10,635	10,635	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
34	11,925	11,925	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
35	4,085	4,086	<b>16.91</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
36	4,553	4,553	<b>15.50</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
37	5,156	5,157	<b>13.88</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
38	6,625	6,626	<b>10.57</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
39	7,632	7,633	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
40	7,747	7,748	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
41	8,480	8,480	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
42	6,212	6,213	<b>11.42</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
43	6,878	6,879	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
44	7,648	7,649	<b>8.67</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
45	6,251	6,252	<b>11.34</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
46	6,914	6,915	<b>10.00</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
47	9,020	9,021	<b>6.49</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
48	9,684	9,684	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
49	11,384	11,385	<b>3.44</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
50	12,503	12,503	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
51	13,056	13,057	<b>1.65</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
52	11,519	11,520	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
53	12,554	12,554	<b>2.16</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
54	12,759	12,760	<b>1.95</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
55	12,976	12,976	<b>1.73</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
56	13,561	13,561	<b>1.15</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
57	11,601	11,602	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
58	11,786	11,786	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
59	13,480	13,480	<b>1.23</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
60	14,031	14,032	<b>0.71</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00

Sum 26.68

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H438 H438

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,148	9,148	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
2	10,351	10,351	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
3	10,822	10,822	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
4	8,025	8,025	<b>8.04</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
5	8,097	8,097	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
6	8,737	8,737	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
7	7,783	7,783	<b>8.44</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
8	9,521	9,521	<b>5.78</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
9	8,531	8,531	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
10	7,842	7,842	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
11	9,174	9,175	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
12	8,484	8,484	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
13	10,013	10,013	<b>5.12</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
14	10,326	10,326	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
15	10,990	10,990	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
16	7,323	7,323	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
17	7,779	7,779	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
18	8,400	8,400	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
19	8,258	8,258	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
20	11,153	11,153	<b>3.71</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
21	12,199	12,199	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
22	4,562	4,562	<b>15.48</b>	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
23	4,988	4,988	<b>14.31</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
24	7,059	7,059	<b>9.73</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
25	5,497	5,498	<b>13.03</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
26	6,678	6,678	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
27	6,848	6,848	<b>10.13</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
28	7,774	7,774	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
29	8,899	8,899	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
30	9,339	9,339	<b>6.04</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
31	9,699	9,699	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
32	10,122	10,122	<b>4.98</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
33	10,659	10,659	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
34	11,949	11,949	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
35	4,111	4,112	<b>16.82</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
36	4,578	4,579	<b>15.43</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
37	5,182	5,182	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
38	6,651	6,652	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
39	7,657	7,658	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
40	7,773	7,773	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
41	8,505	8,505	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
42	6,238	6,239	<b>11.36</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
43	6,905	6,905	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
44	7,675	7,675	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
45	6,276	6,277	<b>11.29</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
46	6,940	6,940	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
47	9,046	9,047	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
48	9,709	9,709	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
49	11,410	11,410	<b>3.41</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
50	12,529	12,529	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
51	13,082	13,082	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
52	11,545	11,545	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
53	12,578	12,579	<b>2.13</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
54	12,784	12,784	<b>1.92</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
55	13,002	13,002	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
56	13,586	13,586	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
57	11,624	11,624	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
58	11,809	11,809	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
59	13,503	13,504	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
60	14,056	14,056	<b>0.69</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00

Sum 26.63

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H439 H439

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,159	9,159	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	2	10,360	10,360	<b>4.67</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	3	10,834	10,834	<b>4.09</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	4	8,029	8,029	<b>8.03</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	5	8,103	8,103	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	6	8,744	8,744	<b>6.90</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	7	7,790	7,790	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	8	9,531	9,531	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	9	8,542	8,542	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	10	7,854	7,854	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	11	9,188	9,188	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	12	8,499	8,500	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	13	10,029	10,029	<b>5.10</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	14	10,343	10,343	<b>4.69</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	15	11,008	11,008	<b>3.88</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	16	7,339	7,339	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	17	7,795	7,796	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	18	8,418	8,418	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	19	8,277	8,277	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	20	11,173	11,173	<b>3.68</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	21	12,219	12,219	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	22	4,580	4,581	<b>15.43</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	23	5,007	5,007	<b>14.26</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
	24	7,079	7,079	<b>9.70</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	25	5,517	5,517	<b>12.99</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	26	6,697	6,697	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	27	6,869	6,869	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	28	7,794	7,794	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	29	8,920	8,920	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	30	9,361	9,361	<b>6.01</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	31	9,721	9,721	<b>5.51</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	32	10,143	10,144	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	33	10,679	10,679	<b>4.27</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	34	11,970	11,970	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	35	4,134	4,135	<b>16.75</b>	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	36	4,600	4,601	<b>15.37</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
	37	5,204	5,205	<b>13.75</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	38	6,674	6,675	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	39	7,679	7,680	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	40	7,796	7,796	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	41	8,527	8,528	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	42	6,262	6,262	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	43	6,928	6,929	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	44	7,698	7,699	<b>8.59</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	45	6,299	6,300	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	46	6,962	6,963	<b>9.91</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	47	9,070	9,070	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	48	9,731	9,732	<b>5.50</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	49	11,433	11,433	<b>3.38</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	50	12,553	12,553	<b>2.16</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	51	13,105	13,106	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	52	11,567	11,568	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	53	12,601	12,601	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	54	12,807	12,807	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	55	13,025	13,025	<b>1.68</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	56	13,609	13,609	<b>1.11</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	57	11,645	11,646	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	58	11,831	11,831	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	59	13,525	13,526	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	60	14,078	14,078	<b>0.67</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00

Sum 26.58

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H440 H440

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,202	9,202	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
2	10,394	10,394	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
3	10,878	10,878	<b>4.03</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
4	8,045	8,045	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
5	8,125	8,125	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
6	8,769	8,769	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
7	7,817	7,818	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
8	9,568	9,568	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
9	8,583	8,583	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
10	7,898	7,898	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
11	9,242	9,242	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
12	8,561	8,561	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
13	10,093	10,093	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
14	10,414	10,414	<b>4.60</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
15	11,081	11,081	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
16	7,405	7,406	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
17	7,862	7,862	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
18	8,489	8,489	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
19	8,354	8,354	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
20	11,254	11,254	<b>3.59</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
21	12,301	12,301	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
22	4,654	4,655	<b>15.22</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
23	5,083	5,084	<b>14.06</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
24	7,159	7,160	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
25	5,595	5,595	<b>12.80</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
26	6,773	6,773	<b>10.28</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
27	6,954	6,954	<b>9.93</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
28	7,878	7,878	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
29	9,003	9,003	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
30	9,449	9,449	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
31	9,807	9,807	<b>5.39</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
32	10,230	10,230	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
33	10,763	10,763	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
34	12,056	12,056	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
35	4,228	4,229	<b>16.46</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
36	4,690	4,691	<b>15.12</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
37	5,296	5,296	<b>13.53</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
38	6,768	6,769	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
39	7,769	7,769	<b>8.47</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
40	7,889	7,889	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
41	8,618	8,619	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
42	6,359	6,359	<b>11.11</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
43	7,024	7,025	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
44	7,795	7,795	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
45	6,394	6,395	<b>11.04</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
46	7,057	7,058	<b>9.73</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
47	9,167	9,167	<b>6.28</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
48	9,826	9,827	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
49	11,529	11,530	<b>3.27</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
50	12,649	12,650	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
51	13,202	13,202	<b>1.50</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
52	11,662	11,662	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
53	12,695	12,695	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
54	12,902	12,902	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
55	13,121	13,121	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
56	13,703	13,703	<b>1.02</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
57	11,734	11,734	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
58	11,921	11,921	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
59	13,617	13,617	<b>1.10</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
60	14,170	14,170	<b>0.58</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00

Sum 26.41

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H441 H441

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,230	9,230	6.19	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
2	10,415	10,416	4.60	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
3	10,907	10,907	4.00	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
4	8,053	8,053	7.99	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
5	8,137	8,138	7.85	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
6	8,784	8,784	6.84	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
7	7,834	7,835	8.35	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
8	9,592	9,592	5.69	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
9	8,609	8,609	7.11	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
10	7,927	7,927	8.20	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
11	9,278	9,278	6.12	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
12	8,603	8,603	7.12	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
13	10,136	10,136	4.96	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
14	10,461	10,461	4.55	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
15	11,130	11,130	3.73	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
16	7,450	7,450	9.02	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
17	7,906	7,906	8.23	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
18	8,537	8,537	7.22	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
19	8,406	8,406	7.42	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
20	11,308	11,308	3.52	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
21	12,357	12,357	2.36	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
22	4,705	4,705	15.08	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
23	5,135	5,136	13.93	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
24	7,215	7,215	9.44	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
25	5,648	5,648	12.68	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
26	6,824	6,824	10.18	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
27	7,012	7,012	9.82	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
28	7,935	7,935	8.19	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
29	9,059	9,060	6.44	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
30	9,509	9,509	5.80	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
31	9,867	9,867	5.31	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
32	10,289	10,289	4.76	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
33	10,820	10,820	4.10	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
34	12,114	12,114	2.62	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
35	4,292	4,293	16.27	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
36	4,753	4,753	14.94	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
37	5,359	5,359	13.37	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
38	6,833	6,834	10.16	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
39	7,830	7,831	8.36	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
40	7,953	7,953	8.16	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
41	8,681	8,681	7.00	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
42	6,427	6,427	10.97	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
43	7,091	7,092	9.67	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
44	7,862	7,862	8.31	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
45	6,461	6,462	10.90	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
46	7,125	7,125	9.61	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
47	9,235	9,235	6.18	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
48	9,893	9,894	5.28	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
49	11,597	11,597	3.19	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
50	12,717	12,718	1.99	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
51	13,270	13,270	1.44	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
52	11,729	11,729	3.05	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
53	12,761	12,761	1.94	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
54	12,968	12,969	1.73	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
55	13,188	13,189	1.52	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
56	13,770	13,770	0.95	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
57	11,798	11,798	2.97	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
58	11,986	11,986	2.76	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
59	13,682	13,682	1.04	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
60	14,236	14,236	0.52	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00

Sum 26.30

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H442 H442

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,281	9,281	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
2	10,457	10,457	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
3	10,959	10,959	<b>3.94</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
4	8,076	8,076	<b>7.95</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
5	8,167	8,167	<b>7.80</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
6	8,817	8,817	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
7	7,870	7,870	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
8	9,637	9,637	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
9	8,657	8,657	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
10	7,980	7,980	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
11	9,340	9,340	<b>6.04</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
12	8,672	8,672	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
13	10,207	10,207	<b>4.87</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
14	10,539	10,539	<b>4.45</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
15	11,210	11,211	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
16	7,523	7,524	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
17	7,980	7,980	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
18	8,616	8,616	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
19	8,490	8,490	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
20	11,395	11,395	<b>3.42</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
21	12,445	12,445	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
22	4,787	4,787	<b>14.85</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
23	5,219	5,219	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
24	7,302	7,302	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
25	5,733	5,733	<b>12.48</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
26	6,907	6,907	<b>10.02</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
27	7,103	7,103	<b>9.65</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
28	8,025	8,025	<b>8.04</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
29	9,149	9,149	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
30	9,603	9,604	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
31	9,960	9,960	<b>5.19</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
32	10,381	10,382	<b>4.65</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
33	10,910	10,910	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
34	12,206	12,206	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
35	4,391	4,392	<b>15.97</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
36	4,849	4,850	<b>14.68</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
37	5,456	5,456	<b>13.13</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
38	6,933	6,933	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
39	7,926	7,926	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
40	8,051	8,051	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
41	8,778	8,778	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
42	6,528	6,528	<b>10.77</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
43	7,192	7,193	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
44	7,963	7,963	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
45	6,559	6,560	<b>10.70</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
46	7,222	7,223	<b>9.43</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
47	9,335	9,335	<b>6.04</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
48	9,991	9,991	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
49	11,697	11,697	<b>3.08</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
50	12,818	12,818	<b>1.89</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
51	13,369	13,369	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
52	11,827	11,827	<b>2.94</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
53	12,857	12,858	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
54	13,066	13,066	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
55	13,287	13,287	<b>1.42</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
56	13,867	13,867	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
57	11,888	11,888	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
58	12,078	12,079	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
59	13,776	13,776	<b>0.95</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
60	14,330	14,330	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00

Sum 26.12

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H443 H443

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,320	9,320	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	2	10,490	10,490	<b>4.51</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	3	10,999	10,999	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	4	8,095	8,095	<b>7.92</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	5	8,191	8,191	<b>7.77</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	6	8,843	8,843	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	7	7,898	7,898	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	8	9,672	9,672	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	9	8,695	8,695	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	10	8,020	8,020	<b>8.04</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	11	9,387	9,387	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	12	8,725	8,725	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	13	10,262	10,262	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	14	10,597	10,597	<b>4.38</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	15	11,271	11,271	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	16	7,579	7,580	<b>8.79</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	17	8,036	8,036	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	18	8,675	8,675	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	19	8,553	8,553	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	20	11,460	11,461	<b>3.35</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	21	12,511	12,511	<b>2.20</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	22	4,849	4,849	<b>14.68</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	23	5,282	5,283	<b>13.56</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	24	7,368	7,368	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	25	5,797	5,797	<b>12.33</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	26	6,970	6,970	<b>9.90</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	27	7,171	7,172	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	28	8,093	8,093	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	29	9,216	9,216	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	30	9,674	9,674	<b>5.57</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	31	10,029	10,029	<b>5.10</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	32	10,451	10,451	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	33	10,977	10,977	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	34	12,274	12,274	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	35	4,465	4,466	<b>15.76</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
	36	4,921	4,922	<b>14.49</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	37	5,528	5,529	<b>12.96</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	38	7,007	7,007	<b>9.83</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	39	7,997	7,997	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	40	8,124	8,124	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	41	8,850	8,850	<b>6.75</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	42	6,603	6,603	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	43	7,267	7,268	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	44	8,038	8,038	<b>8.02</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	45	6,632	6,633	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	46	7,295	7,296	<b>9.30</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	47	9,410	9,410	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	48	10,064	10,064	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	49	11,771	11,771	<b>3.00</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	50	12,892	12,893	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	51	13,443	13,443	<b>1.27</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	52	11,899	11,899	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	53	12,929	12,929	<b>1.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	54	13,138	13,138	<b>1.57</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	55	13,361	13,361	<b>1.35</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	56	13,939	13,939	<b>0.79</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	57	11,955	11,955	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	58	12,147	12,147	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	59	13,846	13,846	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	60	14,400	14,401	<b>0.37</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00

Sum 25.99

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H444 H444

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,360	9,360	<b>6.01</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
2	10,523	10,523	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
3	11,040	11,040	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
4	8,115	8,115	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
5	8,216	8,216	<b>7.73</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
6	8,870	8,870	<b>6.72</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
7	7,927	7,927	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
8	9,708	9,708	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
9	8,733	8,733	<b>6.92</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
10	8,061	8,061	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
11	9,434	9,434	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
12	8,778	8,778	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
13	10,316	10,316	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
14	10,656	10,656	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
15	11,331	11,331	<b>3.50</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
16	7,635	7,635	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
17	8,092	8,092	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
18	8,734	8,734	<b>6.92</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
19	8,616	8,616	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
20	11,525	11,525	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
21	12,577	12,577	<b>2.13</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
22	4,911	4,911	<b>14.52</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
23	5,346	5,346	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
24	7,433	7,434	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
25	5,861	5,861	<b>12.19</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
26	7,032	7,032	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
27	7,239	7,239	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
28	8,160	8,160	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
29	9,283	9,283	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
30	9,744	9,744	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
31	10,098	10,098	<b>5.01</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
32	10,520	10,520	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
33	11,044	11,044	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
34	12,342	12,342	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
35	4,538	4,539	<b>15.55</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
36	4,993	4,993	<b>14.30</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
37	5,600	5,601	<b>12.79</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
38	7,080	7,080	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
39	8,068	8,068	<b>7.97</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
40	8,197	8,197	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
41	8,921	8,922	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
42	6,677	6,677	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
43	7,341	7,342	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
44	8,112	8,112	<b>7.89</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
45	6,704	6,704	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
46	7,367	7,367	<b>9.17</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
47	9,483	9,483	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
48	10,135	10,135	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
49	11,843	11,844	<b>2.92</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
50	12,966	12,966	<b>1.74</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
51	13,516	13,516	<b>1.20</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
52	11,971	11,971	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
53	12,999	12,999	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
54	13,209	13,209	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
55	13,433	13,433	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
56	14,010	14,010	<b>0.73</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
57	12,021	12,021	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
58	12,214	12,215	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
59	13,914	13,914	<b>0.82</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
60	14,469	14,469	<b>0.31</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00

Sum 25.87



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H445 H445

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,908	9,908	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	2	11,051	11,051	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	3	11,589	11,589	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	4	8,593	8,593	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	5	8,714	8,714	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	6	9,376	9,376	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	7	8,441	8,441	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	8	10,243	10,243	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	9	9,277	9,277	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	10	8,613	8,613	<b>7.10</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	11	10,000	10,000	<b>5.14</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	12	9,351	9,351	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	13	10,890	10,890	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	14	11,231	11,231	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	15	11,905	11,905	<b>2.85</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	16	8,210	8,210	<b>7.74</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	17	8,666	8,666	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	18	9,309	9,309	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	19	9,186	9,186	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	20	12,091	12,091	<b>2.65</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	21	13,140	13,140	<b>1.56</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	22	5,483	5,483	<b>13.07</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	23	5,916	5,916	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	24	7,998	7,998	<b>8.08</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	25	6,429	6,430	<b>10.97</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	26	7,603	7,604	<b>8.75</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	27	7,794	7,794	<b>8.42</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	28	8,718	8,718	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	29	9,843	9,843	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	30	10,287	10,287	<b>4.77</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	31	10,647	10,647	<b>4.31</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	32	11,070	11,070	<b>3.80</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	33	11,603	11,603	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	34	12,896	12,896	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	35	5,048	5,049	<b>14.15</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	36	5,524	5,525	<b>12.97</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	37	6,126	6,126	<b>11.61</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	38	7,584	7,584	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	39	8,605	8,605	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	40	8,712	8,713	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	41	9,450	9,450	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	42	7,121	7,122	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	43	7,810	7,810	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	44	8,575	8,576	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	45	7,055	7,056	<b>9.74</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	46	7,714	7,714	<b>8.56</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	47	9,885	9,885	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	48	10,475	10,476	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	49	12,217	12,217	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	50	13,366	13,366	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	51	13,892	13,892	<b>0.84</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	52	12,307	12,307	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	53	13,313	13,313	<b>1.39</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	54	13,538	13,538	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	55	13,794	13,794	<b>0.93</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	56	14,336	14,336	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	57	12,260	12,260	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	58	12,478	12,479	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	59	14,192	14,192	<b>0.56</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	60	14,757	14,758	<b>0.05</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 24.89

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H446 H446

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,883	9,883	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	2	11,027	11,027	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	3	11,565	11,565	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	4	8,568	8,569	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	5	8,689	8,690	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	6	9,351	9,352	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	7	8,417	8,417	<b>7.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	8	10,219	10,219	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	9	9,253	9,253	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	10	8,589	8,589	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	11	9,976	9,976	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	12	9,328	9,328	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	13	10,867	10,867	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	14	11,209	11,209	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	15	11,884	11,884	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	16	8,188	8,188	<b>7.77</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	17	8,644	8,645	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	18	9,287	9,288	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	19	9,166	9,166	<b>6.28</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	20	12,072	12,072	<b>2.67</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	21	13,122	13,122	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	22	5,462	5,463	<b>13.12</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	23	5,896	5,896	<b>12.11</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	24	7,979	7,979	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	25	6,410	6,410	<b>11.01</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	26	7,583	7,583	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	27	7,776	7,777	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	28	8,700	8,700	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	29	9,824	9,824	<b>5.37</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	30	10,270	10,270	<b>4.79</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	31	10,630	10,630	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	32	11,052	11,053	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	33	11,585	11,585	<b>3.21</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	34	12,878	12,878	<b>1.83</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	35	5,034	5,035	<b>14.19</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	36	5,508	5,509	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	37	6,111	6,111	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	38	7,570	7,571	<b>8.81</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	39	8,588	8,589	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	40	8,698	8,698	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	41	9,435	9,435	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	42	7,112	7,112	<b>9.63</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	43	7,799	7,799	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	44	8,565	8,565	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	45	7,051	7,051	<b>9.75</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	46	7,710	7,710	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	47	9,878	9,878	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	48	10,472	10,472	<b>4.53</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	49	12,211	12,212	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	50	13,359	13,359	<b>1.35</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	51	13,887	13,887	<b>0.84</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	52	12,303	12,303	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	53	13,311	13,311	<b>1.39</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	54	13,535	13,535	<b>1.18</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	55	13,790	13,790	<b>0.93</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	56	14,333	14,333	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	57	12,262	12,262	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	58	12,479	12,479	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	59	14,191	14,192	<b>0.56</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	60	14,757	14,757	<b>0.05</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 24.92

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H447 H447

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,805	9,805	<b>5.40</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	2	10,949	10,949	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	3	11,487	11,487	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	4	8,495	8,495	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	5	8,614	8,614	<b>7.10</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	6	9,276	9,276	<b>6.13</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	7	8,340	8,340	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	8	10,141	10,141	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	9	9,174	9,174	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	10	8,510	8,511	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	11	9,898	9,898	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	12	9,250	9,250	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	13	10,790	10,790	<b>4.14</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	14	11,133	11,133	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	15	11,808	11,808	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	16	8,111	8,111	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	17	8,567	8,567	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	18	9,211	9,211	<b>6.22</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	19	9,092	9,092	<b>6.39</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	20	11,999	11,999	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	21	13,049	13,049	<b>1.65</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	22	5,388	5,388	<b>13.30</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	23	5,822	5,822	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	24	7,906	7,907	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	25	6,336	6,336	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	26	7,509	7,509	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	27	7,706	7,707	<b>8.57</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	28	8,629	8,629	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	29	9,753	9,753	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	30	10,203	10,203	<b>4.87</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	31	10,561	10,561	<b>4.42</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	32	10,984	10,984	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	33	11,514	11,514	<b>3.29</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	34	12,809	12,809	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	35	4,973	4,973	<b>14.35</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	36	5,443	5,443	<b>13.16</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	37	6,046	6,047	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	38	7,510	7,511	<b>8.91</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	39	8,522	8,523	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	40	8,636	8,636	<b>7.07</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	41	9,370	9,370	<b>5.99</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	42	7,062	7,062	<b>9.73</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	43	7,745	7,745	<b>8.51</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	44	8,512	8,512	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	45	7,015	7,016	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	46	7,675	7,675	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	47	9,835	9,835	<b>5.36</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	48	10,439	10,439	<b>4.57</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	49	12,173	12,173	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	50	13,317	13,317	<b>1.39</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	51	13,848	13,848	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	52	12,271	12,271	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	53	13,282	13,282	<b>1.42</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	54	13,503	13,504	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	55	13,754	13,754	<b>0.97</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
	56	14,302	14,302	<b>0.46</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	57	12,243	12,244	<b>2.49</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	58	12,457	12,457	<b>2.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	59	14,168	14,168	<b>0.58</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	60	14,731	14,732	<b>0.08</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00

Sum 25.04

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H448 H448

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,786	9,786	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	2	10,929	10,929	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	3	11,468	11,468	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	4	8,471	8,472	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	5	8,592	8,592	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	6	9,254	9,254	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	7	8,319	8,319	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	8	10,121	10,121	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	9	9,155	9,155	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	10	8,492	8,492	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	11	9,881	9,881	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	12	9,236	9,236	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	13	10,776	10,776	<b>4.16</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	14	11,121	11,121	<b>3.74</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	15	11,798	11,798	<b>2.97</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	16	8,098	8,098	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	17	8,554	8,554	<b>7.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	18	9,200	9,200	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	19	9,083	9,083	<b>6.40</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	20	11,991	11,991	<b>2.76</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	21	13,042	13,042	<b>1.66</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	22	5,378	5,378	<b>13.32</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	23	5,813	5,813	<b>12.30</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	24	7,899	7,899	<b>8.25</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	25	6,328	6,328	<b>11.18</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	26	7,499	7,499	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	27	7,701	7,701	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	28	8,623	8,623	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	29	9,747	9,747	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	30	10,199	10,199	<b>4.88</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	31	10,557	10,557	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	32	10,979	10,979	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	33	11,508	11,508	<b>3.30</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	34	12,803	12,803	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	35	4,973	4,973	<b>14.35</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	36	5,441	5,441	<b>13.17</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	37	6,045	6,045	<b>11.78</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	38	7,511	7,511	<b>8.91</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	39	8,519	8,520	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	40	8,635	8,636	<b>7.07</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	41	9,368	9,368	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	42	7,067	7,067	<b>9.72</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	43	7,748	7,749	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	44	8,516	8,516	<b>7.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	45	7,026	7,027	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	46	7,686	7,687	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	47	9,843	9,844	<b>5.34</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	48	10,450	10,451	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	49	12,183	12,183	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	50	13,325	13,325	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	51	13,858	13,858	<b>0.87</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	52	12,283	12,283	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	53	13,295	13,295	<b>1.41</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	54	13,516	13,516	<b>1.20</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	55	13,764	13,765	<b>0.96</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	56	14,315	14,315	<b>0.45</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	57	12,260	12,260	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	58	12,473	12,473	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	59	14,183	14,183	<b>0.57</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	60	14,746	14,746	<b>0.06</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00

Sum 25.05

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H449 H449

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,773	9,773	<b>5.44</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	2	10,915	10,915	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	3	11,455	11,455	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	4	8,457	8,457	<b>7.34</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	5	8,577	8,577	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	6	9,239	9,240	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	7	8,305	8,305	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	8	10,108	10,108	<b>5.00</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	9	9,142	9,142	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	10	8,479	8,480	<b>7.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	11	9,870	9,870	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	12	9,225	9,225	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	13	10,765	10,765	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	14	11,112	11,112	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	15	11,789	11,789	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	16	8,088	8,088	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	17	8,544	8,544	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	18	9,191	9,191	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	19	9,074	9,075	<b>6.42</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	20	11,984	11,984	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	21	13,035	13,035	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	22	5,369	5,370	<b>13.34</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	23	5,804	5,805	<b>12.32</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	24	7,891	7,892	<b>8.26</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	25	6,320	6,320	<b>11.19</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	26	7,491	7,491	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	27	7,694	7,694	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	28	8,616	8,616	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	29	9,740	9,740	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	30	10,194	10,194	<b>4.89</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	31	10,551	10,551	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	32	10,973	10,973	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	33	11,501	11,501	<b>3.30</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	34	12,797	12,797	<b>1.91</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	35	4,969	4,970	<b>14.36</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	36	5,436	5,436	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	37	6,040	6,041	<b>11.79</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	38	7,508	7,508	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	39	8,514	8,514	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	40	8,632	8,632	<b>7.07</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	41	9,364	9,364	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	42	7,067	7,067	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	43	7,747	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	44	8,515	8,515	<b>7.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	45	7,029	7,030	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	46	7,689	7,690	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	47	9,845	9,845	<b>5.34</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	48	10,454	10,454	<b>4.55</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	49	12,186	12,186	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	50	13,327	13,327	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	51	13,860	13,861	<b>0.87</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	52	12,286	12,287	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	53	13,299	13,300	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	54	13,520	13,520	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	55	13,767	13,767	<b>0.96</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	56	14,319	14,319	<b>0.44</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	57	12,266	12,266	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	58	12,478	12,478	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	59	14,188	14,188	<b>0.56</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	60	14,751	14,751	<b>0.06</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 25.06

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H450 H450

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,727	9,727	<b>5.50</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	2	10,863	10,863	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	3	11,409	11,409	<b>3.41</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	4	8,398	8,398	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	5	8,521	8,521	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	6	9,184	9,184	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	7	8,251	8,251	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	8	10,058	10,058	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	9	9,094	9,094	<b>6.39</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	10	8,434	8,434	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	11	9,829	9,829	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	12	9,191	9,191	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	13	10,732	10,732	<b>4.21</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	14	11,083	11,083	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	15	11,763	11,763	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	16	8,057	8,057	<b>7.98</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	17	8,513	8,513	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	18	9,164	9,164	<b>6.29</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	19	9,053	9,053	<b>6.45</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	20	11,965	11,965	<b>2.79</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	21	13,018	13,018	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	22	5,346	5,347	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	23	5,783	5,784	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	24	7,874	7,874	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	25	6,300	6,300	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	26	7,469	7,469	<b>8.99</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	27	7,682	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	28	8,602	8,602	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	29	9,725	9,725	<b>5.50</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	30	10,186	10,186	<b>4.90</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	31	10,541	10,541	<b>4.45</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	32	10,962	10,962	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	33	11,486	11,487	<b>3.32</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	34	12,785	12,785	<b>1.92</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	35	4,971	4,972	<b>14.36</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	36	5,432	5,433	<b>13.19</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	37	6,038	6,039	<b>11.80</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	38	7,511	7,512	<b>8.91</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	39	8,509	8,509	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	40	8,632	8,632	<b>7.07</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	41	9,361	9,361	<b>6.01</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	42	7,083	7,083	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	43	7,758	7,759	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	44	8,527	8,527	<b>7.24</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	45	7,059	7,060	<b>9.73</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	46	7,720	7,721	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	47	9,868	9,868	<b>5.31</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	48	10,486	10,486	<b>4.51</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	49	12,213	12,213	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	50	13,350	13,350	<b>1.36</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	51	13,888	13,888	<b>0.84</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	52	12,319	12,319	<b>2.40</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	53	13,335	13,335	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	54	13,553	13,553	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	55	13,796	13,796	<b>0.93</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	56	14,353	14,353	<b>0.41</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	57	12,310	12,310	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	58	12,519	12,519	<b>2.19</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	59	14,228	14,228	<b>0.53</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	60	14,789	14,790	<b>0.02</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00

Sum 25.08

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H451 H451

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,958	9,958	<b>5.19</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	2	11,106	11,106	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	3	11,639	11,639	<b>3.15</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	4	8,656	8,656	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	5	8,774	8,775	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	6	9,435	9,435	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	7	8,499	8,499	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	8	10,297	10,297	<b>4.75</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	9	9,328	9,328	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	10	8,662	8,662	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	11	10,043	10,043	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	12	9,388	9,388	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	13	10,925	10,925	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	14	11,261	11,261	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	15	11,933	11,933	<b>2.82</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	16	8,244	8,244	<b>7.68</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	17	8,700	8,700	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	18	9,338	9,338	<b>6.04</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	19	9,210	9,210	<b>6.22</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	20	12,111	12,111	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	21	13,158	13,158	<b>1.54</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	22	5,508	5,509	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	23	5,939	5,939	<b>12.01</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	24	8,017	8,017	<b>8.05</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	25	6,451	6,452	<b>10.92</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	26	7,628	7,628	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	27	7,808	7,809	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	28	8,734	8,734	<b>6.92</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	29	9,859	9,859	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	30	10,296	10,296	<b>4.75</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	31	10,658	10,658	<b>4.30</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	32	11,082	11,082	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	33	11,619	11,619	<b>3.17</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	34	12,909	12,909	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	35	5,048	5,048	<b>14.15</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	36	5,530	5,530	<b>12.96</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	37	6,129	6,130	<b>11.60</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	38	7,581	7,581	<b>8.79</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	39	8,611	8,612	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	40	8,713	8,713	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	41	9,454	9,454	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	42	7,105	7,106	<b>9.64</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	43	7,798	7,799	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	44	8,563	8,563	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	45	7,024	7,024	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	46	7,682	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	47	9,861	9,861	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	48	10,442	10,442	<b>4.57</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	49	12,188	12,188	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	50	13,341	13,341	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	51	13,863	13,864	<b>0.87</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	52	12,272	12,272	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	53	13,276	13,276	<b>1.43</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	54	13,502	13,502	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	55	13,763	13,763	<b>0.96</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
	56	14,300	14,300	<b>0.46</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	57	12,214	12,214	<b>2.52</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	58	12,435	12,435	<b>2.28</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	59	14,150	14,150	<b>0.60</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	60	14,716	14,717	<b>0.09</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00

Sum 24.87

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H452 H452

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,494	10,494	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	2	11,598	11,598	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	3	12,177	12,177	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	4	9,063	9,064	<b>6.43</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	5	9,215	9,215	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	6	9,888	9,888	<b>5.28</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	7	8,969	8,969	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	8	10,806	10,806	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	9	9,856	9,856	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	10	9,209	9,209	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	11	10,626	10,626	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	12	10,002	10,002	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	13	11,546	11,546	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	14	11,903	11,903	<b>2.85</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	15	12,584	12,584	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	16	8,874	8,874	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	17	9,330	9,331	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	18	9,984	9,984	<b>5.16</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	19	9,873	9,873	<b>5.31</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	20	12,783	12,783	<b>1.92</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	21	13,833	13,833	<b>0.89</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	22	6,167	6,167	<b>11.52</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	23	6,603	6,603	<b>10.61</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	24	8,690	8,690	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	25	7,119	7,119	<b>9.62</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	26	8,289	8,289	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	27	8,490	8,490	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	28	9,413	9,413	<b>5.93</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	29	10,537	10,537	<b>4.45</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	30	10,982	10,982	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	31	11,343	11,343	<b>3.48</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	32	11,766	11,766	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	33	12,298	12,298	<b>2.43</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	34	13,592	13,592	<b>1.12</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	35	5,736	5,736	<b>12.47</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	36	6,218	6,218	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	37	6,818	6,818	<b>10.19</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	38	8,268	8,268	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	39	9,299	9,299	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	40	9,401	9,401	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	41	10,142	10,142	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	42	7,773	7,774	<b>8.46</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	43	8,475	8,475	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	44	9,238	9,238	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	45	7,642	7,643	<b>8.68</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	46	8,296	8,297	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	47	10,505	10,505	<b>4.49</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	48	11,047	11,047	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	49	12,812	12,813	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	50	13,981	13,981	<b>0.76</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	51	14,489	14,489	<b>0.29</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	52	12,872	12,872	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	53	13,859	13,859	<b>0.87</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	54	14,095	14,096	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	55	14,379	14,379	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	56	14,890	14,890	<b>-0.06</b>	108.5	0.00	94.46	-	-	0.00	0.00	-	0.00
	57	12,739	12,740	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	58	12,980	12,980	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	59	14,704	14,704	<b>0.10</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	60	15,278	15,278	<b>-0.40</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00

Sum 23.79



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H453 H453

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,983	9,983	<b>5.16</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
2	11,137	11,137	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
3	11,664	11,664	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
4	8,696	8,696	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
5	8,811	8,811	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
6	9,471	9,471	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
7	8,533	8,533	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
8	10,325	10,325	<b>4.72</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
9	9,355	9,355	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
10	8,686	8,686	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
11	10,061	10,061	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
12	9,400	9,400	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
13	10,936	10,936	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
14	11,266	11,266	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
15	11,935	11,935	<b>2.82</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
16	8,252	8,252	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
17	8,708	8,708	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
18	9,342	9,342	<b>6.03</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
19	9,209	9,209	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
20	12,107	12,107	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
21	13,152	13,152	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
22	5,509	5,510	<b>13.01</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
23	5,938	5,939	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
24	8,012	8,012	<b>8.06</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
25	6,449	6,450	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
26	7,628	7,628	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
27	7,799	7,799	<b>8.41</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
28	8,726	8,726	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
29	9,851	9,851	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
30	10,282	10,282	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
31	10,646	10,646	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
32	11,070	11,070	<b>3.80</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
33	11,610	11,611	<b>3.18</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
34	12,899	12,899	<b>1.80</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
35	5,027	5,027	<b>14.21</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
36	5,513	5,514	<b>13.00</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
37	6,111	6,112	<b>11.64</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
38	7,558	7,558	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
39	8,596	8,596	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
40	8,691	8,692	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
41	9,436	9,436	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
42	7,071	7,072	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
43	7,768	7,768	<b>8.47</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
44	8,532	8,532	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
45	6,979	6,979	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
46	7,636	7,637	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
47	9,820	9,821	<b>5.38</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
48	10,395	10,395	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
49	12,144	12,144	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
50	13,300	13,300	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
51	13,820	13,820	<b>0.91</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
52	12,225	12,225	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
53	13,226	13,226	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
54	13,454	13,454	<b>1.26</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
55	13,718	13,718	<b>1.00</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
56	14,251	14,251	<b>0.51</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
57	12,159	12,159	<b>2.58</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
58	12,382	12,382	<b>2.34</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
59	14,097	14,097	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
60	14,665	14,665	<b>0.13</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00

Sum 24.89

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H454 H454

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,955	9,955	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	2	11,112	11,112	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	3	11,635	11,635	<b>3.15</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	4	8,677	8,677	<b>7.01</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	5	8,790	8,790	<b>6.84</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	6	9,449	9,449	<b>5.88</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	7	8,510	8,510	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	8	10,299	10,299	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	9	9,327	9,327	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	10	8,657	8,657	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	11	10,029	10,029	<b>5.10</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	12	9,366	9,366	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	13	10,901	10,901	<b>4.00</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	14	11,230	11,230	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	15	11,899	11,899	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	16	8,217	8,217	<b>7.72</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	17	8,673	8,674	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	18	9,306	9,306	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	19	9,171	9,172	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	20	12,068	12,068	<b>2.67</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	21	13,113	13,113	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	22	5,472	5,473	<b>13.09</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	23	5,901	5,901	<b>12.10</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	24	7,973	7,973	<b>8.12</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	25	6,411	6,412	<b>11.00</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	26	7,590	7,590	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	27	7,760	7,760	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	28	8,686	8,687	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	29	9,812	9,812	<b>5.39</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	30	10,241	10,241	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	31	10,606	10,606	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	32	11,030	11,030	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	33	11,571	11,571	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	34	12,859	12,859	<b>1.84</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	35	4,986	4,986	<b>14.32</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
	36	5,473	5,473	<b>13.09</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	37	6,071	6,071	<b>11.73</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	38	7,517	7,517	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	39	8,555	8,555	<b>7.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	40	8,651	8,651	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	41	9,395	9,395	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	42	7,031	7,031	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	43	7,727	7,727	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	44	8,491	8,491	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	45	6,940	6,941	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	46	7,598	7,598	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	47	9,781	9,781	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	48	10,357	10,357	<b>4.68</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	49	12,105	12,105	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	50	13,260	13,260	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	51	13,781	13,781	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	52	12,187	12,187	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	53	13,189	13,190	<b>1.51</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	54	13,416	13,417	<b>1.29</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
	55	13,680	13,680	<b>1.04</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	56	14,214	14,214	<b>0.54</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	57	12,125	12,125	<b>2.61</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	58	12,347	12,347	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	59	14,062	14,062	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	60	14,629	14,629	<b>0.17</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00

Sum 24.96

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H455 H455

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,880	9,880	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	2	11,039	11,039	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	3	11,560	11,560	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	4	8,608	8,609	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	5	8,719	8,719	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	6	9,377	9,377	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	7	8,437	8,437	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	8	10,225	10,225	<b>4.84</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	9	9,252	9,253	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	10	8,582	8,582	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	11	9,953	9,953	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	12	9,290	9,290	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	13	10,825	10,825	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	14	11,154	11,154	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	15	11,824	11,824	<b>2.94</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
	16	8,141	8,141	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	17	8,597	8,597	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	18	9,231	9,231	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	19	9,097	9,097	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	20	11,995	11,995	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	21	13,041	13,041	<b>1.66</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	22	5,397	5,398	<b>13.28</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
	23	5,826	5,827	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	24	7,900	7,901	<b>8.24</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	25	6,337	6,338	<b>11.16</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	26	7,516	7,516	<b>8.90</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	27	7,688	7,689	<b>8.60</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	28	8,615	8,615	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	29	9,740	9,740	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	30	10,173	10,173	<b>4.91</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	31	10,536	10,537	<b>4.45</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	32	10,960	10,960	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	33	11,500	11,500	<b>3.30</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	34	12,789	12,789	<b>1.92</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	35	4,921	4,922	<b>14.49</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	36	5,405	5,406	<b>13.26</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	37	6,004	6,004	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	38	7,454	7,454	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	39	8,487	8,487	<b>7.30</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	40	8,586	8,586	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	41	9,329	9,329	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	42	6,977	6,977	<b>9.89</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	43	7,670	7,670	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	44	8,434	8,435	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	45	6,900	6,900	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	46	7,558	7,559	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	47	9,734	9,734	<b>5.49</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	48	10,319	10,319	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	49	12,062	12,063	<b>2.68</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	50	13,214	13,214	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	51	13,738	13,738	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	52	12,150	12,150	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	53	13,155	13,155	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	54	13,380	13,380	<b>1.33</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	55	13,639	13,639	<b>1.08</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
	56	14,178	14,178	<b>0.57</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	57	12,101	12,101	<b>2.64</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	58	12,320	12,320	<b>2.40</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	59	14,033	14,033	<b>0.71</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	60	14,599	14,599	<b>0.19</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00

Sum 25.08

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H456 H456

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,879	9,879	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	2	11,046	11,046	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	3	11,558	11,558	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	4	8,632	8,632	<b>7.07</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	5	8,737	8,737	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	6	9,392	9,393	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	7	8,450	8,450	<b>7.36</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	8	10,230	10,230	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	9	9,254	9,254	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	10	8,579	8,579	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	11	9,942	9,942	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	12	9,271	9,271	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	13	10,804	10,804	<b>4.12</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	14	11,126	11,126	<b>3.74</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	15	11,792	11,792	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	16	8,117	8,117	<b>7.89</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	17	8,573	8,573	<b>7.16</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	18	9,201	9,201	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	19	9,061	9,061	<b>6.43</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	20	11,954	11,954	<b>2.80</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	21	12,998	12,998	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	22	5,364	5,365	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	23	5,791	5,791	<b>12.35</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	24	7,859	7,859	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	25	6,300	6,300	<b>11.24</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	26	7,481	7,481	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	27	7,642	7,642	<b>8.68</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	28	8,570	8,570	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	29	9,696	9,696	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	30	10,120	10,121	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	31	10,487	10,487	<b>4.51</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	32	10,911	10,911	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	33	11,454	11,454	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	34	12,741	12,741	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	35	4,861	4,862	<b>14.65</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	36	5,351	5,351	<b>13.39</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	37	5,948	5,948	<b>12.00</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	38	7,391	7,392	<b>9.12</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	39	8,433	8,434	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	40	8,526	8,526	<b>7.24</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	41	9,272	9,272	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	42	6,904	6,905	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	43	7,601	7,601	<b>8.75</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	44	8,364	8,365	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	45	6,818	6,818	<b>10.19</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	46	7,476	7,476	<b>8.97</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	47	9,656	9,656	<b>5.60</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	48	10,236	10,236	<b>4.83</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	49	11,982	11,982	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	50	13,135	13,136	<b>1.57</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	51	13,657	13,658	<b>1.06</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	52	12,067	12,067	<b>2.68</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	53	13,071	13,071	<b>1.63</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	54	13,297	13,297	<b>1.41</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	55	13,557	13,557	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	56	14,094	14,094	<b>0.65</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	57	12,014	12,014	<b>2.73</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	58	12,233	12,233	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	59	13,947	13,947	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	60	14,513	14,513	<b>0.27</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00

Sum 25.16

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H457 H457

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,874	9,874	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	2	11,049	11,049	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	3	11,552	11,552	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	4	8,648	8,648	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	5	8,748	8,748	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	6	9,401	9,401	<b>5.95</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	7	8,457	8,457	<b>7.34</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	8	10,230	10,230	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	9	9,250	9,251	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	10	8,572	8,573	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	11	9,927	9,927	<b>5.23</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	12	9,249	9,249	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	13	10,780	10,780	<b>4.15</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	14	11,096	11,096	<b>3.77</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	15	11,759	11,759	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	16	8,091	8,091	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	17	8,548	8,548	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	18	9,170	9,170	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	19	9,025	9,025	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	20	11,914	11,914	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	21	12,956	12,956	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	22	5,331	5,331	<b>13.44</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	23	5,755	5,755	<b>12.43</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	24	7,819	7,819	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	25	6,263	6,263	<b>11.31</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	26	7,445	7,446	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	27	7,597	7,597	<b>8.76</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	28	8,526	8,526	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	29	9,652	9,652	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	30	10,071	10,071	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	31	10,439	10,439	<b>4.57</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	32	10,863	10,863	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	33	11,410	11,410	<b>3.41</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	34	12,694	12,694	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	35	4,805	4,806	<b>14.80</b>	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
	36	5,299	5,300	<b>13.52</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	37	5,894	5,894	<b>12.12</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	38	7,333	7,333	<b>9.23</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	39	8,382	8,382	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	40	8,470	8,470	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	41	9,218	9,218	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	42	6,837	6,838	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	43	7,536	7,537	<b>8.87</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	44	8,299	8,300	<b>7.59</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	45	6,744	6,744	<b>10.34</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	46	7,402	7,402	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	47	9,584	9,585	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	48	10,161	10,161	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	49	11,908	11,909	<b>2.85</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	50	13,064	13,064	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	51	13,584	13,584	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	52	11,991	11,992	<b>2.76</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	53	12,995	12,995	<b>1.71</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	54	13,221	13,221	<b>1.48</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	55	13,483	13,483	<b>1.23</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	56	14,019	14,019	<b>0.72</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
	57	11,937	11,937	<b>2.82</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	58	12,156	12,156	<b>2.58</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	59	13,870	13,870	<b>0.86</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	60	14,436	14,436	<b>0.34</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00

Sum 25.24

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H458 H458

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,865	9,865	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	2	11,046	11,046	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	3	11,543	11,543	<b>3.26</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	4	8,656	8,656	<b>7.04</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	5	8,752	8,753	<b>6.89</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	6	9,404	9,404	<b>5.95</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	7	8,458	8,458	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	8	10,225	10,225	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	9	9,243	9,243	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	10	8,563	8,563	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	11	9,911	9,911	<b>5.25</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	12	9,227	9,228	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	13	10,757	10,757	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	14	11,068	11,068	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	15	11,729	11,729	<b>3.05</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	16	8,067	8,067	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	17	8,523	8,523	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	18	9,142	9,142	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	19	8,992	8,992	<b>6.54</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	20	11,878	11,878	<b>2.88</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	21	12,919	12,919	<b>1.78</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	22	5,301	5,301	<b>13.51</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	23	5,723	5,724	<b>12.50</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	24	7,783	7,783	<b>8.44</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	25	6,230	6,230	<b>11.38</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	26	7,414	7,414	<b>9.08</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	27	7,558	7,558	<b>8.83</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	28	8,488	8,488	<b>7.30</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	29	9,614	9,614	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	30	10,028	10,028	<b>5.10</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	31	10,397	10,397	<b>4.63</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	32	10,822	10,822	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	33	11,371	11,371	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	34	12,654	12,654	<b>2.05</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	35	4,758	4,758	<b>14.93</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	36	5,255	5,256	<b>13.63</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
	37	5,849	5,849	<b>12.22</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
	38	7,284	7,284	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	8,338	8,338	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	40	8,422	8,422	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	41	9,173	9,173	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	42	6,782	6,783	<b>10.26</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	43	7,483	7,484	<b>8.96</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	44	8,246	8,246	<b>7.68</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	45	6,684	6,685	<b>10.45</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	46	7,342	7,342	<b>9.21</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	47	9,527	9,527	<b>5.78</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	48	10,101	10,101	<b>5.01</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	49	11,849	11,849	<b>2.91</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	50	13,006	13,006	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	51	13,525	13,525	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	52	11,931	11,931	<b>2.82</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	53	12,934	12,934	<b>1.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	54	13,161	13,161	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	55	13,424	13,424	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	56	13,958	13,958	<b>0.78</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	57	11,875	11,876	<b>2.88</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	58	12,095	12,095	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	59	13,809	13,809	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	60	14,375	14,375	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 25.32

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H459 H459

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,879	9,879	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
2	11,061	11,061	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
3	11,556	11,556	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
4	8,674	8,674	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
5	8,770	8,770	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
6	9,421	9,421	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
7	8,474	8,474	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
8	10,240	10,240	<b>4.83</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
9	9,258	9,258	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
10	8,576	8,576	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
11	9,923	9,923	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
12	9,237	9,237	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
13	10,766	10,766	<b>4.17</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
14	11,076	11,076	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
15	11,736	11,736	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
16	8,076	8,076	<b>7.95</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
17	8,532	8,532	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
18	9,149	9,150	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
19	8,998	8,998	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
20	11,882	11,882	<b>2.88</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
21	12,923	12,923	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
22	5,307	5,308	<b>13.50</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
23	5,729	5,729	<b>12.49</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
24	7,787	7,787	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
25	6,235	6,235	<b>11.37</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
26	7,420	7,420	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
27	7,560	7,561	<b>8.82</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
28	8,491	8,491	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
29	9,617	9,618	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
30	10,028	10,029	<b>5.10</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
31	10,399	10,399	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
32	10,823	10,823	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
33	11,374	11,374	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
34	12,656	12,656	<b>2.05</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
35	4,756	4,757	<b>14.93</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
36	5,256	5,256	<b>13.63</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
37	5,848	5,849	<b>12.22</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
38	7,281	7,281	<b>9.32</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
39	8,338	8,338	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
40	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
41	9,172	9,172	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
42	6,776	6,776	<b>10.27</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
43	7,478	7,478	<b>8.97</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
44	8,240	8,240	<b>7.69</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
45	6,673	6,673	<b>10.48</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
46	7,330	7,331	<b>9.23</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
47	9,517	9,517	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
48	10,089	10,089	<b>5.02</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
49	11,838	11,839	<b>2.92</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
50	12,996	12,996	<b>1.71</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
51	13,514	13,514	<b>1.20</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
52	11,919	11,919	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
53	12,921	12,921	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
54	13,148	13,148	<b>1.56</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
55	13,412	13,412	<b>1.30</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
56	13,945	13,945	<b>0.79</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
57	11,860	11,860	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
58	12,080	12,080	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
59	13,794	13,794	<b>0.93</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
60	14,361	14,361	<b>0.41</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00

Sum 25.31

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H460 H460

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,923	9,923	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
2	11,108	11,108	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
3	11,600	11,600	<b>3.19</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
4	8,727	8,727	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
5	8,821	8,821	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
6	9,471	9,471	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
7	8,523	8,524	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
8	10,286	10,286	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
9	9,302	9,302	<b>6.09</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
10	8,619	8,619	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
11	9,961	9,961	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
12	9,271	9,271	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
13	10,799	10,799	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
14	11,104	11,104	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
15	11,762	11,762	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
16	8,107	8,108	<b>7.90</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
17	8,563	8,563	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
18	9,178	9,178	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
19	9,021	9,022	<b>6.49</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
20	11,902	11,902	<b>2.85</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
21	12,941	12,941	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
22	5,334	5,334	<b>13.43</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
23	5,754	5,754	<b>12.43</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
24	7,808	7,808	<b>8.40</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
25	6,258	6,259	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
26	7,444	7,445	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
27	7,577	7,577	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
28	8,508	8,508	<b>7.27</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
29	9,635	9,635	<b>5.63</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
30	10,040	10,040	<b>5.08</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
31	10,412	10,412	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
32	10,837	10,837	<b>4.08</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
33	11,391	11,391	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
34	12,671	12,671	<b>2.04</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
35	4,762	4,763	<b>14.92</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
36	5,266	5,267	<b>13.60</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
37	5,857	5,857	<b>12.20</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
38	7,284	7,284	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
39	8,349	8,349	<b>7.51</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
40	8,425	8,425	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
41	9,180	9,180	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
42	6,768	6,768	<b>10.29</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
43	7,474	7,474	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
44	8,235	8,235	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
45	6,652	6,652	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
46	7,308	7,309	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
47	9,502	9,502	<b>5.81</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
48	10,065	10,065	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
49	11,819	11,819	<b>2.95</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
50	12,980	12,980	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
51	13,495	13,495	<b>1.22</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
52	11,894	11,894	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
53	12,894	12,894	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
54	13,122	13,123	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
55	13,391	13,391	<b>1.32</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
56	13,919	13,920	<b>0.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
57	11,825	11,825	<b>2.94</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
58	12,047	12,048	<b>2.70</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
59	13,763	13,763	<b>0.96</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
60	14,331	14,331	<b>0.43</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00

Sum 25.29



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H461 H461

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,946	9,946	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	2	11,133	11,133	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	3	11,622	11,622	<b>3.17</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	4	8,754	8,755	<b>6.89</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	5	8,847	8,848	<b>6.75</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	6	9,497	9,497	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	7	8,549	8,549	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	8	10,310	10,310	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	9	9,326	9,326	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	10	8,642	8,642	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	11	9,981	9,981	<b>5.16</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	12	9,289	9,289	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	13	10,816	10,816	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	14	11,119	11,119	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	15	11,776	11,776	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	16	8,124	8,124	<b>7.88</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	17	8,580	8,580	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	18	9,192	9,192	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	19	9,034	9,034	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	20	11,913	11,913	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	21	12,951	12,951	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	22	5,348	5,348	<b>13.40</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	23	5,767	5,767	<b>12.40</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	24	7,818	7,818	<b>8.38</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	25	6,270	6,271	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	26	7,457	7,457	<b>9.01</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	27	7,585	7,586	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	28	8,517	8,517	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	29	9,644	9,644	<b>5.61</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	30	10,046	10,046	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	31	10,419	10,419	<b>4.60</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	32	10,844	10,844	<b>4.07</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	33	11,400	11,400	<b>3.42</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	34	12,678	12,678	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	35	4,765	4,766	<b>14.91</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	36	5,272	5,272	<b>13.58</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	37	5,861	5,862	<b>12.19</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	38	7,285	7,285	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	8,354	8,354	<b>7.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	40	8,428	8,428	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	41	9,184	9,184	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	42	6,763	6,764	<b>10.30</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	43	7,471	7,472	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	44	8,231	8,232	<b>7.70</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	45	6,640	6,641	<b>10.54</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	46	7,296	7,297	<b>9.29</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	47	9,493	9,493	<b>5.82</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	48	10,052	10,053	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	49	11,808	11,808	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	50	12,971	12,971	<b>1.73</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	51	13,484	13,484	<b>1.23</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	52	11,881	11,881	<b>2.88</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	53	12,879	12,879	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	54	13,109	13,109	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	55	13,379	13,379	<b>1.33</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	56	13,906	13,906	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	57	11,807	11,807	<b>2.96</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	58	12,030	12,030	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	59	13,747	13,747	<b>0.98</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	60	14,315	14,315	<b>0.45</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00

Sum 25.27

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H462 H462

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,969	9,969	<b>5.18</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	2	11,158	11,158	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	3	11,645	11,645	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	4	8,783	8,783	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	5	8,875	8,875	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	6	9,524	9,524	<b>5.78</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	7	8,576	8,576	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	8	10,334	10,334	<b>4.71</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	9	9,350	9,350	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	10	8,665	8,665	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	11	10,002	10,002	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	12	9,307	9,308	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	13	10,833	10,833	<b>4.09</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	14	11,134	11,134	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	15	11,790	11,790	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	16	8,141	8,141	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	17	8,597	8,597	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	18	9,207	9,207	<b>6.22</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	19	9,046	9,046	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	20	11,923	11,923	<b>2.83</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	21	12,961	12,961	<b>1.74</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	22	5,362	5,363	<b>13.36</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	23	5,780	5,781	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	24	7,829	7,829	<b>8.36</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	25	6,283	6,283	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	26	7,471	7,471	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	27	7,594	7,594	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	28	8,526	8,526	<b>7.24</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	29	9,654	9,654	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	30	10,052	10,052	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	31	10,426	10,426	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	32	10,851	10,851	<b>4.06</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	33	11,409	11,409	<b>3.41</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	34	12,686	12,686	<b>2.02</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	35	4,769	4,769	<b>14.90</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	36	5,278	5,278	<b>13.57</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	37	5,866	5,866	<b>12.18</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
	38	7,287	7,287	<b>9.31</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	8,359	8,359	<b>7.50</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	40	8,430	8,430	<b>7.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	41	9,188	9,188	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	42	6,759	6,759	<b>10.31</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	43	7,469	7,469	<b>8.99</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	44	8,228	8,229	<b>7.71</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	45	6,629	6,629	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	46	7,284	7,285	<b>9.32</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	47	9,485	9,485	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	48	10,040	10,040	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	49	11,797	11,797	<b>2.97</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	50	12,962	12,962	<b>1.74</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	51	13,473	13,473	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	52	11,868	11,868	<b>2.89</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	53	12,864	12,864	<b>1.84</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	54	13,095	13,095	<b>1.61</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	55	13,367	13,367	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	56	13,891	13,891	<b>0.84</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	57	11,788	11,788	<b>2.98</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	58	12,013	12,013	<b>2.73</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	59	13,730	13,730	<b>0.99</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	60	14,298	14,299	<b>0.46</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00

Sum 25.26

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H463 H463

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,010	10,010	5.12	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
2	11,194	11,194	3.66	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
3	11,687	11,687	3.09	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
4	8,807	8,807	6.81	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
5	8,903	8,903	6.67	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
6	9,554	9,554	5.74	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
7	8,607	8,608	7.11	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
8	10,372	10,372	4.66	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
9	9,389	9,389	5.97	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
10	8,707	8,707	6.96	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
11	10,049	10,049	5.07	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
12	9,359	9,359	6.01	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
13	10,886	10,886	4.02	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
14	11,191	11,191	3.66	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
15	11,848	11,848	2.91	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
16	8,195	8,195	7.76	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
17	8,651	8,651	7.05	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
18	9,264	9,264	6.14	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
19	9,106	9,106	6.37	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
20	11,986	11,986	2.76	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
21	13,024	13,024	1.68	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
22	5,420	5,420	13.22	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
23	5,839	5,840	12.24	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
24	7,891	7,891	8.26	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
25	6,343	6,343	11.15	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
26	7,530	7,530	8.88	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
27	7,658	7,658	8.65	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
28	8,590	8,590	7.14	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
29	9,717	9,717	5.51	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
30	10,118	10,118	4.98	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
31	10,491	10,491	4.51	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
32	10,916	10,917	3.99	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
33	11,472	11,472	3.34	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
34	12,751	12,751	1.96	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
35	4,836	4,837	14.72	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
36	5,344	5,344	13.41	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
37	5,933	5,933	12.03	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
38	7,355	7,355	9.19	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
39	8,426	8,426	7.39	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
40	8,498	8,498	7.28	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
41	9,255	9,255	6.16	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
42	6,828	6,828	10.17	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
43	7,538	7,538	8.86	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
44	8,298	8,298	7.60	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
45	6,696	6,696	10.43	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
46	7,351	7,352	9.20	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
47	9,553	9,553	5.74	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
48	10,106	10,106	5.00	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
49	11,865	11,865	2.90	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
50	13,030	13,030	1.67	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
51	13,541	13,541	1.17	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
52	11,934	11,934	2.82	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
53	12,929	12,929	1.77	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
54	13,160	13,160	1.54	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
55	13,434	13,434	1.27	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
56	13,957	13,957	0.78	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
57	11,848	11,848	2.91	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
58	12,075	12,075	2.67	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
59	13,792	13,792	0.93	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
60	14,362	14,362	0.41	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00

Sum 25.15

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H464 H464

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,940	9,940	<b>5.22</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	2	11,133	11,133	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	3	11,616	11,616	<b>3.17</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	4	8,764	8,764	<b>6.87</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	5	8,854	8,854	<b>6.74</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	6	9,502	9,502	<b>5.81</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	7	8,552	8,553	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	8	10,308	10,308	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	9	9,322	9,322	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	10	8,636	8,636	<b>7.07</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	11	9,969	9,969	<b>5.18</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	12	9,272	9,272	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	13	10,797	10,797	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	14	11,096	11,096	<b>3.77</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	15	11,751	11,751	<b>3.02</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	16	8,104	8,105	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	17	8,560	8,560	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	18	9,169	9,169	<b>6.28</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	19	9,007	9,007	<b>6.51</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	20	11,883	11,883	<b>2.88</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	21	12,919	12,919	<b>1.78</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	22	5,324	5,324	<b>13.46</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	23	5,741	5,741	<b>12.46</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	24	7,788	7,788	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	25	6,243	6,244	<b>11.36</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	26	7,431	7,431	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	27	7,552	7,553	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	28	8,485	8,485	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	29	9,612	9,612	<b>5.66</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	30	10,009	10,009	<b>5.13</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	31	10,384	10,384	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	32	10,809	10,809	<b>4.12</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	33	11,367	11,367	<b>3.46</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	34	12,643	12,644	<b>2.07</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	35	4,725	4,726	<b>15.02</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	36	5,235	5,235	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	37	5,823	5,823	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	38	7,243	7,243	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	39	8,316	8,316	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	40	8,386	8,387	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	41	9,144	9,144	<b>6.31</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	42	6,715	6,715	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	43	7,425	7,425	<b>9.06</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	44	8,184	8,185	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	45	6,587	6,588	<b>10.65</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	46	7,243	7,244	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	47	9,442	9,442	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	48	9,999	9,999	<b>5.14</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	49	11,755	11,755	<b>3.02</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	50	12,919	12,919	<b>1.78</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	51	13,431	13,432	<b>1.28</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	52	11,827	11,827	<b>2.94</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	53	12,825	12,825	<b>1.88</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	54	13,055	13,055	<b>1.65</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	55	13,326	13,326	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	56	13,851	13,851	<b>0.88</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	57	11,751	11,752	<b>3.02</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	58	11,975	11,975	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	59	13,692	13,692	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	60	14,260	14,260	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00

Sum 25.34

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H465 H465

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,902	9,902	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	2	11,099	11,099	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	3	11,577	11,577	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	4	8,742	8,742	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	5	8,828	8,828	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	6	9,474	9,474	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	7	8,523	8,523	<b>7.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	8	10,272	10,273	<b>4.78</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	9	9,285	9,285	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	10	8,596	8,596	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	11	9,925	9,925	<b>5.24</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	12	9,223	9,223	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	13	10,747	10,747	<b>4.19</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	14	11,042	11,042	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	15	11,696	11,696	<b>3.08</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	16	8,053	8,053	<b>7.99</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	17	8,509	8,509	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	18	9,115	9,115	<b>6.36</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	19	8,950	8,950	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	20	11,823	11,823	<b>2.94</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
	21	12,859	12,859	<b>1.84</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	22	5,269	5,269	<b>13.59</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	23	5,685	5,685	<b>12.59</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	24	7,729	7,729	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	25	6,186	6,187	<b>11.48</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	26	7,375	7,375	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	27	7,492	7,492	<b>8.95</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	28	8,424	8,424	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	29	9,552	9,552	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	30	9,946	9,946	<b>5.21</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	31	10,321	10,321	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	32	10,747	10,747	<b>4.19</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	33	11,306	11,306	<b>3.53</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	34	12,582	12,582	<b>2.13</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	35	4,661	4,661	<b>15.20</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
	36	5,172	5,172	<b>13.84</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	37	5,759	5,759	<b>12.42</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	38	7,177	7,178	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	39	8,253	8,253	<b>7.67</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	40	8,321	8,322	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	41	9,080	9,080	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	42	6,649	6,649	<b>10.52</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	43	7,359	7,359	<b>9.18</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	44	8,118	8,119	<b>7.88</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	45	6,523	6,523	<b>10.78</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	46	7,179	7,180	<b>9.51</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	47	9,376	9,377	<b>5.98</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	48	9,935	9,936	<b>5.22</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	49	11,691	11,691	<b>3.09</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	50	12,854	12,854	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	51	13,367	13,367	<b>1.34</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	52	11,764	11,764	<b>3.01</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	53	12,763	12,763	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	54	12,992	12,992	<b>1.71</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	55	13,262	13,262	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	56	13,789	13,789	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	57	11,694	11,694	<b>3.09</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	58	11,916	11,916	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	59	13,632	13,632	<b>1.08</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	60	14,199	14,200	<b>0.55</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00

Sum 25.44

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H466 H466

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,865	9,865	<b>5.32</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	2	11,065	11,065	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	3	11,539	11,539	<b>3.26</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	4	8,715	8,715	<b>6.95</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	5	8,798	8,798	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	6	9,443	9,443	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	7	8,491	8,491	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	8	10,237	10,237	<b>4.83</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	9	9,248	9,248	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	10	8,559	8,559	<b>7.19</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	11	9,884	9,884	<b>5.29</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	12	9,180	9,180	<b>6.26</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	13	10,703	10,703	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	14	10,997	10,997	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	15	11,650	11,650	<b>3.14</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	16	8,009	8,009	<b>8.06</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	17	8,465	8,465	<b>7.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	18	9,070	9,070	<b>6.42</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	19	8,903	8,903	<b>6.67</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	20	11,776	11,776	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	21	12,811	12,811	<b>1.89</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	22	5,223	5,224	<b>13.71</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	23	5,639	5,639	<b>12.70</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
	24	7,682	7,682	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	25	6,140	6,140	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	26	7,328	7,329	<b>9.24</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	27	7,443	7,444	<b>9.03</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	28	8,376	8,376	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	29	9,504	9,504	<b>5.81</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	30	9,898	9,898	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	31	10,273	10,273	<b>4.78</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	32	10,698	10,698	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	33	11,258	11,258	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	34	12,533	12,533	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	35	4,612	4,612	<b>15.34</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	36	5,123	5,124	<b>13.96</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	37	5,710	5,711	<b>12.53</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	38	7,129	7,129	<b>9.60</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	39	8,204	8,204	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	40	8,273	8,273	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	41	9,031	9,032	<b>6.48</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	42	6,602	6,602	<b>10.62</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	43	7,311	7,311	<b>9.27</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	44	8,071	8,071	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	45	6,480	6,481	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	46	7,137	7,137	<b>9.59</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	47	9,332	9,332	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	48	9,894	9,894	<b>5.28</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	49	11,648	11,648	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	50	12,809	12,809	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	51	13,324	13,324	<b>1.38</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	52	11,723	11,723	<b>3.05</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	53	12,723	12,723	<b>1.98</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	54	12,952	12,952	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	55	13,219	13,220	<b>1.48</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	56	13,749	13,749	<b>0.97</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
	57	11,659	11,659	<b>3.12</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	58	11,879	11,880	<b>2.88</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	59	13,594	13,595	<b>1.12</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	60	14,162	14,162	<b>0.59</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00

Sum 25.53

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H467 H467

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,818	9,818	<b>5.38</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	2	11,023	11,023	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	3	11,492	11,492	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	4	8,683	8,683	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	5	8,762	8,763	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	6	9,406	9,406	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	7	8,453	8,453	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	8	10,194	10,194	<b>4.89</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	9	9,203	9,203	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	10	8,512	8,512	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	11	9,832	9,832	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	12	9,125	9,125	<b>6.34</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	13	10,647	10,647	<b>4.31</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	14	10,938	10,938	<b>3.96</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	15	11,590	11,590	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	16	7,952	7,953	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	17	8,408	8,408	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	18	9,010	9,011	<b>6.51</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	19	8,842	8,842	<b>6.76</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	20	11,713	11,713	<b>3.06</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	21	12,748	12,748	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	22	5,164	5,164	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	23	5,578	5,578	<b>12.84</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	24	7,619	7,620	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	25	6,078	6,079	<b>11.71</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	26	7,268	7,268	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	27	7,380	7,380	<b>9.14</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	28	8,313	8,313	<b>7.57</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	29	9,440	9,441	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	30	9,833	9,833	<b>5.36</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	31	10,209	10,209	<b>4.87</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	32	10,634	10,634	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	33	11,194	11,194	<b>3.66</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	34	12,469	12,469	<b>2.25</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	35	4,547	4,547	<b>15.52</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
	36	5,058	5,059	<b>14.13</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	37	5,645	5,646	<b>12.68</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	38	7,064	7,064	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	39	8,139	8,140	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	40	8,208	8,208	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	41	8,966	8,966	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	42	6,538	6,538	<b>10.75</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	43	7,246	7,247	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	44	8,006	8,007	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	45	6,421	6,422	<b>10.98</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	46	7,078	7,079	<b>9.70</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	47	9,270	9,270	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	48	9,836	9,836	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	49	11,588	11,588	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	50	12,748	12,748	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	51	13,264	13,264	<b>1.44</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	52	11,666	11,666	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	53	12,667	12,668	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	54	12,895	12,895	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	55	13,161	13,161	<b>1.54</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	56	13,692	13,692	<b>1.03</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	57	11,609	11,609	<b>3.18</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	58	11,828	11,828	<b>2.94</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	59	13,542	13,542	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	60	14,108	14,108	<b>0.64</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00

Sum 25.65

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H468 H468

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,790	9,791	<b>5.42</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	2	11,000	11,000	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	3	11,463	11,463	<b>3.35</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	4	8,669	8,669	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	5	8,745	8,746	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	6	9,387	9,387	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	7	8,433	8,433	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	8	10,169	10,169	<b>4.92</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	9	9,177	9,177	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	10	8,483	8,483	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	11	9,799	9,799	<b>5.40</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	12	9,088	9,088	<b>6.40</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	13	10,608	10,609	<b>4.36</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	14	10,896	10,896	<b>4.01</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	15	11,546	11,547	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	16	7,913	7,913	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	17	8,369	8,369	<b>7.48</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	18	8,969	8,969	<b>6.57</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	19	8,797	8,797	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	20	11,666	11,667	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	21	12,701	12,701	<b>2.01</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	22	5,121	5,122	<b>13.97</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	23	5,535	5,535	<b>12.95</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	24	7,573	7,573	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	25	6,034	6,034	<b>11.81</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	26	7,224	7,224	<b>9.43</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	27	7,332	7,332	<b>9.23</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	28	8,265	8,265	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	29	9,393	9,393	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	30	9,783	9,783	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	31	10,159	10,159	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	32	10,584	10,584	<b>4.39</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	33	11,146	11,146	<b>3.71</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	34	12,420	12,420	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	35	4,495	4,495	<b>15.67</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
	36	5,008	5,008	<b>14.26</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
	37	5,594	5,594	<b>12.80</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
	38	7,011	7,011	<b>9.82</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	39	8,089	8,089	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	40	8,155	8,155	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	41	8,915	8,915	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	42	6,483	6,484	<b>10.86</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	43	7,192	7,192	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	44	7,952	7,952	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	45	6,368	6,368	<b>11.09</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	46	7,025	7,025	<b>9.80</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	47	9,216	9,216	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	48	9,783	9,783	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	49	11,534	11,534	<b>3.27</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	50	12,694	12,694	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	51	13,210	13,210	<b>1.49</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	52	11,613	11,613	<b>3.18</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	53	12,615	12,615	<b>2.09</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	54	12,842	12,842	<b>1.86</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	55	13,107	13,107	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	56	13,639	13,640	<b>1.08</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
	57	11,560	11,560	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	58	11,777	11,777	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	59	13,491	13,491	<b>1.22</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	60	14,057	14,057	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00

Sum 25.74



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:36 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H469 H469

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,749	9,749	5.47	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	2	10,962	10,962	3.93	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	3	11,420	11,420	3.40	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	4	8,641	8,642	7.06	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	5	8,714	8,714	6.95	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	6	9,354	9,354	6.02	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	7	8,399	8,399	7.44	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	8	10,130	10,130	4.97	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	9	9,136	9,136	6.33	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	10	8,441	8,441	7.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	11	9,752	9,752	5.47	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	12	9,037	9,038	6.47	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	13	10,557	10,557	4.43	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	14	10,842	10,842	4.08	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	15	11,491	11,491	3.31	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	16	7,861	7,861	8.31	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	17	8,316	8,316	7.57	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	18	8,914	8,914	6.65	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	19	8,741	8,741	6.91	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	20	11,608	11,608	3.18	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	21	12,642	12,642	2.07	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	22	5,067	5,067	14.11	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	23	5,479	5,479	13.08	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	24	7,515	7,515	8.90	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	25	5,977	5,978	11.93	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	26	7,168	7,168	9.53	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	27	7,272	7,273	9.34	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	28	8,206	8,206	7.74	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	29	9,334	9,334	6.04	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	30	9,722	9,722	5.51	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	31	10,099	10,099	5.01	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	32	10,525	10,525	4.47	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	33	11,087	11,087	3.78	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	34	12,360	12,360	2.36	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	35	4,434	4,434	15.85	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	36	4,947	4,948	14.42	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	37	5,533	5,534	12.95	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	38	6,950	6,950	9.94	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	39	8,028	8,028	8.03	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	40	8,094	8,094	7.92	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	41	8,854	8,854	6.74	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	42	6,423	6,423	10.98	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	43	7,131	7,132	9.60	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	44	7,891	7,892	8.26	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	45	6,312	6,312	11.21	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	46	6,969	6,970	9.90	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	47	9,157	9,158	6.30	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	48	9,728	9,728	5.50	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	49	11,477	11,477	3.33	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	50	12,636	12,636	2.07	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	51	13,153	13,153	1.55	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	52	11,558	11,559	3.24	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	53	12,562	12,562	2.15	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	54	12,788	12,788	1.92	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	55	13,051	13,051	1.65	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	56	13,586	13,586	1.13	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	57	11,512	11,512	3.29	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	58	11,728	11,728	3.05	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	59	13,440	13,440	1.27	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	60	14,006	14,006	0.73	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
Sum		25.85											

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H470 H470

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,716	9,716	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	2	10,933	10,933	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	3	11,387	11,387	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	4	8,619	8,619	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	5	8,689	8,690	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	6	9,328	9,328	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	7	8,372	8,372	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	8	10,099	10,099	<b>5.01</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	9	9,104	9,104	<b>6.37</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	10	8,408	8,408	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	11	9,716	9,716	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	12	8,999	8,999	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	13	10,518	10,518	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	14	10,801	10,801	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	15	11,449	11,449	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	16	7,822	7,822	<b>8.38</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	17	8,277	8,277	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	18	8,873	8,873	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	19	8,698	8,698	<b>6.97</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	20	11,565	11,565	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	21	12,598	12,598	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	22	5,025	5,026	<b>14.21</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	23	5,437	5,437	<b>13.18</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	24	7,472	7,472	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	25	5,935	5,935	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	26	7,126	7,126	<b>9.61</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	27	7,228	7,229	<b>9.42</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	28	8,162	8,162	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	29	9,290	9,290	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	30	9,677	9,677	<b>5.57</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	31	10,054	10,054	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	32	10,480	10,480	<b>4.52</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	33	11,043	11,043	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	34	12,316	12,316	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	35	4,388	4,389	<b>15.98</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	36	4,903	4,903	<b>14.54</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	37	5,488	5,488	<b>13.06</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	38	6,904	6,905	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	39	7,983	7,983	<b>8.11</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	40	8,049	8,049	<b>8.00</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	41	8,809	8,809	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	42	6,379	6,379	<b>11.07</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	43	7,087	7,087	<b>9.68</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	44	7,847	7,847	<b>8.33</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	45	6,271	6,272	<b>11.30</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	46	6,929	6,929	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	47	9,115	9,115	<b>6.36</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	48	9,689	9,689	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	49	11,436	11,436	<b>3.38</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	50	12,594	12,594	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	51	13,112	13,112	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	52	11,519	11,519	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	53	12,524	12,524	<b>2.19</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	54	12,749	12,750	<b>1.96</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	55	13,011	13,011	<b>1.69</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	56	13,547	13,547	<b>1.17</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	57	11,478	11,479	<b>3.33</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	58	11,693	11,693	<b>3.09</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	59	13,404	13,404	<b>1.30</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	60	13,969	13,969	<b>0.77</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00

Sum 25.93

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H471 H471

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,637	9,637	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	2	10,860	10,860	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	3	11,307	11,307	<b>3.53</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	4	8,560	8,560	<b>7.19</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	5	8,625	8,625	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	6	9,262	9,262	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	7	8,304	8,304	<b>7.59</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	8	10,024	10,024	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	9	9,027	9,027	<b>6.48</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	10	8,329	8,329	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	11	9,631	9,631	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	12	8,910	8,910	<b>6.66</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	13	10,427	10,427	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	14	10,708	10,708	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	15	11,355	11,355	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	16	7,731	7,731	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	17	8,186	8,186	<b>7.78</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	18	8,780	8,780	<b>6.85</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	19	8,603	8,603	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	20	11,468	11,468	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	21	12,502	12,502	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	22	4,932	4,932	<b>14.46</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	23	5,342	5,343	<b>13.41</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	24	7,376	7,376	<b>9.15</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	25	5,840	5,840	<b>12.24</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	26	7,031	7,031	<b>9.78</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	27	7,131	7,131	<b>9.60</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	28	8,065	8,065	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	29	9,193	9,193	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	30	9,580	9,580	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	31	9,957	9,957	<b>5.19</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	32	10,383	10,383	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	33	10,946	10,946	<b>3.95</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	34	12,218	12,218	<b>2.51</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	35	4,292	4,292	<b>16.27</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
	36	4,805	4,806	<b>14.80</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	37	5,391	5,391	<b>13.29</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	38	6,809	6,809	<b>10.21</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	39	7,886	7,886	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	40	7,952	7,953	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	41	8,712	8,712	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	42	6,288	6,289	<b>11.26</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	43	6,994	6,994	<b>9.85</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	44	7,755	7,755	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	45	6,192	6,193	<b>11.46</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	46	6,851	6,851	<b>10.13</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	47	9,030	9,030	<b>6.48</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	48	9,612	9,612	<b>5.66</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	49	11,355	11,356	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	50	12,510	12,510	<b>2.20</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	51	13,031	13,031	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	52	11,443	11,444	<b>3.37</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	53	12,452	12,452	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	54	12,675	12,675	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	55	12,932	12,932	<b>1.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	56	13,473	13,473	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	57	11,417	11,417	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	58	11,627	11,627	<b>3.16</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	59	13,337	13,337	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	60	13,900	13,900	<b>0.83</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00

Sum 26.11

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H472 H472

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,639	9,639	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	2	10,871	10,871	<b>4.04</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	3	11,306	11,306	<b>3.53</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	4	8,595	8,595	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	5	8,653	8,653	<b>7.04</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	6	9,285	9,285	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	7	8,325	8,325	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	8	10,033	10,033	<b>5.09</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	9	9,032	9,032	<b>6.48</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	10	8,329	8,329	<b>7.55</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	11	9,617	9,617	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	12	8,885	8,885	<b>6.69</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	13	10,398	10,398	<b>4.62</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	14	10,669	10,669	<b>4.29</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	15	11,311	11,311	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	16	7,701	7,701	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	17	8,155	8,155	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	18	8,741	8,741	<b>6.91</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	19	8,554	8,555	<b>7.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	20	11,412	11,412	<b>3.40</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	21	12,442	12,442	<b>2.28</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	22	4,893	4,893	<b>14.56</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	23	5,299	5,299	<b>13.52</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
	24	7,321	7,321	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	25	5,793	5,793	<b>12.34</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	26	6,986	6,986	<b>9.87</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	27	7,069	7,069	<b>9.71</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	28	8,004	8,005	<b>8.07</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	29	9,132	9,132	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	30	9,509	9,509	<b>5.80</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	31	9,888	9,888	<b>5.28</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	32	10,314	10,315	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	33	10,883	10,883	<b>4.03</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	34	12,152	12,152	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	35	4,212	4,213	<b>16.51</b>	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	36	4,734	4,734	<b>15.00</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
	37	5,316	5,316	<b>13.48</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	38	6,723	6,724	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	39	7,812	7,813	<b>8.39</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	40	7,870	7,870	<b>8.29</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	41	8,634	8,634	<b>7.07</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	42	6,189	6,189	<b>11.47</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	43	6,899	6,899	<b>10.04</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	44	7,658	7,658	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	45	6,080	6,080	<b>11.71</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	46	6,738	6,738	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	47	8,922	8,923	<b>6.64</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	48	9,498	9,498	<b>5.81</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	49	11,244	11,244	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	50	12,401	12,401	<b>2.32</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	51	12,920	12,920	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	52	11,329	11,329	<b>3.50</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	53	12,336	12,336	<b>2.39</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	54	12,560	12,560	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	55	12,819	12,819	<b>1.89</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	56	13,358	13,358	<b>1.35</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	57	11,298	11,298	<b>3.54</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	58	11,509	11,509	<b>3.29</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	59	13,219	13,219	<b>1.48</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	60	13,783	13,783	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00

Sum 26.24

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
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 6/30/2016 1:36 PM/3.0.654

**DECIBEL - Detailed results**

**Calculation:** V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area: H473 H473**

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,584	9,584	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
2	10,818	10,818	<b>4.10</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
3	11,251	11,251	<b>3.59</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
4	8,547	8,547	<b>7.21</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
5	8,603	8,603	<b>7.12</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
6	9,234	9,235	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
7	8,274	8,274	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
8	9,979	9,979	<b>5.16</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
9	8,978	8,978	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
10	8,274	8,274	<b>7.63</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
11	9,561	9,561	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
12	8,829	8,829	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
13	10,342	10,342	<b>4.70</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
14	10,613	10,613	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
15	11,255	11,255	<b>3.59</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
16	7,644	7,645	<b>8.68</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
17	8,099	8,099	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
18	8,685	8,685	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
19	8,499	8,499	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
20	11,357	11,357	<b>3.47</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
21	12,388	12,388	<b>2.33</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
22	4,837	4,837	<b>14.71</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
23	5,243	5,243	<b>13.66</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
24	7,266	7,266	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
25	5,737	5,737	<b>12.47</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
26	6,930	6,930	<b>9.98</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
27	7,015	7,016	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
28	7,950	7,951	<b>8.16</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
29	9,078	9,078	<b>6.41</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
30	9,457	9,457	<b>5.87</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
31	9,836	9,836	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
32	10,262	10,262	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
33	10,829	10,829	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
34	12,099	12,099	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
35	4,163	4,163	<b>16.67</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
36	4,682	4,682	<b>15.14</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
37	5,265	5,265	<b>13.60</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
38	6,675	6,676	<b>10.47</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
39	7,761	7,761	<b>8.48</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
40	7,821	7,822	<b>8.38</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
41	8,584	8,584	<b>7.15</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
42	6,148	6,148	<b>11.56</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
43	6,855	6,855	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
44	7,615	7,615	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
45	6,050	6,050	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
46	6,708	6,709	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
47	8,887	8,887	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
48	9,470	9,470	<b>5.85</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
49	11,213	11,213	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
50	12,367	12,367	<b>2.35</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
51	12,888	12,888	<b>1.82</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
52	11,302	11,302	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
53	12,311	12,311	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
54	12,533	12,533	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
55	12,789	12,789	<b>1.92</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
56	13,332	13,332	<b>1.37</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
57	11,282	11,282	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
58	11,490	11,490	<b>3.32</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
59	13,199	13,199	<b>1.50</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
60	13,761	13,761	<b>0.96</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00

Sum 26.35



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H474 H474

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,565	9,565	<b>5.72</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	2	10,802	10,802	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	3	11,232	11,232	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	4	8,535	8,535	<b>7.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	5	8,589	8,590	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	6	9,220	9,220	<b>6.21</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	7	8,259	8,259	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	8	9,961	9,962	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	9	8,959	8,959	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	10	8,255	8,255	<b>7.66</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	11	9,539	9,539	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	12	8,805	8,805	<b>6.81</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	13	10,317	10,317	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	14	10,586	10,586	<b>4.39</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	15	11,228	11,228	<b>3.62</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	16	7,620	7,620	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	17	8,074	8,074	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	18	8,658	8,659	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	19	8,471	8,471	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	20	11,329	11,329	<b>3.50</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	21	12,359	12,359	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	22	4,811	4,811	<b>14.79</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	23	5,216	5,216	<b>13.73</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	24	7,238	7,238	<b>9.40</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	25	5,709	5,710	<b>12.54</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	26	6,903	6,903	<b>10.03</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	27	6,986	6,986	<b>9.87</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	28	7,921	7,922	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	29	9,049	9,049	<b>6.45</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	30	9,427	9,427	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	31	9,806	9,806	<b>5.39</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	32	10,232	10,232	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	33	10,800	10,800	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	34	12,069	12,069	<b>2.67</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	35	4,132	4,133	<b>16.76</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
	36	4,652	4,652	<b>15.22</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	37	5,234	5,235	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	38	6,645	6,645	<b>10.53</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	39	7,731	7,731	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	40	7,791	7,791	<b>8.43</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	41	8,553	8,553	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	42	6,117	6,117	<b>11.63</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	43	6,824	6,824	<b>10.18</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	44	7,584	7,585	<b>8.78</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	45	6,021	6,021	<b>11.83</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	46	6,680	6,680	<b>10.46</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	47	8,857	8,857	<b>6.73</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	48	9,442	9,442	<b>5.89</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	49	11,183	11,183	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	50	12,337	12,337	<b>2.39</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	51	12,859	12,859	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	52	11,273	11,273	<b>3.56</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	53	12,283	12,283	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	54	12,505	12,505	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	55	12,760	12,760	<b>1.95</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	56	13,304	13,304	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	57	11,257	11,257	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	58	11,464	11,464	<b>3.35</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	59	13,172	13,172	<b>1.53</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	60	13,735	13,735	<b>0.99</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00

Sum 26.40

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H475 H475

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,584	9,584	<b>5.70</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
2	10,830	10,830	<b>4.09</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
3	11,247	11,247	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
4	8,587	8,587	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
5	8,634	8,634	<b>7.07</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
6	9,261	9,261	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
7	8,297	8,297	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
8	9,987	9,987	<b>5.15</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
9	8,981	8,981	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
10	8,272	8,272	<b>7.64</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
11	9,543	9,543	<b>5.75</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
12	8,798	8,798	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
13	10,305	10,305	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
14	10,564	10,564	<b>4.42</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
15	11,201	11,201	<b>3.65</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
16	7,607	7,607	<b>8.74</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
17	8,061	8,061	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
18	8,636	8,636	<b>7.07</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
19	8,439	8,439	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
20	11,288	11,288	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
21	12,314	12,314	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
22	4,790	4,790	<b>14.84</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
23	5,190	5,190	<b>13.79</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
24	7,199	7,199	<b>9.47</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
25	5,679	5,680	<b>12.60</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
26	6,875	6,875	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
27	6,940	6,940	<b>9.96</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
28	7,876	7,876	<b>8.28</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
29	9,004	9,004	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
30	9,369	9,369	<b>5.99</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
31	9,752	9,752	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
32	10,178	10,179	<b>4.90</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
33	10,752	10,752	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
34	12,017	12,017	<b>2.73</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
35	4,067	4,068	<b>16.96</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
36	4,596	4,596	<b>15.38</b>	108.5	0.00	84.25	-	-	0.00	0.00	-	0.00
37	5,173	5,174	<b>13.83</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
38	6,572	6,572	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
39	7,671	7,672	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
40	7,721	7,722	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
41	8,489	8,489	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
42	6,027	6,027	<b>11.82</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
43	6,740	6,740	<b>10.34</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
44	7,498	7,498	<b>8.93</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
45	5,914	5,915	<b>12.07</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
46	6,573	6,573	<b>10.68</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
47	8,757	8,758	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
48	9,333	9,333	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
49	11,079	11,079	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
50	12,236	12,236	<b>2.49</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
51	12,754	12,755	<b>1.95</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
52	11,164	11,164	<b>3.69</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
53	12,172	12,172	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
54	12,395	12,396	<b>2.32</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
55	12,654	12,654	<b>2.05</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
56	13,194	13,194	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
57	11,141	11,141	<b>3.72</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
58	11,349	11,349	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
59	13,058	13,058	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
60	13,621	13,621	<b>1.09</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00

Sum 26.51

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H476 H476

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,483	9,483	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
2	10,736	10,736	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
3	11,146	11,146	<b>3.71</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
4	8,509	8,509	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
5	8,551	8,551	<b>7.20</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
6	9,175	9,175	<b>6.27</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
7	8,210	8,210	<b>7.74</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
8	9,891	9,891	<b>5.28</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
9	8,883	8,883	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
10	8,172	8,172	<b>7.80</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
11	9,435	9,435	<b>5.90</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
12	8,686	8,686	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
13	10,192	10,192	<b>4.89</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
14	10,448	10,448	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
15	11,083	11,083	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
16	7,493	7,494	<b>8.94</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
17	7,947	7,947	<b>8.17</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
18	8,520	8,520	<b>7.25</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
19	8,321	8,321	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
20	11,169	11,169	<b>3.69</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
21	12,195	12,195	<b>2.54</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
22	4,674	4,675	<b>15.16</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
23	5,073	5,073	<b>14.09</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
24	7,080	7,081	<b>9.69</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
25	5,562	5,562	<b>12.88</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
26	6,757	6,757	<b>10.31</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
27	6,820	6,821	<b>10.19</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	7,757	7,757	<b>8.49</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
29	8,884	8,885	<b>6.69</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
30	9,250	9,251	<b>6.16</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
31	9,633	9,633	<b>5.63</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
32	10,059	10,059	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
33	10,633	10,633	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
34	11,898	11,898	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
35	3,949	3,950	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
36	4,477	4,477	<b>15.72</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
37	5,055	5,055	<b>14.14</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
38	6,456	6,457	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
39	7,553	7,553	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
40	7,605	7,605	<b>8.75</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
41	8,371	8,371	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
42	5,920	5,920	<b>12.06</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
43	6,629	6,630	<b>10.56</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
44	7,389	7,389	<b>9.13</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
45	5,825	5,825	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
46	6,484	6,484	<b>10.85</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
47	8,659	8,659	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
48	9,247	9,247	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
49	10,986	10,986	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
50	12,139	12,139	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
51	12,662	12,662	<b>2.05</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
52	11,079	11,079	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
53	12,091	12,091	<b>2.65</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
54	12,312	12,312	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
55	12,564	12,564	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
56	13,110	13,111	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
57	11,075	11,075	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
58	11,278	11,278	<b>3.56</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
59	12,985	12,985	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
60	13,545	13,546	<b>1.17</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00

Sum 26.75



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H477 H477

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,446	9,446	<b>5.89</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	2	10,696	10,696	<b>4.25</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	3	11,110	11,110	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	4	8,462	8,462	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	5	8,505	8,506	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	6	9,130	9,130	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	7	8,166	8,166	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	8	9,851	9,851	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	9	8,845	8,845	<b>6.75</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	10	8,135	8,135	<b>7.86</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	11	9,404	9,404	<b>5.95</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	12	8,659	8,659	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	13	10,167	10,167	<b>4.92</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	14	10,427	10,427	<b>4.59</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	15	11,065	11,065	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	16	7,468	7,468	<b>8.99</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	17	7,922	7,922	<b>8.21</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	18	8,499	8,499	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	19	8,305	8,305	<b>7.58</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	20	11,157	11,157	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	21	12,185	12,185	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	22	4,652	4,653	<b>15.22</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	23	5,054	5,054	<b>14.14</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	24	7,067	7,067	<b>9.72</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	25	5,544	5,544	<b>12.92</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
	26	6,739	6,739	<b>10.35</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	27	6,811	6,811	<b>10.20</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	28	7,747	7,747	<b>8.50</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	29	8,875	8,875	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	30	9,247	9,247	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	31	9,627	9,628	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	32	10,054	10,054	<b>5.07</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	33	10,624	10,624	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	34	11,892	11,892	<b>2.87</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	35	3,950	3,951	<b>17.34</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	36	4,472	4,473	<b>15.74</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
	37	5,053	5,054	<b>14.14</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	38	6,461	6,462	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	39	7,550	7,551	<b>8.84</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	40	7,608	7,608	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	41	8,371	8,371	<b>7.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	42	5,936	5,937	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	43	6,642	6,642	<b>10.54</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	44	7,402	7,403	<b>9.10</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	45	5,854	5,854	<b>12.21</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	46	6,514	6,514	<b>10.79</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	47	8,683	8,683	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	48	9,278	9,278	<b>6.12</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	49	11,013	11,014	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	50	12,163	12,163	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	51	12,689	12,689	<b>2.02</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	52	11,110	11,111	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	53	12,125	12,125	<b>2.61</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	54	12,344	12,344	<b>2.38</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	55	12,593	12,593	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	56	13,143	13,143	<b>1.56</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	57	11,115	11,115	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	58	11,316	11,317	<b>3.51</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	59	13,022	13,022	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	60	13,582	13,582	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00

Sum 26.76

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H478 H478

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,570	9,570	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
2	10,823	10,823	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
3	11,231	11,231	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
4	8,596	8,596	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
5	8,638	8,638	<b>7.07</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
6	9,262	9,262	<b>6.15</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
7	8,297	8,297	<b>7.60</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
8	9,978	9,978	<b>5.17</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
9	8,970	8,970	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
10	8,258	8,258	<b>7.66</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
11	9,519	9,519	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
12	8,767	8,767	<b>6.87</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
13	10,272	10,272	<b>4.79</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
14	10,524	10,524	<b>4.47</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
15	11,158	11,158	<b>3.70</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
16	7,573	7,573	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
17	8,026	8,026	<b>8.03</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
18	8,597	8,597	<b>7.13</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
19	8,394	8,394	<b>7.44</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
20	11,237	11,237	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
21	12,262	12,262	<b>2.47</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
22	4,751	4,752	<b>14.95</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
23	5,148	5,149	<b>13.90</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
24	7,150	7,150	<b>9.56</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
25	5,635	5,636	<b>12.71</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
26	6,831	6,831	<b>10.17</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
27	6,886	6,886	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
28	7,823	7,823	<b>8.37</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
29	8,951	8,951	<b>6.60</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
30	9,310	9,310	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
31	9,694	9,694	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
32	10,121	10,121	<b>4.98</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
33	10,698	10,698	<b>4.25</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
34	11,960	11,960	<b>2.79</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
35	4,004	4,005	<b>17.17</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
36	4,537	4,538	<b>15.55</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
37	5,112	5,113	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
38	6,505	6,505	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
39	7,611	7,611	<b>8.74</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
40	7,656	7,656	<b>8.66</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
41	8,426	8,426	<b>7.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
42	5,953	5,953	<b>11.98</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
43	6,668	6,668	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
44	7,425	7,426	<b>9.06</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
45	5,835	5,836	<b>12.25</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
46	6,493	6,494	<b>10.84</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
47	8,680	8,680	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
48	9,254	9,254	<b>6.16</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
49	11,000	11,000	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
50	12,158	12,158	<b>2.58</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
51	12,676	12,676	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
52	11,085	11,085	<b>3.79</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
53	12,092	12,093	<b>2.65</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
54	12,316	12,316	<b>2.41</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
55	12,575	12,575	<b>2.14</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
56	13,114	13,114	<b>1.59</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
57	11,062	11,062	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
58	11,270	11,270	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
59	12,979	12,979	<b>1.72</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
60	13,542	13,542	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 26.62

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H479 H479

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,593	9,593	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	2	10,848	10,848	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	3	11,254	11,254	<b>3.59</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	4	8,624	8,624	<b>7.09</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	5	8,665	8,665	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	6	9,288	9,288	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	7	8,323	8,323	<b>7.56</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	8	10,002	10,002	<b>5.13</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	9	8,994	8,994	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	10	8,281	8,281	<b>7.62</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	11	9,540	9,540	<b>5.76</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	12	8,786	8,786	<b>6.84</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	13	10,289	10,289	<b>4.76</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	14	10,540	10,540	<b>4.45</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	15	11,172	11,172	<b>3.68</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	16	7,591	7,591	<b>8.77</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	17	8,044	8,044	<b>8.01</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	18	8,612	8,612	<b>7.10</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	19	8,407	8,407	<b>7.42</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	20	11,248	11,248	<b>3.59</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	21	12,272	12,272	<b>2.46</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	22	4,768	4,768	<b>14.90</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	23	5,163	5,164	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	24	7,162	7,162	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	25	5,649	5,650	<b>12.67</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	26	6,846	6,846	<b>10.14</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	27	6,896	6,896	<b>10.04</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	28	7,833	7,834	<b>8.36</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	29	8,961	8,961	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	30	9,316	9,316	<b>6.07</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	31	9,702	9,702	<b>5.54</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	32	10,129	10,129	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	33	10,707	10,707	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	34	11,968	11,968	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	35	4,009	4,010	<b>17.15</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
	36	4,545	4,545	<b>15.53</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	37	5,118	5,119	<b>13.97</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	38	6,507	6,508	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	39	7,617	7,618	<b>8.73</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	40	7,659	7,660	<b>8.65</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	41	8,431	8,431	<b>7.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	42	5,949	5,949	<b>11.99</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	43	6,666	6,666	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	44	7,423	7,423	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	45	5,824	5,824	<b>12.27</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	46	6,481	6,482	<b>10.86</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	47	8,672	8,672	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	48	9,241	9,241	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	49	10,989	10,989	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	50	12,149	12,149	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	51	12,665	12,665	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,072	11,072	<b>3.80</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	53	12,078	12,078	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	54	12,302	12,302	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	55	12,563	12,563	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	56	13,100	13,100	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	57	11,044	11,044	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	58	11,253	11,253	<b>3.59</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	59	12,962	12,963	<b>1.74</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	60	13,526	13,526	<b>1.19</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 26.61

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H480 H480

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,613	9,613	<b>5.66</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	2	10,869	10,870	<b>4.04</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	3	11,274	11,274	<b>3.56</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	4	8,647	8,647	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	5	8,688	8,688	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	6	9,311	9,311	<b>6.08</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	7	8,345	8,346	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	8	10,023	10,023	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	9	9,014	9,014	<b>6.50</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	10	8,301	8,301	<b>7.59</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	11	9,558	9,558	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	12	8,802	8,802	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	13	10,305	10,305	<b>4.74</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	14	10,553	10,553	<b>4.43</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	15	11,185	11,185	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	16	7,607	7,607	<b>8.74</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	17	8,059	8,059	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	18	8,626	8,626	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	19	8,419	8,419	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	20	11,258	11,258	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	21	12,281	12,281	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	22	4,782	4,783	<b>14.86</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	23	5,177	5,177	<b>13.82</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
	24	7,173	7,173	<b>9.52</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	25	5,662	5,662	<b>12.65</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	26	6,858	6,859	<b>10.11</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	27	6,905	6,905	<b>10.02</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	28	7,843	7,843	<b>8.34</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	29	8,970	8,970	<b>6.57</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	30	9,323	9,323	<b>6.06</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	31	9,709	9,709	<b>5.53</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	32	10,136	10,136	<b>4.96</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	33	10,716	10,716	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	34	11,976	11,976	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	35	4,014	4,015	<b>17.13</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	36	4,552	4,552	<b>15.51</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
	37	5,124	5,125	<b>13.96</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	38	6,510	6,511	<b>10.80</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	39	7,623	7,624	<b>8.71</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	40	7,663	7,663	<b>8.65</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	41	8,436	8,436	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	42	5,947	5,947	<b>12.00</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	43	6,665	6,666	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	44	7,422	7,422	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	45	5,815	5,816	<b>12.29</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	46	6,472	6,473	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	47	8,666	8,666	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	48	9,231	9,231	<b>6.19</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	49	10,981	10,981	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	50	12,143	12,143	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	51	12,657	12,657	<b>2.05</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,062	11,062	<b>3.81</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	53	12,067	12,067	<b>2.68</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	54	12,292	12,292	<b>2.43</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	55	12,554	12,555	<b>2.16</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	56	13,090	13,090	<b>1.61</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	57	11,029	11,029	<b>3.85</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	58	11,239	11,239	<b>3.60</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	59	12,949	12,950	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	60	13,513	13,513	<b>1.20</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 26.59

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H481 H481

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,633	9,633	<b>5.63</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	2	10,890	10,890	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	3	11,293	11,293	<b>3.54</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	4	8,670	8,670	<b>7.02</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	5	8,710	8,710	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	6	9,333	9,333	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	7	8,367	8,368	<b>7.49</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	8	10,044	10,044	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	9	9,034	9,034	<b>6.47</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	10	8,321	8,321	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	11	9,575	9,575	<b>5.71</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	12	8,818	8,818	<b>6.79</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	13	10,320	10,320	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	14	10,566	10,566	<b>4.41</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	15	11,197	11,197	<b>3.65</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	16	7,621	7,621	<b>8.72</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	17	8,074	8,074	<b>7.96</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	18	8,639	8,639	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	19	8,430	8,430	<b>7.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	20	11,267	11,267	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	21	12,290	12,290	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	22	4,796	4,796	<b>14.83</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	23	5,189	5,190	<b>13.79</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	24	7,183	7,183	<b>9.50</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	25	5,674	5,674	<b>12.62</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	26	6,870	6,871	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	27	6,913	6,914	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	28	7,851	7,851	<b>8.33</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	29	8,978	8,978	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	30	9,328	9,328	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	31	9,715	9,716	<b>5.52</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	32	10,143	10,143	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	33	10,724	10,724	<b>4.22</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	34	11,983	11,983	<b>2.77</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	35	4,019	4,019	<b>17.12</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
	36	4,558	4,559	<b>15.49</b>	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
	37	5,130	5,130	<b>13.94</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	38	6,512	6,513	<b>10.80</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	39	7,629	7,629	<b>8.71</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	40	7,666	7,666	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	41	8,440	8,440	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	42	5,943	5,944	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	43	6,664	6,664	<b>10.49</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	44	7,419	7,420	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	45	5,806	5,806	<b>12.31</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	46	6,463	6,463	<b>10.90</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	47	8,659	8,659	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	48	9,221	9,221	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	49	10,972	10,973	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	50	12,135	12,136	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	51	12,649	12,649	<b>2.06</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	52	11,051	11,051	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	53	12,055	12,055	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	54	12,280	12,281	<b>2.45</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	55	12,545	12,545	<b>2.17</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	56	13,078	13,078	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	57	11,013	11,014	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	58	11,225	11,225	<b>3.62</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	59	12,936	12,936	<b>1.77</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	60	13,500	13,500	<b>1.21</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00

Sum 26.58

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H482 H482

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,654	9,654	<b>5.60</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
2	10,913	10,913	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
3	11,313	11,313	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
4	8,696	8,696	<b>6.98</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
5	8,735	8,735	<b>6.92</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
6	9,357	9,357	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
7	8,392	8,392	<b>7.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
8	10,066	10,066	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
9	9,056	9,056	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
10	8,341	8,342	<b>7.53</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
11	9,594	9,594	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
12	8,834	8,834	<b>6.77</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
13	10,335	10,335	<b>4.70</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
14	10,579	10,579	<b>4.40</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
15	11,208	11,208	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
16	7,636	7,637	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
17	8,089	8,089	<b>7.93</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
18	8,652	8,652	<b>7.04</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
19	8,441	8,441	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
20	11,275	11,275	<b>3.56</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
21	12,297	12,297	<b>2.43</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
22	4,809	4,810	<b>14.79</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
23	5,202	5,202	<b>13.76</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
24	7,192	7,192	<b>9.49</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
25	5,685	5,685	<b>12.59</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
26	6,882	6,882	<b>10.07</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
27	6,920	6,921	<b>9.99</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
28	7,858	7,859	<b>8.31</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
29	8,985	8,986	<b>6.55</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
30	9,332	9,332	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
31	9,720	9,720	<b>5.51</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
32	10,147	10,147	<b>4.95</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
33	10,730	10,730	<b>4.21</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
34	11,988	11,988	<b>2.76</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
35	4,021	4,022	<b>17.11</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
36	4,563	4,564	<b>15.48</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
37	5,133	5,133	<b>13.94</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
38	6,512	6,512	<b>10.80</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
39	7,632	7,632	<b>8.70</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
40	7,666	7,666	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
41	8,441	8,442	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
42	5,937	5,937	<b>12.02</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
43	6,659	6,660	<b>10.50</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
44	7,414	7,415	<b>9.08</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
45	5,792	5,792	<b>12.35</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
46	6,448	6,449	<b>10.93</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
47	8,648	8,648	<b>7.05</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
48	9,206	9,206	<b>6.23</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
49	10,960	10,960	<b>3.93</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
50	12,124	12,124	<b>2.61</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
51	12,636	12,636	<b>2.07</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
52	11,035	11,036	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
53	12,038	12,038	<b>2.71</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
54	12,265	12,265	<b>2.46</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
55	12,531	12,531	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
56	13,062	13,062	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
57	10,993	10,993	<b>3.89</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
58	11,206	11,206	<b>3.64</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
59	12,917	12,917	<b>1.79</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
60	13,482	13,482	<b>1.23</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00

Sum 26.57

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H483 H483

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,698	9,698	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
2	10,959	10,959	<b>3.94</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
3	11,357	11,357	<b>3.47</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
4	8,746	8,746	<b>6.90</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
5	8,784	8,784	<b>6.84</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
6	9,405	9,406	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
7	8,439	8,440	<b>7.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
8	10,111	10,111	<b>4.99</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
9	9,101	9,101	<b>6.38</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
10	8,386	8,386	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
11	9,635	9,635	<b>5.63</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
12	8,872	8,872	<b>6.71</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
13	10,372	10,372	<b>4.66</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
14	10,613	10,613	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
15	11,240	11,240	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
16	7,673	7,673	<b>8.63</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
17	8,125	8,125	<b>7.87</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
18	8,686	8,686	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
19	8,471	8,472	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
20	11,302	11,302	<b>3.53</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
21	12,322	12,322	<b>2.40</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
22	4,845	4,845	<b>14.69</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
23	5,235	5,235	<b>13.68</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
24	7,220	7,220	<b>9.43</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
25	5,717	5,717	<b>12.52</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
26	6,914	6,914	<b>10.01</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
27	6,946	6,946	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
28	7,884	7,884	<b>8.27</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
29	9,011	9,011	<b>6.51</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
30	9,352	9,353	<b>6.02</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
31	9,742	9,742	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
32	10,169	10,169	<b>4.92</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
33	10,755	10,755	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
34	12,010	12,010	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
35	4,039	4,040	<b>17.05</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
36	4,585	4,586	<b>15.41</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
37	5,152	5,153	<b>13.89</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
38	6,525	6,525	<b>10.77</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
39	7,652	7,652	<b>8.67</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
40	7,681	7,681	<b>8.62</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
41	8,459	8,459	<b>7.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
42	5,940	5,941	<b>12.01</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
43	6,666	6,666	<b>10.49</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
44	7,420	7,420	<b>9.07</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
45	5,782	5,782	<b>12.37</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
46	6,438	6,438	<b>10.95</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
47	8,643	8,644	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
48	9,193	9,193	<b>6.24</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
49	10,951	10,951	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
50	12,118	12,119	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
51	12,627	12,627	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
52	11,022	11,022	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
53	12,022	12,022	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
54	12,250	12,250	<b>2.48</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
55	12,520	12,520	<b>2.19</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
56	13,047	13,047	<b>1.66</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
57	10,970	10,970	<b>3.92</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
58	11,185	11,185	<b>3.67</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
59	12,897	12,897	<b>1.81</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
60	13,463	13,463	<b>1.25</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00

Sum 26.52

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H484 H484

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,842	9,842	5.35	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	2	11,112	11,112	3.75	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	3	11,498	11,498	3.31	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	4	8,917	8,917	6.65	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	5	8,950	8,950	6.60	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	6	9,569	9,569	5.72	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	7	8,601	8,601	7.12	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	8	10,262	10,262	4.80	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	9	9,248	9,248	6.17	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	10	8,529	8,529	7.23	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	11	9,763	9,763	5.45	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	12	8,988	8,988	6.54	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	13	10,481	10,481	4.52	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	14	10,708	10,708	4.24	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	15	11,329	11,329	3.50	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	16	7,784	7,784	8.44	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	17	8,235	8,235	7.70	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	18	8,783	8,783	6.85	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	19	8,555	8,555	7.19	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	20	11,371	11,371	3.45	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	21	12,385	12,385	2.34	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	22	4,948	4,949	14.42	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	23	5,331	5,331	13.44	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	24	7,296	7,296	9.30	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	25	5,806	5,806	12.31	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	26	7,004	7,004	9.84	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	27	7,009	7,009	9.83	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	28	7,948	7,948	8.16	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	29	9,074	9,074	6.42	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	30	9,395	9,395	5.96	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	31	9,790	9,790	5.42	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	32	10,218	10,218	4.85	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	33	10,813	10,813	4.11	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	34	12,060	12,060	2.68	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	35	4,077	4,078	16.93	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
	36	4,637	4,637	15.27	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	37	5,194	5,194	13.78	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	38	6,542	6,542	10.74	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	39	7,692	7,693	8.60	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	40	7,703	7,704	8.58	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	41	8,489	8,490	7.29	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	42	5,920	5,920	12.06	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	43	6,658	6,658	10.51	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	44	7,406	7,406	9.10	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	45	5,714	5,715	12.52	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	46	6,367	6,367	11.10	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	47	8,594	8,594	7.13	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	48	9,116	9,116	6.36	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	49	10,885	10,886	4.02	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	50	12,064	12,064	2.68	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	51	12,562	12,562	2.15	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	52	10,941	10,942	3.96	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	53	11,932	11,933	2.82	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	54	12,166	12,166	2.57	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	55	12,449	12,449	2.27	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	56	12,962	12,962	1.74	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	57	10,855	10,855	4.06	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	58	11,078	11,078	3.79	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	59	12,795	12,795	1.91	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	60	13,364	13,364	1.34	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00

Sum 26.42



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H485 H485

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,842	9,842	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	2	11,109	11,109	<b>3.76</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	3	11,499	11,499	<b>3.31</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	4	8,905	8,905	<b>6.66</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	5	8,941	8,941	<b>6.61</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	6	9,561	9,561	<b>5.73</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	7	8,594	8,594	<b>7.13</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	8	10,259	10,259	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	9	9,247	9,247	<b>6.17</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	10	8,529	8,529	<b>7.23</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	11	9,768	9,768	<b>5.45</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	12	8,997	8,997	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	13	10,491	10,491	<b>4.51</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	14	10,722	10,722	<b>4.22</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	15	11,344	11,344	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	16	7,794	7,794	<b>8.42</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	17	8,245	8,245	<b>7.68</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	18	8,796	8,796	<b>6.83</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	19	8,571	8,571	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	20	11,390	11,390	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	21	12,406	12,406	<b>2.31</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	22	4,960	4,960	<b>14.39</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	23	5,344	5,345	<b>13.41</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	24	7,314	7,314	<b>9.26</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	25	5,821	5,821	<b>12.28</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	26	7,019	7,019	<b>9.81</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	27	7,029	7,029	<b>9.79</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	28	7,969	7,969	<b>8.13</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	29	9,095	9,095	<b>6.39</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	30	9,420	9,420	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	31	9,814	9,814	<b>5.38</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	32	10,241	10,241	<b>4.82</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	33	10,834	10,834	<b>4.09</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	34	12,083	12,083	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	35	4,102	4,103	<b>16.85</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	36	4,659	4,660	<b>15.20</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
	37	5,219	5,219	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	38	6,571	6,571	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	39	7,717	7,718	<b>8.55</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	40	7,731	7,732	<b>8.53</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	41	8,516	8,516	<b>7.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	42	5,954	5,954	<b>11.98</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	43	6,690	6,691	<b>10.44</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	44	7,439	7,440	<b>9.04</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	45	5,753	5,753	<b>12.43</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	46	6,406	6,406	<b>11.02</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	47	8,631	8,631	<b>7.08</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	48	9,155	9,155	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	49	10,924	10,924	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	50	12,102	12,102	<b>2.64</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	51	12,600	12,600	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	52	10,981	10,981	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	53	11,973	11,973	<b>2.78</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	54	12,206	12,206	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	55	12,488	12,488	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	56	13,002	13,002	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	57	10,896	10,896	<b>4.01</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	58	11,118	11,119	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	59	12,835	12,835	<b>1.87</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	60	13,404	13,404	<b>1.30</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00

Sum 26.38

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H486 H486

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,732	9,732	<b>5.49</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	2	10,990	10,991	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	3	11,392	11,392	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	4	8,770	8,770	<b>6.86</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	5	8,811	8,811	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	6	9,434	9,434	<b>5.90</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	7	8,468	8,468	<b>7.33</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	8	10,144	10,144	<b>4.95</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	9	9,134	9,134	<b>6.33</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	10	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	11	9,672	9,672	<b>5.58</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	12	8,911	8,911	<b>6.65</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	13	10,411	10,411	<b>4.61</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	14	10,654	10,654	<b>4.31</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	15	11,282	11,282	<b>3.56</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	16	7,713	7,713	<b>8.56</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	17	8,165	8,165	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	18	8,727	8,727	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	19	8,513	8,514	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	20	11,345	11,345	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	21	12,365	12,365	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	22	4,885	4,885	<b>14.59</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	23	5,276	5,276	<b>13.57</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	24	7,263	7,263	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	25	5,758	5,759	<b>12.42</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	26	6,955	6,956	<b>9.93</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	27	6,989	6,989	<b>9.86</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	28	7,927	7,927	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	29	9,054	9,054	<b>6.45</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	30	9,396	9,396	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	31	9,785	9,785	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	32	10,213	10,213	<b>4.86</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	33	10,798	10,798	<b>4.13</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	34	12,053	12,053	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	35	4,083	4,083	<b>16.92</b>	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
	36	4,628	4,629	<b>15.29</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	37	5,196	5,196	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	38	6,568	6,569	<b>10.68</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	39	7,695	7,695	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	40	7,724	7,725	<b>8.54</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	41	8,502	8,502	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	42	5,981	5,982	<b>11.92</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	43	6,708	6,708	<b>10.41</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	44	7,461	7,462	<b>9.00</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	45	5,818	5,818	<b>12.29</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	46	6,473	6,474	<b>10.88</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	47	8,682	8,682	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	48	9,228	9,228	<b>6.19</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	49	10,987	10,987	<b>3.90</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	50	12,156	12,157	<b>2.58</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	51	12,664	12,664	<b>2.04</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,056	11,057	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	53	12,055	12,055	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	54	12,284	12,284	<b>2.44</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	55	12,556	12,556	<b>2.16</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	56	13,081	13,081	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	57	10,998	10,998	<b>3.89</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	58	11,214	11,214	<b>3.63</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	59	12,928	12,928	<b>1.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	60	13,494	13,494	<b>1.22</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00

Sum 26.44

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H487 H487

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,692	9,692	<b>5.55</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
2	10,946	10,946	<b>3.95</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
3	11,353	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
4	8,718	8,718	<b>6.94</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
5	8,761	8,761	<b>6.88</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
6	9,385	9,385	<b>5.97</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
7	8,420	8,420	<b>7.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
8	10,101	10,101	<b>5.01</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
9	9,092	9,092	<b>6.39</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
10	8,380	8,380	<b>7.47</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
11	9,638	9,638	<b>5.62</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
12	8,882	8,882	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
13	10,385	10,385	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
14	10,632	10,632	<b>4.33</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
15	11,263	11,263	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
16	7,686	7,686	<b>8.61</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
17	8,139	8,139	<b>7.85</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
18	8,705	8,705	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
19	8,497	8,497	<b>7.28</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
20	11,334	11,334	<b>3.49</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
21	12,356	12,356	<b>2.37</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
22	4,862	4,862	<b>14.65</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
23	5,256	5,256	<b>13.63</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
24	7,249	7,250	<b>9.38</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
25	5,740	5,740	<b>12.46</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
26	6,937	6,937	<b>9.96</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
27	6,980	6,980	<b>9.88</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
28	7,918	7,918	<b>8.21</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
29	9,045	9,045	<b>6.46</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
30	9,394	9,394	<b>5.96</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
31	9,781	9,781	<b>5.43</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
32	10,208	10,209	<b>4.87</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
33	10,790	10,790	<b>4.14</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
34	12,049	12,049	<b>2.69</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
35	4,084	4,084	<b>16.91</b>	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
36	4,624	4,625	<b>15.30</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
37	5,195	5,195	<b>13.78</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
38	6,575	6,576	<b>10.67</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
39	7,694	7,694	<b>8.59</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
40	7,729	7,730	<b>8.53</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
41	8,504	8,504	<b>7.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
42	6,001	6,001	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
43	6,723	6,724	<b>10.38</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
44	7,478	7,479	<b>8.97</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
45	5,852	5,853	<b>12.21</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
46	6,508	6,509	<b>10.81</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
47	8,710	8,711	<b>6.96</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
48	9,265	9,265	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
49	11,020	11,021	<b>3.86</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
50	12,186	12,186	<b>2.55</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
51	12,697	12,697	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
52	11,094	11,094	<b>3.77</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
53	12,095	12,096	<b>2.64</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
54	12,323	12,323	<b>2.40</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
55	12,591	12,591	<b>2.12</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
56	13,120	13,120	<b>1.58</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
57	11,045	11,045	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
58	11,260	11,260	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
59	12,972	12,972	<b>1.73</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
60	13,537	13,538	<b>1.17</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 26.45

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H488 H488

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,601	9,601	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
2	10,851	10,851	<b>4.07</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
3	11,264	11,264	<b>3.58</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
4	8,615	8,615	<b>7.10</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
5	8,660	8,660	<b>7.03</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
6	9,285	9,286	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
7	8,321	8,321	<b>7.56</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
8	10,007	10,007	<b>5.13</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
9	9,000	9,000	<b>6.52</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
10	8,289	8,289	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
11	9,555	9,555	<b>5.74</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
12	8,806	8,806	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
13	10,311	10,311	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
14	10,566	10,566	<b>4.41</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
15	11,201	11,201	<b>3.65</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
16	7,613	7,613	<b>8.73</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
17	8,066	8,066	<b>7.97</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
18	8,638	8,638	<b>7.06</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
19	8,437	8,438	<b>7.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
20	11,282	11,282	<b>3.55</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
21	12,307	12,307	<b>2.42</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
22	4,793	4,793	<b>14.83</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
23	5,191	5,191	<b>13.79</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
24	7,195	7,195	<b>9.48</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
25	5,678	5,679	<b>12.61</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
26	6,874	6,874	<b>10.08</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
27	6,932	6,932	<b>9.97</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
28	7,869	7,869	<b>8.30</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
29	8,996	8,996	<b>6.53</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
30	9,357	9,357	<b>6.01</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
31	9,741	9,741	<b>5.48</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
32	10,168	10,168	<b>4.92</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
33	10,744	10,744	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
34	12,007	12,007	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
35	4,052	4,052	<b>17.01</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
36	4,584	4,585	<b>15.42</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
37	5,160	5,160	<b>13.87</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
38	6,553	6,553	<b>10.71</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
39	7,658	7,659	<b>8.65</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
40	7,704	7,704	<b>8.58</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
41	8,474	8,474	<b>7.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
42	6,000	6,001	<b>11.88</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
43	6,716	6,716	<b>10.39</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
44	7,473	7,473	<b>8.98</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
45	5,879	5,880	<b>12.15</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
46	6,537	6,537	<b>10.75</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
47	8,726	8,726	<b>6.93</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
48	9,297	9,297	<b>6.10</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
49	11,044	11,044	<b>3.83</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
50	12,203	12,204	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
51	12,720	12,720	<b>1.99</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
52	11,127	11,128	<b>3.74</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
53	12,134	12,134	<b>2.60</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
54	12,358	12,358	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
55	12,618	12,619	<b>2.09</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
56	13,156	13,156	<b>1.55</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
57	11,099	11,099	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
58	11,309	11,309	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
59	13,018	13,018	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
60	13,582	13,582	<b>1.13</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00

Sum 26.53

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H489 H489

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,896	9,896	<b>5.27</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	2	11,123	11,123	<b>3.74</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	3	11,565	11,565	<b>3.23</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	4	8,826	8,826	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	5	8,891	8,891	<b>6.68</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	6	9,528	9,528	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	7	8,569	8,569	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	8	10,286	10,286	<b>4.77</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	9	9,288	9,288	<b>6.11</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	10	8,587	8,587	<b>7.14</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	11	9,880	9,880	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	12	9,149	9,149	<b>6.31</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	13	10,662	10,662	<b>4.30</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	14	10,931	10,931	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	15	11,571	11,571	<b>3.22</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	16	7,964	7,964	<b>8.14</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	17	8,419	8,419	<b>7.40</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	18	9,003	9,003	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	19	8,813	8,813	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	20	11,665	11,665	<b>3.12</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	21	12,693	12,693	<b>2.01</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	22	5,155	5,155	<b>13.88</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	23	5,559	5,560	<b>12.89</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	24	7,576	7,576	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	25	6,052	6,052	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	26	7,246	7,246	<b>9.39</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	27	7,319	7,319	<b>9.25</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	28	8,255	8,255	<b>7.66</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	29	9,382	9,383	<b>5.98</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	30	9,748	9,748	<b>5.47</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	31	10,131	10,131	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	32	10,558	10,558	<b>4.42</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	33	11,132	11,132	<b>3.73</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	34	12,397	12,397	<b>2.32</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	35	4,444	4,445	<b>15.82</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	36	4,975	4,975	<b>14.35</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	37	5,552	5,552	<b>12.90</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	38	6,944	6,944	<b>9.95</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	39	8,050	8,050	<b>8.00</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	40	8,096	8,096	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	41	8,866	8,866	<b>6.72</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	42	6,377	6,377	<b>11.07</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	43	7,099	7,099	<b>9.66</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	44	7,854	7,854	<b>8.32</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	45	6,217	6,217	<b>11.41</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	46	6,871	6,872	<b>10.09</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	47	9,083	9,083	<b>6.40</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	48	9,624	9,624	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	49	11,387	11,387	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	50	12,557	12,557	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	51	13,063	13,063	<b>1.64</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	52	11,452	11,452	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	53	12,446	12,446	<b>2.27</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	54	12,678	12,678	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	55	12,954	12,954	<b>1.75</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	56	13,474	13,474	<b>1.24</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	57	11,370	11,370	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	58	11,594	11,594	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	59	13,310	13,311	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	60	13,879	13,879	<b>0.85</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00

Sum 25.78

### DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H490 H490

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	9,947	9,947	5.21	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00	
2	11,170	11,170	3.69	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00	
3	11,616	11,616	3.17	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00	
4	8,865	8,865	6.72	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00	
5	8,934	8,934	6.62	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00	
6	9,571	9,571	5.71	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00	
7	8,614	8,614	7.10	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00	
8	10,335	10,335	4.70	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00	
9	9,337	9,338	6.04	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00	
10	8,638	8,638	7.07	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00	
11	9,934	9,934	5.22	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00	
12	9,206	9,206	6.23	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00	
13	10,720	10,720	4.22	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00	
14	10,990	10,990	3.90	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00	
15	11,632	11,632	3.16	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00	
16	8,022	8,023	8.04	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00	
17	8,477	8,477	7.31	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00	
18	9,062	9,062	6.43	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00	
19	8,873	8,874	6.71	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00	
20	11,727	11,727	3.05	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00	
21	12,755	12,755	1.95	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00	
22	5,215	5,215	13.73	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00	
23	5,619	5,620	12.75	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00	
24	7,637	7,637	8.69	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00	
25	6,112	6,112	11.64	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00	
26	7,306	7,306	9.28	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00	
27	7,380	7,380	9.14	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00	
28	8,316	8,317	7.57	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00	
29	9,444	9,444	5.89	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00	
30	9,810	9,810	5.39	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00	
31	10,193	10,193	4.89	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00	
32	10,620	10,620	4.35	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00	
33	11,193	11,193	3.66	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00	
34	12,458	12,458	2.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00	
35	4,505	4,506	15.64	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00	
36	5,037	5,037	14.18	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00	
37	5,613	5,614	12.76	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00	
38	7,005	7,005	9.83	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00	
39	8,112	8,112	7.89	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00	
40	8,157	8,157	7.82	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00	
41	8,927	8,927	6.63	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00	
42	6,434	6,435	10.96	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00	
43	7,158	7,158	9.55	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00	
44	7,912	7,913	8.22	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00	
45	6,267	6,268	11.30	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00	
46	6,921	6,921	9.99	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00	
47	9,136	9,136	6.33	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00	
48	9,672	9,673	5.58	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00	
49	11,438	11,438	3.38	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00	
50	12,610	12,610	2.10	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00	
51	13,114	13,114	1.59	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00	
52	11,499	11,499	3.31	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00	
53	12,491	12,492	2.22	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00	
54	12,724	12,725	1.98	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00	
55	13,004	13,004	1.70	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00	
56	13,520	13,520	1.19	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00	
57	11,408	11,409	3.41	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00	
58	11,634	11,635	3.15	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00	
59	13,352	13,352	1.35	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00	
60	13,922	13,922	0.81	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00	

Sum 25.67

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H491 H491

WTG	No.	Distance [m]	Sound distance [m]	95% rated power										
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
	1	9,878	9,878	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00	
	2	11,111	11,111	<b>3.75</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00	
	3	11,545	11,545	<b>3.25</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00	
	4	8,829	8,830	<b>6.78</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00	
	5	8,890	8,890	<b>6.69</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00	
	6	9,524	9,524	<b>5.78</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00	
	7	8,564	8,564	<b>7.18</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00	
	8	10,272	10,272	<b>4.78</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00	
	9	9,271	9,271	<b>6.13</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00	
	10	8,567	8,567	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00	
	11	9,852	9,852	<b>5.33</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00	
	12	9,114	9,114	<b>6.36</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00	
	13	10,625	10,625	<b>4.34</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00	
	14	10,887	10,887	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00	
	15	11,525	11,525	<b>3.28</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00	
	16	7,926	7,927	<b>8.20</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00	
	17	8,380	8,380	<b>7.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00	
	18	8,959	8,959	<b>6.58</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00	
	19	8,764	8,764	<b>6.87</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00	
	20	11,612	11,612	<b>3.18</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00	
	21	12,638	12,638	<b>2.07</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00	
	22	5,112	5,113	<b>13.99</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00	
	23	5,514	5,514	<b>12.99</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00	
	24	7,524	7,524	<b>8.89</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00	
	25	6,004	6,004	<b>11.87</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00	
	26	7,199	7,199	<b>9.47</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00	
	27	7,262	7,263	<b>9.36</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00	
	28	8,199	8,199	<b>7.75</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00	
	29	9,327	9,327	<b>6.05</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00	
	30	9,686	9,686	<b>5.56</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00	
	31	10,071	10,071	<b>5.04</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00	
	32	10,498	10,498	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00	
	33	11,075	11,075	<b>3.80</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00	
	34	12,337	12,337	<b>2.39</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00	
	35	4,379	4,380	<b>16.01</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00	
	36	4,914	4,915	<b>14.51</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00	
	37	5,489	5,489	<b>13.06</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00	
	38	6,875	6,876	<b>10.08</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00	
	39	7,987	7,988	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00	
	40	8,028	8,029	<b>8.03</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00	
	41	8,801	8,801	<b>6.82</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00	
	42	6,302	6,302	<b>11.23</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00	
	43	7,025	7,026	<b>9.79</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00	
	44	7,780	7,780	<b>8.45</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00	
	45	6,137	6,137	<b>11.58</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00	
	46	6,791	6,792	<b>10.24</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00	
	47	9,004	9,004	<b>6.52</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00	
	48	9,544	9,544	<b>5.75</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00	
	49	11,307	11,307	<b>3.53</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00	
	50	12,478	12,478	<b>2.24</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00	
	51	12,983	12,983	<b>1.72</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00	
	52	11,371	11,371	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00	
	53	12,366	12,366	<b>2.36</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00	
	54	12,597	12,597	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00	
	55	12,874	12,874	<b>1.83</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00	
	56	13,393	13,393	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00	
	57	11,290	11,291	<b>3.54</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00	
	58	11,514	11,514	<b>3.29</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00	
	59	13,230	13,230	<b>1.47</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00	
	60	13,799	13,799	<b>0.93</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00	
	Sum	25.89												

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H492 H492

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,896	10,896	<b>4.01</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
2	12,043	12,043	<b>2.70</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
3	12,577	12,577	<b>2.13</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
4	9,569	9,569	<b>5.72</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
5	9,699	9,699	<b>5.54</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
6	10,363	10,364	<b>4.67</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
7	9,431	9,431	<b>5.91</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
8	11,234	11,234	<b>3.61</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
9	10,266	10,266	<b>4.79</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
10	9,599	9,599	<b>5.68</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
11	10,972	10,972	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
12	10,302	10,302	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
13	11,833	11,833	<b>2.93</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
14	12,147	12,147	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
15	12,807	12,807	<b>1.90</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
16	9,145	9,145	<b>6.31</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
17	9,601	9,601	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
18	10,221	10,221	<b>4.85</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
19	10,066	10,066	<b>5.05</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
20	12,944	12,944	<b>1.76</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
21	13,980	13,980	<b>0.76</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
22	6,379	6,379	<b>11.07</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
23	6,799	6,799	<b>10.23</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
24	8,849	8,850	<b>6.75</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
25	7,303	7,303	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
26	8,490	8,490	<b>7.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
27	8,611	8,612	<b>7.11</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
28	9,544	9,545	<b>5.75</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
29	10,672	10,672	<b>4.28</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
30	11,058	11,058	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
31	11,437	11,437	<b>3.38</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
32	11,863	11,863	<b>2.90</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
33	12,426	12,426	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
34	13,699	13,699	<b>1.02</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
35	5,760	5,760	<b>12.42</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
36	6,284	6,284	<b>11.27</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
37	6,865	6,865	<b>10.10</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
38	8,261	8,261	<b>7.65</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
39	9,362	9,362	<b>6.00</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
40	9,413	9,413	<b>5.93</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
41	10,182	10,182	<b>4.90</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
42	7,666	7,667	<b>8.64</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
43	8,401	8,402	<b>7.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
44	9,152	9,152	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
45	7,415	7,415	<b>9.08</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
46	8,058	8,059	<b>7.98</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
47	10,321	10,321	<b>4.72</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
48	10,784	10,784	<b>4.15</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
49	12,583	12,583	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
50	13,782	13,782	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
51	14,258	14,258	<b>0.50</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
52	12,598	12,598	<b>2.11</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
53	13,557	13,557	<b>1.16</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
54	13,809	13,809	<b>0.92</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
55	14,130	14,130	<b>0.62</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
56	14,599	14,599	<b>0.19</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
57	12,366	12,366	<b>2.35</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
58	12,630	12,630	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
59	14,362	14,363	<b>0.40</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
60	14,946	14,946	<b>-0.11</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00

Sum 23.63



## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H493 H493

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,123	10,123	<b>4.98</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	2	11,393	11,393	<b>3.43</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	3	11,779	11,779	<b>2.99</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	4	9,187	9,187	<b>6.25</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	5	9,224	9,225	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	6	9,845	9,845	<b>5.34</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	7	8,878	8,879	<b>6.70</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	8	10,543	10,543	<b>4.44</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	9	9,530	9,530	<b>5.77</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	10	8,811	8,811	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	11	10,043	10,043	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	12	9,264	9,264	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	13	10,754	10,754	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	14	10,974	10,974	<b>3.92</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	15	11,590	11,590	<b>3.20</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	16	8,057	8,057	<b>7.98</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	17	8,507	8,507	<b>7.27</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	18	9,050	9,050	<b>6.45</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	19	8,814	8,814	<b>6.80</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	20	11,618	11,618	<b>3.17</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	21	12,627	12,627	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	22	5,219	5,220	<b>13.72</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	23	5,598	5,598	<b>12.80</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	24	7,549	7,549	<b>8.85</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	25	6,069	6,069	<b>11.73</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	26	7,267	7,267	<b>9.35</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	27	7,253	7,253	<b>9.37</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	28	8,193	8,193	<b>7.76</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	29	9,317	9,317	<b>6.07</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	30	9,620	9,620	<b>5.65</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	31	10,020	10,021	<b>5.11</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	32	10,449	10,449	<b>4.56</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	33	11,052	11,052	<b>3.83</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	34	12,292	12,292	<b>2.43</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	35	4,302	4,303	<b>16.24</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
	36	4,873	4,873	<b>14.62</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	37	5,421	5,422	<b>13.22</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	38	6,744	6,745	<b>10.33</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	39	7,917	7,917	<b>8.22</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	40	7,910	7,910	<b>8.23</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	41	8,704	8,705	<b>6.96</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	42	6,080	6,080	<b>11.70</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	43	6,832	6,832	<b>10.16</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	44	7,573	7,573	<b>8.80</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	45	5,809	5,810	<b>12.31</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	46	6,456	6,456	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	47	8,712	8,712	<b>6.95</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	48	9,191	9,191	<b>6.25</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	49	10,979	10,980	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	50	12,174	12,174	<b>2.56</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	51	12,655	12,655	<b>2.05</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,011	11,011	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	53	11,987	11,987	<b>2.76</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	54	12,229	12,229	<b>2.50</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	55	12,533	12,533	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	56	13,022	13,022	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	57	10,864	10,864	<b>4.05</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	58	11,102	11,102	<b>3.77</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	59	12,825	12,825	<b>1.88</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	60	13,400	13,400	<b>1.31</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00

Sum 25.97

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H494 H494

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,354	11,354	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	2	12,561	12,561	<b>2.15</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	3	13,026	13,026	<b>1.68</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	4	10,190	10,190	<b>4.89</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	5	10,285	10,285	<b>4.77</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	6	10,934	10,934	<b>3.97</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	7	9,985	9,985	<b>5.16</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	8	11,732	11,732	<b>3.04</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	9	10,741	10,741	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	10	10,046	10,046	<b>5.08</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	11	11,348	11,348	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	12	10,614	10,614	<b>4.36</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	13	12,122	12,122	<b>2.62</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	14	12,372	12,372	<b>2.35</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	15	13,000	13,000	<b>1.70</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	16	9,423	9,423	<b>5.92</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	17	9,877	9,877	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	18	10,445	10,445	<b>4.57</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	19	10,230	10,230	<b>4.84</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	20	13,048	13,048	<b>1.65</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	21	14,060	14,060	<b>0.68</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	22	6,602	6,602	<b>10.62</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	23	6,995	6,995	<b>9.85</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	24	8,973	8,973	<b>6.56</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	25	7,477	7,477	<b>8.97</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	26	8,674	8,674	<b>7.01</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	27	8,685	8,685	<b>6.99</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	28	9,624	9,625	<b>5.64</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	29	10,749	10,750	<b>4.19</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	30	11,052	11,052	<b>3.82</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	31	11,454	11,454	<b>3.36</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	32	11,882	11,882	<b>2.88</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	33	12,485	12,485	<b>2.23</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	34	13,725	13,725	<b>1.00</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	35	5,735	5,735	<b>12.48</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	36	6,307	6,307	<b>11.22</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	37	6,854	6,854	<b>10.12</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	38	8,158	8,158	<b>7.82</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	39	9,348	9,348	<b>6.02</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	40	9,328	9,328	<b>6.05</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	41	10,129	10,129	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	42	7,432	7,432	<b>9.05</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	43	8,206	8,206	<b>7.74</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	44	8,933	8,933	<b>6.62</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	45	7,016	7,016	<b>9.81</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	46	7,640	7,640	<b>8.69</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	47	9,961	9,961	<b>5.19</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	48	10,316	10,316	<b>4.73</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	49	12,153	12,153	<b>2.58</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	50	13,389	13,390	<b>1.32</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	51	13,822	13,822	<b>0.90</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	52	12,108	12,108	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	53	13,029	13,029	<b>1.67</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	54	13,301	13,301	<b>1.40</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	55	13,670	13,670	<b>1.05</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	56	14,082	14,082	<b>0.66</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	57	11,750	11,750	<b>3.02</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	58	12,041	12,041	<b>2.70</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	59	13,782	13,782	<b>0.94</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	60	14,375	14,375	<b>0.39</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 23.58

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H495 H495

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,465	11,465	<b>3.34</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
2	12,775	12,775	<b>1.93</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
3	13,102	13,102	<b>1.60</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
4	10,639	10,639	<b>4.32</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
5	10,660	10,661	<b>4.30</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
6	11,270	11,270	<b>3.57</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
7	10,298	10,299	<b>4.75</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
8	11,914	11,914	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
9	10,889	10,889	<b>4.02</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
10	10,154	10,154	<b>4.94</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
11	11,309	11,309	<b>3.52</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
12	10,469	10,469	<b>4.54</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
13	11,917	11,917	<b>2.84</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
14	12,058	12,058	<b>2.69</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
15	12,627	12,627	<b>2.08</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
16	9,239	9,240	<b>6.18</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
17	9,680	9,680	<b>5.57</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
18	10,153	10,153	<b>4.94</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
19	9,841	9,841	<b>5.35</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
20	12,531	12,531	<b>2.18</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
21	13,497	13,497	<b>1.21</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
22	6,398	6,398	<b>11.03</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
23	6,732	6,732	<b>10.36</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
24	8,541	8,541	<b>7.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
25	7,162	7,162	<b>9.54</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
26	8,347	8,347	<b>7.52</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
27	8,177	8,178	<b>7.79</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
28	9,110	9,111	<b>6.36</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
29	10,215	10,215	<b>4.86</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
30	10,385	10,385	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
31	10,817	10,817	<b>4.11</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
32	11,245	11,245	<b>3.60</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
33	11,904	11,904	<b>2.85</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
34	13,082	13,082	<b>1.62</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
35	5,162	5,163	<b>13.86</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
36	5,787	5,787	<b>12.36</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
37	6,261	6,261	<b>11.32</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
38	7,392	7,392	<b>9.12</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
39	8,693	8,694	<b>6.98</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
40	8,566	8,567	<b>7.17</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
41	9,405	9,405	<b>5.94</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
42	6,491	6,491	<b>10.84</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
43	7,304	7,304	<b>9.28</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
44	7,989	7,989	<b>8.10</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
45	5,865	5,865	<b>12.18</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
46	6,456	6,456	<b>10.91</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
47	8,825	8,825	<b>6.78</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
48	9,059	9,059	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
49	10,926	10,926	<b>3.98</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
50	12,198	12,198	<b>2.53</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
51	12,583	12,583	<b>2.13</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
52	10,823	10,823	<b>4.10</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
53	11,707	11,708	<b>3.07</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
54	11,996	11,996	<b>2.75</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
55	12,408	12,408	<b>2.31</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
56	12,768	12,768	<b>1.94</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
57	10,365	10,365	<b>4.67</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
58	10,675	10,675	<b>4.28</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
59	12,418	12,418	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
60	13,018	13,018	<b>1.68</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00

Sum 24.57

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H496 H496

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,560	11,560	<b>3.24</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
2	12,865	12,865	<b>1.84</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
3	13,199	13,199	<b>1.50</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
4	10,715	10,715	<b>4.23</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
5	10,742	10,742	<b>4.20</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
6	11,353	11,353	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
7	10,383	10,383	<b>4.64</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
8	12,006	12,006	<b>2.74</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
9	10,982	10,982	<b>3.91</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
10	10,248	10,248	<b>4.81</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
11	11,409	11,409	<b>3.41</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
12	10,573	10,573	<b>4.41</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
13	12,023	12,023	<b>2.72</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
14	12,167	12,167	<b>2.57</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
15	12,737	12,737	<b>1.97</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
16	9,344	9,345	<b>6.03</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
17	9,785	9,785	<b>5.42</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
18	10,261	10,261	<b>4.80</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
19	9,951	9,951	<b>5.20</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
20	12,644	12,644	<b>2.07</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
21	13,610	13,610	<b>1.11</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
22	6,502	6,502	<b>10.82</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
23	6,838	6,838	<b>10.15</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
24	8,652	8,652	<b>7.04</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
25	7,270	7,270	<b>9.34</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
26	8,456	8,456	<b>7.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
27	8,290	8,290	<b>7.61</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
28	9,223	9,223	<b>6.20</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
29	10,328	10,328	<b>4.71</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
30	10,499	10,499	<b>4.50</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
31	10,931	10,931	<b>3.97</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
32	11,358	11,358	<b>3.47</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
33	12,017	12,017	<b>2.73</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
34	13,196	13,196	<b>1.51</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
35	5,274	5,275	<b>13.58</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
36	5,899	5,899	<b>12.11</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
37	6,373	6,374	<b>11.08</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
38	7,506	7,506	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
39	8,807	8,807	<b>6.81</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
40	8,680	8,680	<b>7.00</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
41	9,519	9,519	<b>5.79</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
42	6,602	6,603	<b>10.62</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
43	7,416	7,416	<b>9.08</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
44	8,100	8,100	<b>7.91</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
45	5,969	5,969	<b>11.95</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
46	6,558	6,558	<b>10.71</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
47	8,928	8,928	<b>6.63</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
48	9,153	9,153	<b>6.30</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
49	11,023	11,023	<b>3.86</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
50	12,297	12,297	<b>2.43</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
51	12,678	12,678	<b>2.03</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
52	10,914	10,914	<b>3.99</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
53	11,793	11,794	<b>2.97</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
54	12,084	12,084	<b>2.66</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
55	12,501	12,501	<b>2.21</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
56	12,855	12,855	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
57	10,439	10,439	<b>4.57</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
58	10,753	10,753	<b>4.18</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
59	12,497	12,497	<b>2.22</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
60	13,098	13,098	<b>1.60</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00

Sum 24.38

## DECIBEL - Detailed results

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H497 H497

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,920	11,920	<b>2.84</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	2	13,297	13,297	<b>1.41</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	3	13,513	13,513	<b>1.20</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	4	11,354	11,354	<b>3.47</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	5	11,324	11,324	<b>3.51</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	6	11,897	11,897	<b>2.86</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	7	10,921	10,921	<b>3.98</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	8	12,419	12,419	<b>2.30</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	9	11,379	11,379	<b>3.44</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	10	10,622	10,622	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	11	11,643	11,643	<b>3.14</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	12	10,727	10,727	<b>4.22</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	13	12,105	12,105	<b>2.63</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	14	12,148	12,148	<b>2.59</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	15	12,657	12,657	<b>2.05</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	16	9,484	9,484	<b>5.83</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	17	9,905	9,905	<b>5.26</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	18	10,287	10,287	<b>4.77</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	19	9,893	9,893	<b>5.28</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	20	12,430	12,430	<b>2.29</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	21	13,343	13,343	<b>1.36</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	22	6,698	6,698	<b>10.43</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	23	6,969	6,970	<b>9.90</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	24	8,578	8,578	<b>7.16</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	25	7,340	7,340	<b>9.22</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	26	8,485	8,485	<b>7.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	27	8,152	8,152	<b>7.83</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	28	9,059	9,059	<b>6.44</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	29	10,126	10,126	<b>4.97</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	30	10,162	10,162	<b>4.93</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	31	10,619	10,619	<b>4.35</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	32	11,041	11,041	<b>3.84</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	33	11,747	11,747	<b>3.03</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	34	12,854	12,854	<b>1.85</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	35	5,183	5,183	<b>13.81</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	36	5,827	5,828	<b>12.27</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	37	6,209	6,209	<b>11.43</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	38	7,125	7,125	<b>9.61</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	39	8,512	8,512	<b>7.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	40	8,277	8,277	<b>7.63</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	41	9,139	9,139	<b>6.32</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	42	6,052	6,052	<b>11.77</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	43	6,888	6,888	<b>10.06</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	44	7,508	7,509	<b>8.92</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	45	5,174	5,174	<b>13.83</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
	46	5,704	5,704	<b>12.55</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	47	8,097	8,097	<b>7.92</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	48	8,166	8,166	<b>7.81</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	49	10,061	10,061	<b>5.06</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	50	11,372	11,372	<b>3.45</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	51	11,694	11,694	<b>3.09</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	52	9,879	9,879	<b>5.30</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	53	10,707	10,707	<b>4.24</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	54	11,018	11,018	<b>3.87</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	55	11,489	11,489	<b>3.32</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	56	11,774	11,774	<b>3.00</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	57	9,265	9,265	<b>6.14</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	58	9,606	9,606	<b>5.67</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	59	11,350	11,350	<b>3.48</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	60	11,959	11,959	<b>2.79</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00

Sum 24.92

Project:

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Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s

### Noise calculation model:

ISO 9613-2 General

### Wind speed:

95% rated power

### Ground attenuation:

General, fixed, Ground factor: 0.5

### Meteorological coefficient, CO:

0.0 dB

### Type of demand in calculation:

2: WTG plus ambient noise is compared to ambient noise plus margin (FR etc.)

### Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

### Pure tones:

Pure and Impulse tone penalty are added to WTG source noise

### Height above ground level, when no value in NSA object:

1.5 m Don't allow override of model height with height from NSA object

### Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0.0 dB(A)

### Octave data required

Air absorption

63	125	250	500	1,000	2,000	4,000	8,000
[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]
0.1	0.4	1.0	1.9	3.7	9.7	32.8	117.0

WTG: VESTAS V117-3.3 3300 117.0 !O!

Noise: Level 0 - Mode 0 - - 95% Rated Octave (10 m/s) - 10-2014

Source	Source/Date	Creator	Edited
Manufacturer	3/10/2016	USER	6/27/2016 11:38 AM

Based on Vestas Doc. No. DMS 0038-6455\_03

Status	Hub height [m]	Wind speed [m/s]	LwA,ref [dB(A)]	Pure tones	Octave data							
					63	125	250	500	1000	2000	4000	8000
From Windcat	80.0	95% rated power	108.5	No	87.7	95.7	100.1	102.3	103.9	100.7	94.8	80.6

NSA: H048-H048

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

NSA: H049-H049

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

NSA: H050-H050

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H051-H051

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H052-H052

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H053-H053

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H080-H080

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H081-H081

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H082-H082

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H083-H083

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H084-H084

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H085-H085

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H086-H086

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H087-H087

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H088-H088

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H090-H090

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H091-H091

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H092-H092

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H093-H093

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H094-H094

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H095-H095

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H096-H096

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H097-H097

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H112-H112

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H113-H113

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H114-H114

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H115-H115

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H116-H116

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H117-H117

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H118-H118

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H119-H119

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

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Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H147-H147

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H148-H148

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H149-H149

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H150-H150

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H151-H151

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H152-H152

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H153-H153

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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Calculated:  
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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H154-H154

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H155-H155

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H156-H156

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H157-H157

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H161-H161

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H163-H163

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H165-H165

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H166-H166

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H167-H167

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H168-H168

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H169-H169

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H170-H170

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H171-H171

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H172-H172

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H173-H173

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H174-H174

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H175-H175

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H198-H198

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H199-H199

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H200-H200

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H201-H201

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H202-H202

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H203-H203

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H204-H204

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H206-H206

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H207-H207

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H208-H208

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H209-H209

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H210-H210

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H211-H211

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H212-H212

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H213-H213

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H214-H214

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H215-H215

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H217-H217

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H220-H220

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H221-H221

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H222-H222

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H224-H224

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H225-H225

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H226-H226

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H227-H227

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H228-H228

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H230-H230

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H233-H233

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H248-H248

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H249-H249

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H250-H250

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H251-H251

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H252-H252

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H253-H253

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H254-H254

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H255-H255

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H257-H257

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H258-H258

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H259-H259

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H260-H260

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H261-H261

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H262-H262

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H278-H278

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H279-H279

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H280-H280

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H281-H281

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H282-H282

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H283-H283

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H284-H284

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H285-H285

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H286-H286

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H287-H287

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H288-H288

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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Calculated:  
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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H289-H289

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H292-H292

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H293-H293

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H294-H294

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H295-H295

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H296-H296

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H297-H297

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H299-H299

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H300-H300

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H301-H301

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H302-H302

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H303-H303

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H305-H305

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H307-H307

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H308-H308

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H309-H309

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H310-H310

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H311-H311

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H312-H312

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H313-H313

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H314-H314

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H315-H315

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H316-H316

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H317-H317

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H318-H318

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H319-H319

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H320-H320

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H321-H321

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H322-H322

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H323-H323

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H324-H324

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H325-H325

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H326-H326

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H327-H327

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H328-H328

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H330-H330

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H331-H331

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H334-H334

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H335-H335

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H336-H336

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H337-H337

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H338-H338

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H339-H339

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H340-H340

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H341-H341

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H342-H342

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H343-H343

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H345-H345

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H346-H346

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H347-H347

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H348-H348

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H349-H349

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H350-H350

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H351-H351

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H352-H352

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H353-H353

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H354-H354

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H355-H355

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H356-H356

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H357-H357

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H358-H358

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H359-H359

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H360-H360

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H361-H361

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H362-H362

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H363-H363

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H364-H364

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H365-H365

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H366-H366

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H367-H367

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H368-H368

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H369-H369

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H370-H370

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H371-H371

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H372-H372

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H373-H373

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H374-H374

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H375-H375

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H376-H376

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H377-H377

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H378-H378

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H379-H379

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H380-H380

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H381-H381

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H382-H382

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H383-H383

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H384-H384

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H385-H385

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H386-H386

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H387-H387

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H388-H388

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H389-H389

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H390-H390

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H391-H391

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H392-H392

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H393-H393

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H394-H394

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H395-H395

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H396-H396

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H397-H397

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H398-H398

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H399-H399

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H400-H400

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H401-H401

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H402-H402

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H403-H403

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H404-H404

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H405-H405

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H406-H406

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H407-H407

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H408-H408

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H409-H409

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H410-H410

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H411-H411

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H412-H412

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H413-H413

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H414-H414

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H415-H415

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H416-H416

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H417-H417

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H418-H418

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H419-H419

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H420-H420

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H421-H421

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H422-H422

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H423-H423

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H424-H424

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H425-H425

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H426-H426

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H427-H427

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H428-H428

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H429-H429

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H430-H430

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H431-H431

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H432-H432

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H433-H433

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H434-H434

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H435-H435

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H436-H436

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H437-H437

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H438-H438

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H439-H439

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H440-H440

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H441-H441

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H442-H442

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H443-H443

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H444-H444

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H445-H445

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H446-H446

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H447-H447

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H448-H448

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H449-H449

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H450-H450

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H451-H451

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H452-H452

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H453-H453

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H454-H454

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H455-H455

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H456-H456

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H457-H457

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H458-H458

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H459-H459

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H460-H460

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H461-H461

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H462-H462

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H463-H463

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H464-H464

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H465-H465

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H466-H466

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H467-H467

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H468-H468

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H469-H469

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H470-H470

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H471-H471

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H472-H472

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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Calculated:  
6/30/2016 1:36 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H473-H473

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H474-H474

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H475-H475

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H476-H476

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H477-H477

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H478-H478

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H479-H479

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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Calculated:  
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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H480-H480

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H481-H481

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H482-H482

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H483-H483

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H484-H484

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H485-H485

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H486-H486

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H487-H487

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H488-H488

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H489-H489

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H490-H490

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H491-H491

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H492-H492

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H493-H493

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V117 Day v24**Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H494-H494

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H495-H495

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H496-H496

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H497-H497

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

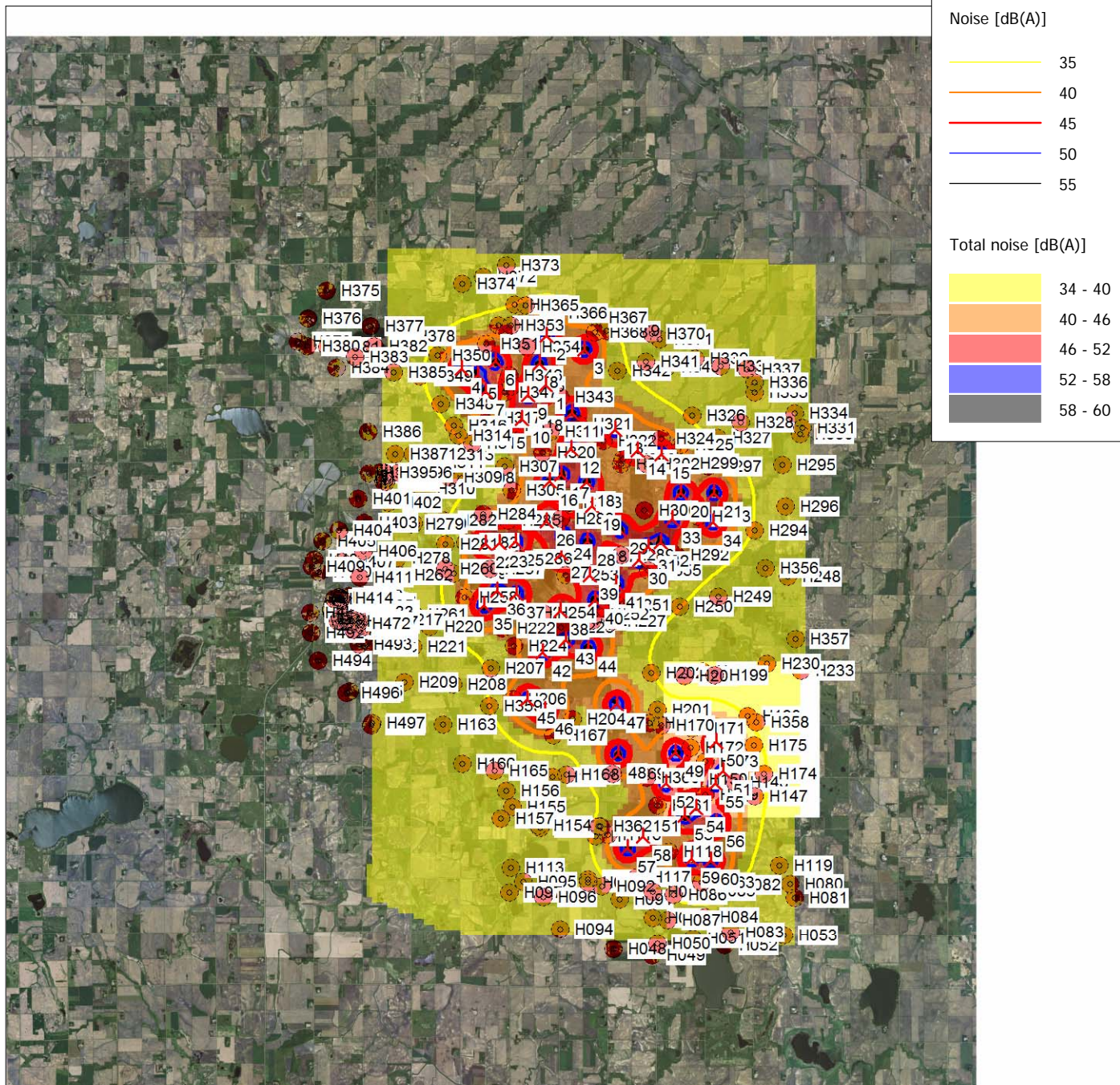
**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

### DECIBEL - Map 95% rated power

Calculation: V117 Day v24Noise calculation model: ISO 9613-2 General 8.0 m/s



0 2.5 5 7.5 10km

Map: US Naval Research Laboratory , Print scale 1:200,000, Map center UTM (north)-NAD83 (US+CA) Zone: 14 East: 725,557 North: 4,927,271

New WTG Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: 95% rated power

Total noise with ambient noise from: V:\EAPC WIND PROJECTS\20162030 - Westwood Red Pine\GIS\Shape Files\TestAmbient.shp

Height above sea level from active line object



## DECIBEL - Main Result

### Calculation: V126 Day v25

...continued from previous page

	Easting	Northing	Z	Row data/Description	WTG type			Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data		Wind speed [m/s]	LwA,ref [dB(A)]	Pure tones
					Valid	Manufact.	Type-generator				Creator	Name			
50	731,278	4,923,174	490.7	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
51	731,550	4,922,300	493.5	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
52	729,690	4,921,861	497.2	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
53	729,935	4,921,140	493.8	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
54	730,445	4,921,055	496.8	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
55	731,300	4,921,900	505.4	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
56	731,358	4,920,672	487.7	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
57	728,475	4,919,615	505.4	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
58	728,961	4,919,438	511.7	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
59	730,597	4,919,546	506.0	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	
60	731,219	4,919,512	504.8	VESTAS V126-3.3 3300 126....Yes	VESTAS	V126-3.3-3,300	3,300	126.0	87.0	USER	Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015	(95%)	108.5	No	

## Calculation Results

### Sound Level

Noise sensitive area				Demands				Sound Level				Demands fulfilled ?
No.	Name	Easting	Northing	Z	Imission height [m]	Ambient noise [dB(A)]	Additional exposure [dB(A)]	Ambient+WTGs [dB(A)]	From WTGs [dB(A)]	Ambient+WTGs [dB(A)]	Additional exposure [dB(A)]	Noise
H048	H048	728,115	4,916,639	516.0	1.5	40.0	20.0	60.0	26.6	40.2	0.2	Yes
H049	H049	729,402	4,916,508	512.1	1.5	40.0	20.0	60.0	27.1	40.2	0.2	Yes
H050	H050	729,569	4,916,874	509.0	1.5	40.0	20.0	60.0	28.4	40.3	0.3	Yes
H051	H051	730,735	4,917,064	503.4	1.5	40.0	20.0	60.0	29.1	40.3	0.3	Yes
H052	H052	731,794	4,916,898	502.9	1.5	40.0	20.0	60.0	27.5	40.2	0.2	Yes
H053	H053	733,740	4,917,275	503.6	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H080	H080	733,892	4,918,871	496.1	1.5	40.0	20.0	60.0	27.7	40.2	0.2	Yes
H081	H081	734,062	4,918,455	492.4	1.5	40.0	20.0	60.0	26.5	40.2	0.2	Yes
H082	H082	731,822	4,918,771	504.0	1.5	40.0	20.0	60.0	37.0	41.8	1.8	Yes
H083	H083	731,969	4,917,306	501.5	1.5	40.0	20.0	60.0	28.7	40.3	0.3	Yes
H084	H084	731,115	4,917,750	504.7	1.5	40.0	20.0	60.0	32.1	40.7	0.7	Yes
H085	H085	730,996	4,918,554	509.0	1.5	40.0	20.0	60.0	37.9	42.1	2.1	Yes
H086	H086	730,055	4,918,409	509.0	1.5	40.0	20.0	60.0	36.0	41.5	1.5	Yes
H087	H087	729,859	4,917,612	504.6	1.5	40.0	20.0	60.0	31.7	40.6	0.6	Yes
H088	H088	729,346	4,918,466	511.6	1.5	40.0	20.0	60.0	36.8	41.7	1.7	Yes
H090	H090	729,379	4,917,669	504.4	1.5	40.0	20.0	60.0	31.9	40.6	0.6	Yes
H091	H091	728,270	4,918,198	512.1	1.5	40.0	20.0	60.0	34.1	41.0	1.0	Yes
H092	H092	727,660	4,918,585	507.0	1.5	40.0	20.0	60.0	34.0	41.0	1.0	Yes
H093	H093	727,196	4,918,680	503.0	1.5	40.0	20.0	60.0	32.0	40.6	0.6	Yes
H094	H094	726,328	4,917,193	508.3	1.5	40.0	20.0	60.0	25.2	40.1	0.1	Yes
H095	H095	725,053	4,918,637	503.7	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H096	H096	725,749	4,918,172	506.0	1.5	40.0	20.0	60.0	25.7	40.2	0.2	Yes
H097	H097	724,605	4,918,290	505.3	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H112	H112	725,564	4,920,316	506.0	1.5	40.0	20.0	60.0	27.8	40.3	0.3	Yes
H113	H113	724,645	4,919,053	515.1	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H114	H114	727,408	4,920,113	496.8	1.5	40.0	20.0	60.0	35.0	41.2	1.2	Yes
H115	H115	727,195	4,918,789	503.5	1.5	40.0	20.0	60.0	32.3	40.7	0.7	Yes
H116	H116	727,808	4,920,191	496.8	1.5	40.0	20.0	60.0	37.7	42.0	2.0	Yes
H117	H117	728,824	4,918,918	512.1	1.5	40.0	20.0	60.0	42.7	44.6	4.6	Yes
H118	H118	729,840	4,919,722	506.7	1.5	40.0	20.0	60.0	41.3	43.7	3.7	Yes
H119	H119	733,501	4,919,439	490.7	1.5	40.0	20.0	60.0	29.9	40.4	0.4	Yes
H147	H147	732,601	4,921,545	496.8	1.5	40.0	20.0	60.0	36.7	41.7	1.7	Yes
H148	H148	731,968	4,921,946	509.0	1.5	40.0	20.0	60.0	43.6	45.2	5.2	Yes
H149	H149	730,978	4,921,525	490.1	1.5	40.0	20.0	60.0	45.1	46.3	6.3	Yes
H150	H150	730,614	4,921,987	493.8	1.5	40.0	20.0	60.0	43.5	45.1	5.1	Yes
H151	H151	728,411	4,920,456	492.6	1.5	40.0	20.0	60.0	39.1	42.6	2.6	Yes
H152	H152	727,560	4,920,426	493.8	1.5	40.0	20.0	60.0	35.0	41.2	1.2	Yes
H153	H153	725,920	4,921,900	505.9	1.5	40.0	20.0	60.0	30.9	40.5	0.5	Yes
H154	H154	725,506	4,920,392	506.0	1.5	40.0	20.0	60.0	27.8	40.3	0.3	Yes
H155	H155	724,610	4,920,935	509.0	1.5	40.0	20.0	60.0	27.1	40.2	0.2	Yes
H156	H156	724,389	4,921,420	506.7	1.5	40.0	20.0	60.0	27.8	40.3	0.3	Yes
H157	H157	724,262	4,920,563	509.0	1.5	40.0	20.0	60.0	26.0	40.2	0.2	Yes
H161	H161	719,874	4,923,300	527.8	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V126 Day v25

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H163	H163	722,237	4,923,405	515.1	1.5	40.0	20.0	60.0	27.4	40.2	0.2	Yes
H165	H165	724,007	4,922,031	510.8	1.5	40.0	20.0	60.0	28.8	40.3	0.3	Yes
H166	H166	722,929	4,922,208	512.0	1.5	40.0	20.0	60.0	26.9	40.2	0.2	Yes
H167	H167	725,905	4,923,197	505.5	1.5	40.0	20.0	60.0	38.0	42.1	2.1	Yes
H168	H168	726,376	4,921,996	503.0	1.5	40.0	20.0	60.0	31.4	40.6	0.6	Yes
H169	H169	727,888	4,922,075	487.7	1.5	40.0	20.0	60.0	34.1	41.0	1.0	Yes
H170	H170	729,447	4,923,620	485.4	1.5	40.0	20.0	60.0	37.8	42.1	2.1	Yes
H171	H171	730,476	4,923,553	475.5	1.5	40.0	20.0	60.0	39.6	42.8	2.8	Yes
H172	H172	730,448	4,922,958	484.6	1.5	40.0	20.0	60.0	42.9	44.7	4.7	Yes
H173	H173	730,945	4,922,563	494.7	1.5	40.0	20.0	60.0	43.9	45.4	5.4	Yes
H174	H174	732,896	4,922,239	494.4	1.5	40.0	20.0	60.0	35.1	41.2	1.2	Yes
H175	H175	732,529	4,923,110	487.7	1.5	40.0	20.0	60.0	36.2	41.5	1.5	Yes
H198	H198	732,299	4,924,009	472.4	1.5	40.0	20.0	60.0	34.2	41.0	1.0	Yes
H199	H199	731,149	4,925,228	487.7	1.5	40.0	20.0	60.0	31.5	40.6	0.6	Yes
H200	H200	730,170	4,925,171	494.4	1.5	40.0	20.0	60.0	32.5	40.7	0.7	Yes
H201	H201	729,315	4,924,087	490.7	1.5	40.0	20.0	60.0	35.9	41.4	1.4	Yes
H202	H202	729,062	4,925,235	496.8	1.5	40.0	20.0	60.0	34.4	41.1	1.1	Yes
H203	H203	729,073	4,923,692	480.5	1.5	40.0	20.0	60.0	37.0	41.8	1.8	Yes
H204	H204	726,516	4,923,705	496.2	1.5	40.0	20.0	60.0	37.8	42.1	2.1	Yes
H206	H206	724,535	4,924,268	514.9	1.5	40.0	20.0	60.0	43.4	45.0	5.0	Yes
H207	H207	723,763	4,925,198	499.9	1.5	40.0	20.0	60.0	34.8	41.1	1.1	Yes
H208	H208	722,520	4,924,652	502.9	1.5	40.0	20.0	60.0	30.0	40.4	0.4	Yes
H209	H209	720,913	4,924,651	518.2	1.5	40.0	20.0	60.0	26.2	40.2	0.2	Yes
H210	H210	719,507	4,926,626	512.7	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H211	H211	719,523	4,926,471	514.2	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H212	H212	719,508	4,926,363	515.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H213	H213	719,505	4,926,222	515.9	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H214	H214	719,520	4,925,949	518.2	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H215	H215	719,559	4,925,707	521.2	1.5	40.0	20.0	60.0	24.4	40.1	0.1	Yes
H217	H217	720,364	4,926,560	506.4	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H220	H220	721,714	4,926,403	499.9	1.5	40.0	20.0	60.0	31.2	40.5	0.5	Yes
H221	H221	721,151	4,925,769	501.9	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H222	H222	724,090	4,926,435	502.9	1.5	40.0	20.0	60.0	39.0	42.5	2.5	Yes
H224	H224	724,495	4,925,892	497.6	1.5	40.0	20.0	60.0	38.3	42.2	2.2	Yes
H225	H225	727,070	4,926,781	494.1	1.5	40.0	20.0	60.0	43.6	45.1	5.1	Yes
H226	H226	726,032	4,926,532	502.6	1.5	40.0	20.0	60.0	46.1	47.0	7.0	Yes
H227	H227	727,725	4,926,770	490.7	1.5	40.0	20.0	60.0	40.7	43.4	3.4	Yes
H228	H228	730,741	4,925,336	490.7	1.5	40.0	20.0	60.0	31.7	40.6	0.6	Yes
H230	H230	732,867	4,925,647	469.4	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H233	H233	733,996	4,925,469	453.5	1.5	40.0	20.0	60.0	26.3	40.2	0.2	Yes
H248	H248	733,466	4,928,352	430.0	1.5	40.0	20.0	60.0	27.7	40.2	0.2	Yes
H249	H249	731,198	4,927,668	473.6	1.5	40.0	20.0	60.0	32.1	40.7	0.7	Yes
H250	H250	729,945	4,927,311	472.4	1.5	40.0	20.0	60.0	34.2	41.0	1.0	Yes
H251	H251	727,868	4,927,277	486.4	1.5	40.0	20.0	60.0	42.7	44.6	4.6	Yes
H252	H252	727,174	4,926,976	496.8	1.5	40.0	20.0	60.0	45.0	46.2	6.2	Yes
H253	H253	726,136	4,928,157	496.8	1.5	40.0	20.0	60.0	45.7	46.7	6.7	Yes
H254	H254	725,409	4,926,953	499.9	1.5	40.0	20.0	60.0	42.8	44.6	4.6	Yes
H255	H255	724,906	4,926,938	505.1	1.5	40.0	20.0	60.0	40.0	43.0	3.0	Yes
H257	H257	723,631	4,928,266	501.0	1.5	40.0	20.0	60.0	42.7	44.6	4.6	Yes
H258	H258	722,827	4,927,341	502.0	1.5	40.0	20.0	60.0	40.9	43.5	3.5	Yes
H259	H259	722,426	4,928,074	502.1	1.5	40.0	20.0	60.0	36.4	41.6	1.6	Yes
H260	H260	722,146	4,928,204	507.0	1.5	40.0	20.0	60.0	34.9	41.2	1.2	Yes
H261	H261	721,153	4,926,772	500.9	1.5	40.0	20.0	60.0	29.6	40.4	0.4	Yes
H262	H262	720,658	4,927,958	512.1	1.5	40.0	20.0	60.0	28.6	40.3	0.3	Yes
H278	H278	720,561	4,928,494	507.3	1.5	40.0	20.0	60.0	28.5	40.3	0.3	Yes
H279	H279	720,947	4,929,553	506.0	1.5	40.0	20.0	60.0	29.5	40.4	0.4	Yes
H280	H280	721,059	4,929,572	506.0	1.5	40.0	20.0	60.0	29.9	40.4	0.4	Yes
H281	H281	722,112	4,928,971	502.3	1.5	40.0	20.0	60.0	34.9	41.2	1.2	Yes

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V126 Day v25

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H282	H282	722,047	4,929,705	502.9	1.5	40.0	20.0	60.0	33.7	40.9	0.9	Yes
H283	H283	722,783	4,929,036	500.5	1.5	40.0	20.0	60.0	40.8	43.4	3.4	Yes
H284	H284	723,329	4,929,926	509.0	1.5	40.0	20.0	60.0	39.6	42.8	2.8	Yes
H285	H285	724,173	4,929,776	495.5	1.5	40.0	20.0	60.0	42.5	44.4	4.4	Yes
H286	H286	724,573	4,928,599	490.7	1.5	40.0	20.0	60.0	43.5	45.1	5.1	Yes
H287	H287	726,685	4,928,739	479.2	1.5	40.0	20.0	60.0	46.3	47.3	7.3	Yes
H288	H288	725,925	4,929,877	478.5	1.5	40.0	20.0	60.0	42.0	44.1	4.1	Yes
H289	H289	727,931	4,928,837	472.4	1.5	40.0	20.0	60.0	44.3	45.6	5.6	Yes
H292	H292	729,748	4,928,899	475.5	1.5	40.0	20.0	60.0	42.3	44.3	4.3	Yes
H293	H293	730,428	4,930,100	457.2	1.5	40.0	20.0	60.0	43.3	44.9	4.9	Yes
H294	H294	732,309	4,929,759	445.0	1.5	40.0	20.0	60.0	34.4	41.1	1.1	Yes
H295	H295	733,156	4,931,801	423.7	1.5	40.0	20.0	60.0	29.0	40.3	0.3	Yes
H296	H296	733,299	4,930,528	432.8	1.5	40.0	20.0	60.0	29.6	40.4	0.4	Yes
H297	H297	730,732	4,931,660	445.0	1.5	40.0	20.0	60.0	39.5	42.8	2.8	Yes
H299	H299	729,943	4,931,746	451.2	1.5	40.0	20.0	60.0	41.1	43.6	3.6	Yes
H300	H300	728,657	4,930,240	468.1	1.5	40.0	20.0	60.0	44.0	45.5	5.5	Yes
H301	H301	727,843	4,931,649	463.3	1.5	40.0	20.0	60.0	43.9	45.4	5.4	Yes
H302	H302	728,688	4,931,663	463.3	1.5	40.0	20.0	60.0	46.2	47.1	7.1	Yes
H303	H303	726,149	4,930,379	475.5	1.5	40.0	20.0	60.0	43.7	45.2	5.2	Yes
H305	H305	724,247	4,930,703	490.7	1.5	40.0	20.0	60.0	38.0	42.1	2.1	Yes
H307	H307	723,993	4,931,431	483.9	1.5	40.0	20.0	60.0	36.8	41.7	1.7	Yes
H308	H308	722,594	4,931,039	509.0	1.5	40.0	20.0	60.0	33.2	40.8	0.8	Yes
H309	H309	722,171	4,931,027	509.0	1.5	40.0	20.0	60.0	32.1	40.7	0.7	Yes
H310	H310	721,293	4,930,646	506.0	1.5	40.0	20.0	60.0	30.0	40.4	0.4	Yes
H311	H311	721,574	4,931,459	509.0	1.5	40.0	20.0	60.0	30.7	40.5	0.5	Yes
H312	H312	720,950	4,931,718	506.9	1.5	40.0	20.0	60.0	29.4	40.4	0.4	Yes
H313	H313	721,869	4,931,720	506.4	1.5	40.0	20.0	60.0	31.6	40.6	0.6	Yes
H314	H314	722,445	4,932,328	481.6	1.5	40.0	20.0	60.0	34.3	41.0	1.0	Yes
H315	H315	722,907	4,932,108	484.6	1.5	40.0	20.0	60.0	34.9	41.2	1.2	Yes
H316	H316	722,291	4,932,632	478.9	1.5	40.0	20.0	60.0	34.8	41.1	1.1	Yes
H317	H317	723,428	4,932,915	481.6	1.5	40.0	20.0	60.0	39.9	43.0	3.0	Yes
H318	H318	724,132	4,932,703	476.1	1.5	40.0	20.0	60.0	43.7	45.2	5.2	Yes
H319	H319	725,462	4,932,557	465.8	1.5	40.0	20.0	60.0	43.5	45.1	5.1	Yes
H320	H320	725,235	4,931,900	472.4	1.5	40.0	20.0	60.0	42.1	44.2	4.2	Yes
H321	H321	726,401	4,932,818	463.3	1.5	40.0	20.0	60.0	43.7	45.3	5.3	Yes
H322	H322	727,242	4,932,330	463.3	1.5	40.0	20.0	60.0	44.0	45.4	5.4	Yes
H323	H323	727,883	4,931,792	463.3	1.5	40.0	20.0	60.0	44.5	45.8	5.8	Yes
H324	H324	729,140	4,932,472	451.1	1.5	40.0	20.0	60.0	43.8	45.3	5.3	Yes
H325	H325	729,778	4,932,315	448.1	1.5	40.0	20.0	60.0	40.1	43.1	3.1	Yes
H326	H326	730,143	4,933,232	432.8	1.5	40.0	20.0	60.0	34.2	41.0	1.0	Yes
H327	H327	730,991	4,932,569	435.9	1.5	40.0	20.0	60.0	34.0	41.0	1.0	Yes
H328	H328	731,748	4,933,066	426.7	1.5	40.0	20.0	60.0	30.5	40.5	0.5	Yes
H330	H330	733,715	4,932,788	410.2	1.5	40.0	20.0	60.0	26.1	40.2	0.2	Yes
H331	H331	733,786	4,932,965	411.1	1.5	40.0	20.0	60.0	25.7	40.2	0.2	Yes
H334	H334	733,512	4,933,404	403.7	1.5	40.0	20.0	60.0	25.7	40.2	0.2	Yes
H335	H335	732,170	4,934,010	415.9	1.5	40.0	20.0	60.0	27.5	40.2	0.2	Yes
H336	H336	732,168	4,934,316	405.4	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H337	H337	731,900	4,934,701	410.7	1.5	40.0	20.0	60.0	26.8	40.2	0.2	Yes
H338	H338	731,026	4,934,775	415.1	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H339	H339	730,162	4,934,981	423.2	1.5	40.0	20.0	60.0	29.4	40.4	0.4	Yes
H340	H340	729,245	4,934,684	432.8	1.5	40.0	20.0	60.0	32.1	40.7	0.7	Yes
H341	H341	728,538	4,934,833	436.8	1.5	40.0	20.0	60.0	34.0	41.0	1.0	Yes
H342	H342	727,624	4,934,523	445.0	1.5	40.0	20.0	60.0	40.9	43.5	3.5	Yes
H343	H343	725,770	4,933,628	460.2	1.5	40.0	20.0	60.0	44.4	45.8	5.8	Yes
H345	H345	724,138	4,933,926	472.4	1.5	40.0	20.0	60.0	43.2	44.9	4.9	Yes
H346	H346	724,049	4,934,248	467.6	1.5	40.0	20.0	60.0	43.9	45.4	5.4	Yes
H347	H347	723,930	4,933,727	474.4	1.5	40.0	20.0	60.0	43.5	45.1	5.1	Yes
H348	H348	721,813	4,933,283	475.4	1.5	40.0	20.0	60.0	35.5	41.3	1.3	Yes

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## DECIBEL - Main Result

### Calculation: V126 Day v25

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H349	H349	721,098	4,934,128	483.7	1.5	40.0	20.0	60.0	33.5	40.9	0.9	Yes
H350	H350	721,670	4,934,790	486.9	1.5	40.0	20.0	60.0	37.8	42.0	2.0	Yes
H351	H351	723,260	4,935,189	469.4	1.5	40.0	20.0	60.0	42.6	44.5	4.5	Yes
H352	H352	723,642	4,935,778	463.3	1.5	40.0	20.0	60.0	37.2	41.8	1.8	Yes
H353	H353	724,065	4,935,805	460.2	1.5	40.0	20.0	60.0	36.8	41.7	1.7	Yes
H354	H354	724,602	4,935,135	463.3	1.5	40.0	20.0	60.0	41.5	43.8	3.8	Yes
H355	H355	728,849	4,928,393	463.3	1.5	40.0	20.0	60.0	42.4	44.4	4.4	Yes
H356	H356	732,723	4,928,604	421.9	1.5	40.0	20.0	60.0	30.1	40.4	0.4	Yes
H357	H357	733,778	4,926,437	445.0	1.5	40.0	20.0	60.0	26.2	40.2	0.2	Yes
H358	H358	732,570	4,923,836	473.6	1.5	40.0	20.0	60.0	33.6	40.9	0.9	Yes
H359	H359	723,754	4,924,013	502.9	1.5	40.0	20.0	60.0	34.3	41.0	1.0	Yes
H360	H360	729,031	4,921,984	502.9	1.5	40.0	20.0	60.0	41.0	43.6	3.6	Yes
H361	H361	729,422	4,921,135	499.9	1.5	40.0	20.0	60.0	43.9	45.4	5.4	Yes
H362	H362	727,502	4,920,433	493.5	1.5	40.0	20.0	60.0	34.6	41.1	1.1	Yes
H363	H363	730,944	4,918,814	507.9	1.5	40.0	20.0	60.0	40.6	43.3	3.3	Yes
H364	H364	724,155	4,936,433	454.2	1.5	40.0	20.0	60.0	33.3	40.8	0.8	Yes
H365	H365	724,528	4,936,423	453.1	1.5	40.0	20.0	60.0	33.3	40.8	0.8	Yes
H366	H366	725,463	4,936,235	451.1	1.5	40.0	20.0	60.0	33.9	41.0	1.0	Yes
H367	H367	726,789	4,936,117	441.7	1.5	40.0	20.0	60.0	34.0	41.0	1.0	Yes
H368	H368	726,834	4,935,674	444.5	1.5	40.0	20.0	60.0	36.8	41.7	1.7	Yes
H369	H369	727,227	4,935,749	439.0	1.5	40.0	20.0	60.0	35.7	41.4	1.4	Yes
H370	H370	728,722	4,935,700	431.2	1.5	40.0	20.0	60.0	31.1	40.5	0.5	Yes
H371	H371	728,990	4,935,533	424.0	1.5	40.0	20.0	60.0	30.8	40.5	0.5	Yes
H372	H372	723,087	4,937,254	432.0	1.5	40.0	20.0	60.0	29.4	40.4	0.4	Yes
H373	H373	723,847	4,937,637	429.2	1.5	40.0	20.0	60.0	28.5	40.3	0.3	Yes
H374	H374	722,400	4,937,023	442.0	1.5	40.0	20.0	60.0	29.5	40.4	0.4	Yes
H375	H375	717,939	4,936,666	490.7	1.5	40.0	20.0	60.0	21.2	40.1	0.1	Yes
H376	H376	717,348	4,935,787	503.0	1.5	40.0	20.0	60.0	20.8	40.1	0.1	Yes
H377	H377	719,427	4,935,624	483.7	1.5	40.0	20.0	60.0	25.5	40.1	0.1	Yes
H378	H378	720,478	4,935,343	481.6	1.5	40.0	20.0	60.0	29.2	40.4	0.4	Yes
H379	H379	717,052	4,935,051	491.3	1.5	40.0	20.0	60.0	20.7	40.1	0.1	Yes
H380	H380	717,361	4,934,918	490.5	1.5	40.0	20.0	60.0	21.3	40.1	0.1	Yes
H381	H381	718,033	4,934,915	496.8	1.5	40.0	20.0	60.0	22.6	40.1	0.1	Yes
H382	H382	719,570	4,934,987	483.6	1.5	40.0	20.0	60.0	26.5	40.2	0.2	Yes
H383	H383	718,939	4,934,649	490.7	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H384	H384	718,363	4,934,282	502.9	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H385	H385	720,227	4,934,216	473.0	1.5	40.0	20.0	60.0	29.1	40.3	0.3	Yes
H386	H386	719,469	4,932,351	512.1	1.5	40.0	20.0	60.0	26.1	40.2	0.2	Yes
H387	H387	720,374	4,931,680	509.0	1.5	40.0	20.0	60.0	28.0	40.3	0.3	Yes
H388	H388	719,527	4,931,060	499.9	1.5	40.0	20.0	60.0	25.9	40.2	0.2	Yes
H389	H389	719,883	4,931,108	502.1	1.5	40.0	20.0	60.0	26.7	40.2	0.2	Yes
H390	H390	720,045	4,931,077	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H391	H391	720,045	4,931,054	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H392	H392	720,043	4,931,025	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H393	H393	720,047	4,930,997	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H394	H394	720,058	4,930,934	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H395	H395	720,050	4,931,112	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H396	H396	720,520	4,931,120	505.7	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H397	H397	720,056	4,930,918	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H398	H398	720,056	4,930,883	502.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H399	H399	720,026	4,930,818	502.7	1.5	40.0	20.0	60.0	26.9	40.2	0.2	Yes
H400	H400	720,090	4,930,817	502.9	1.5	40.0	20.0	60.0	27.1	40.2	0.2	Yes
H401	H401	719,212	4,930,271	506.5	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H402	H402	720,196	4,930,196	501.5	1.5	40.0	20.0	60.0	27.3	40.2	0.2	Yes
H403	H403	719,426	4,929,541	503.7	1.5	40.0	20.0	60.0	25.6	40.2	0.2	Yes
H404	H404	718,603	4,929,272	509.0	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H405	H405	718,065	4,928,934	509.0	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes
H406	H406	719,426	4,928,658	502.9	1.5	40.0	20.0	60.0	25.5	40.2	0.2	Yes

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## DECIBEL - Main Result

### Calculation: V126 Day v25

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H407	H407	718,741	4,928,291	502.9	1.5	40.0	20.0	60.0	24.0	40.1	0.1	Yes
H408	H408	717,825	4,928,342	509.0	1.5	40.0	20.0	60.0	22.2	40.1	0.1	Yes
H409	H409	717,737	4,928,130	506.8	1.5	40.0	20.0	60.0	22.0	40.1	0.1	Yes
H410	H410	717,968	4,927,972	503.8	1.5	40.0	20.0	60.0	22.4	40.1	0.1	Yes
H411	H411	719,345	4,927,841	509.0	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H412	H412	718,640	4,927,210	509.3	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H413	H413	718,674	4,927,202	509.0	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H414	H414	718,719	4,927,194	508.7	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H415	H415	718,746	4,927,190	508.7	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H416	H416	718,650	4,927,138	511.6	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H417	H417	718,524	4,927,140	512.1	1.5	40.0	20.0	60.0	23.2	40.1	0.1	Yes
H418	H418	718,773	4,927,185	508.7	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H419	H419	718,717	4,927,134	511.1	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H420	H420	718,719	4,927,122	511.6	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H421	H421	718,649	4,927,122	512.1	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H422	H422	718,762	4,927,140	510.3	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H423	H423	718,760	4,927,123	511.0	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H424	H424	718,831	4,927,126	509.2	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H425	H425	718,888	4,927,123	508.3	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H426	H426	719,017	4,927,257	503.0	1.5	40.0	20.0	60.0	24.2	40.1	0.1	Yes
H427	H427	719,468	4,927,074	503.6	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H428	H428	719,572	4,926,856	509.8	1.5	40.0	20.0	60.0	25.2	40.1	0.1	Yes
H429	H429	719,530	4,926,789	512.6	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H430	H430	719,534	4,926,763	513.8	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H431	H431	719,490	4,926,738	512.8	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H432	H432	719,408	4,926,829	509.2	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H433	H433	719,403	4,926,777	510.2	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H434	H434	719,380	4,926,829	509.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H435	H435	719,399	4,926,968	506.0	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H436	H436	719,399	4,926,945	506.5	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H437	H437	719,377	4,927,021	505.1	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H438	H438	719,351	4,927,025	505.3	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H439	H439	719,328	4,927,030	505.5	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H440	H440	719,234	4,927,054	507.1	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H441	H441	719,169	4,927,074	507.9	1.5	40.0	20.0	60.0	24.4	40.1	0.1	Yes
H442	H442	719,070	4,927,094	507.7	1.5	40.0	20.0	60.0	24.2	40.1	0.1	Yes
H443	H443	718,996	4,927,108	507.2	1.5	40.0	20.0	60.0	24.1	40.1	0.1	Yes
H444	H444	718,923	4,927,121	507.5	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H445	H445	718,421	4,926,841	509.9	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes
H446	H446	718,434	4,926,862	510.7	1.5	40.0	20.0	60.0	22.9	40.1	0.1	Yes
H447	H447	718,493	4,926,914	513.8	1.5	40.0	20.0	60.0	23.0	40.1	0.1	Yes
H448	H448	718,492	4,926,941	513.8	1.5	40.0	20.0	60.0	23.0	40.1	0.1	Yes
H449	H449	718,495	4,926,956	513.7	1.5	40.0	20.0	60.0	23.0	40.1	0.1	Yes
H450	H450	718,491	4,927,025	513.3	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H451	H451	718,426	4,926,767	510.7	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes
H452	H452	717,742	4,926,689	510.1	1.5	40.0	20.0	60.0	21.6	40.1	0.1	Yes
H453	H453	718,452	4,926,708	511.8	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes
H454	H454	718,493	4,926,708	512.7	1.5	40.0	20.0	60.0	22.9	40.1	0.1	Yes
H455	H455	718,554	4,926,754	514.3	1.5	40.0	20.0	60.0	23.0	40.1	0.1	Yes
H456	H456	718,619	4,926,695	515.1	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H457	H457	718,680	4,926,647	515.1	1.5	40.0	20.0	60.0	23.2	40.1	0.1	Yes
H458	H458	718,731	4,926,613	515.1	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H459	H459	718,735	4,926,591	515.1	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H460	H460	718,736	4,926,532	514.5	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H461	H461	718,737	4,926,501	514.1	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H462	H462	718,738	4,926,469	513.6	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H463	H463	718,669	4,926,475	514.4	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H464	H464	718,782	4,926,469	513.4	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes

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## DECIBEL - Main Result

Calculation: V126 Day v25

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H465	H465	718,848	4,926,463	513.1	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H466	H466	718,896	4,926,471	513.0	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H467	H467	718,961	4,926,477	512.8	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H468	H468	719,015	4,926,468	512.4	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H469	H469	719,076	4,926,472	512.1	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H470	H470	719,121	4,926,477	512.1	1.5	40.0	20.0	60.0	24.0	40.1	0.1	Yes
H471	H471	719,215	4,926,502	512.1	1.5	40.0	20.0	60.0	24.2	40.1	0.1	Yes
H472	H472	719,307	4,926,427	515.1	1.5	40.0	20.0	60.0	24.4	40.1	0.1	Yes
H473	H473	719,352	4,926,461	514.2	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H474	H474	719,383	4,926,461	514.5	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H475	H475	719,464	4,926,375	515.1	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H476	H476	719,576	4,926,416	514.8	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H477	H477	719,566	4,926,470	514.3	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H478	H478	719,535	4,926,339	515.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H479	H479	719,536	4,926,309	515.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H480	H480	719,536	4,926,284	515.2	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H481	H481	719,537	4,926,259	515.4	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H482	H482	719,541	4,926,230	515.6	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H483	H483	719,534	4,926,180	516.1	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H484	H484	719,544	4,925,995	518.0	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H485	H485	719,511	4,926,019	517.8	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H486	H486	719,492	4,926,169	516.4	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H487	H487	719,477	4,926,230	516.0	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H488	H488	719,487	4,926,336	515.1	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H489	H489	719,102	4,926,261	515.7	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H490	H490	719,043	4,926,243	518.2	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H491	H491	719,175	4,926,227	515.1	1.5	40.0	20.0	60.0	24.0	40.1	0.1	Yes
H492	H492	717,799	4,926,069	512.1	1.5	40.0	20.0	60.0	21.4	40.1	0.1	Yes
H493	H493	719,379	4,925,767	520.5	1.5	40.0	20.0	60.0	24.1	40.1	0.1	Yes
H494	H494	718,045	4,925,241	521.2	1.5	40.0	20.0	60.0	21.4	40.1	0.1	Yes
H495	H495	719,130	4,924,317	521.2	1.5	40.0	20.0	60.0	22.5	40.1	0.1	Yes
H496	H496	719,026	4,924,271	523.4	1.5	40.0	20.0	60.0	22.3	40.1	0.1	Yes
H497	H497	719,904	4,923,356	529.0	1.5	40.0	20.0	60.0	22.9	40.1	0.1	Yes

## Distances (m)

NSA	WTG																					
	55	45	51	36	27	41	23	54	50	19	33	26	43	16	49	2	5	30	42	58	32	25
H048	6150	9400	6622	11488	12383	10834	14481	4993	7261	13871	12684	13037	9648	14626	6405	18586	18239	13042	11308	2924	12468	13120
H049	5716	9770	6177	12185	12797	11155	14420	4665	6925	14175	12769	13580	10192	15039	6303	19106	18629	13257	11546	2963	12593	13708
H050	5316	9461	5776	11952	12492	10833	14039	4272	6528	13847	12407	13304	9922	14732	5926	18819	18314	12915	11209	2635	12237	13443
H051	4869	9672	5299	12437	12702	10975	13787	4001	6134	13939	12306	13628	10289	14920	5788	19086	18458	12932	11267	2964	12176	13809
H052	5026	10279	5408	13216	13286	11519	13981	4370	6297	14426	12644	14291	11000	15477	6190	19689	18969	13364	11744	3805	12549	14501
H053	5229	11026	5481	14264	13934	12118	13869	5014	6392	14868	12826	15087	11940	16044	6722	20314	19411	13714	12208	5246	12799	15354
H080	3987	9922	4152	13332	12736	10910	12347	4080	5035	13552	11408	13969	10955	14785	5596	19066	18074	12363	10925	4964	11409	14271
H081	4416	10340	4593	13724	13168	11342	12792	4454	5479	13996	11857	14391	11355	15224	6011	19505	18520	12809	11366	5195	11858	14688
H082	3172	8687	3539	11846	11647	9849	12114	2667	4437	12694	10824	12739	9541	13801	4456	18048	17244	11595	10013	2938	10746	12987
H083	4642	10007	5012	13017	13001	11221	13586	4047	5909	14106	12283	14036	10772	15179	5863	19405	18653	13028	11423	3687	12197	14259
H084	4154	9210	4571	12127	12224	10468	13102	3372	5427	13398	11681	13212	9914	14424	5186	18624	17933	12357	10717	2737	11569	13417
H085	3360	8442	3787	11437	11448	9682	12296	2561	4629	12599	10869	12462	9190	13639	4377	17851	17137	11550	9917	2219	10757	12680
H086	3706	8169	4168	10952	11200	9483	12470	2674	4920	12461	10899	12121	8785	13422	4385	17580	16970	11476	9796	1502	10750	12304
H087	4524	8845	4984	11486	11880	10190	13279	3492	5740	13187	11681	12747	9384	14112	5179	18238	17678	12227	10533	2035	11523	12909
H088	3951	7873	4422	10491	10907	9233	12481	2813	5089	12243	10810	11756	8390	13142	4360	17254	16718	11307	9602	1046	10635	11914
H090	4647	8645	5115	11175	11676	10016	13268	3550	5824	13030	11608	12498	9120	13915	5148	18009	17497	12102	10394	1818	11432	12643
H091	4784	7880	5252	10158	10883	9300	12922	3591	5815	12336	11118	11601	8208	13128	4873	17140	16735	11487	9756	1420	10903	11711
H092	4923	7416	5379	9533	10388	8859	12686	3723	5844	11895	10803	11043	7652	12631	4765	16590	16245	11096	9359	1556	10565	11133
H093	5216	7292	5662	9250	10228	8748	12721	4025	6071	11777	10786	10824	7442	12464	4920	16373	16081	11021	9283	1921	10532	10894
H094	6847	8797	7304	10348	11645	10265	14402	5645	7764	13270	12422	12101	8775	13858	6640	17628	17469	12583	10851	3460	12151	12117
H095	7048	7574	7458	8643	10235	9031	13540	5909	7703	11952	11423	10525	7307	12395	6382	15997	15975	11401	9704	3989	11106	10492
H096	6687	7889	7120	9250	10662	9357	13684	5510	7456	12330	11631	11051	7761	12856	6209	16561	16456	11705	9984	3452	11337	11049
H097	7606	8030	8020	8914	10628	9478	14049	6462	8270	12369	11913	10855	7694	12764	6948	16290	16327	11853	10169	4505	11588	10798

To be continued on next page...

DECIBEL - Main Result

Calculation: V126 Day v25

...continued from previous page

Table with columns labeled NSA, WTG, and 25 numerical columns (55, 45, 51, 36, 27, 41, 23, 54, 50, 19, 33, 26, 43, 16, 49, 2, 5, 30, 42, 58, 32, 25). Rows contain numerical data for various WTG types (H112 to H255).

To be continued on next page...

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy
3100 DeMers Avenue
US-GRAND FORKS, ND 58201
+1 701 775 3000
Jay Haley / jhaley@eapc.net
Calculated:
6/30/2016 1:41 PM/3.0.654

DECIBEL - Main Result

Calculation: V126 Day v25

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Table with columns for WTS (55, 45, 51, 36, 27, 41, 23, 54, 50, 19, 33, 26, 43, 16, 49, 2, 5, 30, 42, 58, 32, 25) and rows for NSA values ranging from H257 to H348.

To be continued on next page...



DECIBEL - Main Result

Calculation: V126 Day v25

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Table with 22 columns (NSA, 55, 45, 51, 36, 27, 41, 23, 54, 50, 19, 33, 26, 43, 16, 49, 2, 5, 30, 42, 58, 32, 25) and 40 rows of numerical data.

To be continued on next page...

DECIBEL - Main Result

Calculation: V126 Day v25

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Table with columns labeled NSA, WTG, and 25 numerical columns (55, 45, 51, 36, 27, 41, 23, 54, 50, 19, 33, 26, 43, 16, 49, 2, 5, 30, 42, 58, 32, 25). Rows contain numerical data for various WTG identifiers (H417 to H484).

To be continued on next page...

DECIBEL - Main Result

Calculation: V126 Day v25

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Table with 23 columns (NSA, 55, 45, 51, 36, 27, 41, 23, 54, 50, 19, 33, 26, 43, 16, 49, 2, 5, 30, 42, 58, 32, 25) and 23 rows of numerical data.

Table with 23 columns (NSA, 40, 37, 34, 59, 47, 29, 52, 38, 60, 24, 53, 44, 46, 20, 17, 14, 9, 48, 3, 18, 13, 57) and 49 rows of numerical data.

To be continued on next page...

DECIBEL - Main Result

Calculation: V126 Day v25

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Table with columns NSA, WTG, and 24 numerical columns representing wind speed data points for various tower heights and directions.

To be continued on next page...



## DECIBEL - Main Result

### Calculation: V126 Day v25

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NSA	WTG	40	37	34	59	47	29	52	38	60	24	53	44	46	20	17	14	9	48	3	18	13	57
H305	3662	3184	5333	12838	6854	2949	10383	4054	13185	1839	11127	5018	6469	3331	1780	4311	4812	7495	4015	2254	3903	11866	
H307	4354	3891	5724	13597	7619	3571	11137	4821	13938	2443	11883	5787	7224	3627	1945	4394	4405	8254	3260	2408	3824	12637	
H308	5184	3721	7017	14005	7678	4578	11601	5249	14396	2158	12324	6155	7174	4984	3346	5837	5697	8701	3782	3821	5274	12849	
H309	5539	3874	7434	14241	7845	4965	11855	5524	14644	2346	12571	6409	7315	5406	3769	6257	6037	8960	3932	4243	5681	13037	
H310	6156	4030	8265	14484	7949	5684	12153	5927	14916	2672	12847	6746	7364	6285	4681	7189	6972	9284	4663	5158	6633	13163	
H311	6273	4537	8093	14945	8503	5681	12569	6251	15354	3044	13281	7126	7953	6031	4361	6796	6295	9678	3823	4827	6152	13708	
H312	6942	5092	8755	15532	9039	6357	13174	6881	15951	3646	13879	7740	8466	6680	5001	7402	6723	10289	3999	5461	6722	14251	
H313	6165	4630	7857	14980	8600	5525	12584	6238	15377	3095	13304	7137	8071	5771	4087	6484	5909	9686	3445	4545	5814	13790	
H314	6088	4992	7464	15161	8928	5348	12730	6366	15531	3423	13464	7304	8444	5337	3642	5907	5113	9830	2634	4069	5168	14070	
H315	5600	4665	6956	14729	8564	4845	12289	5931	15091	3101	13027	6879	8103	4833	3137	5438	4818	9392	2668	3570	4730	13677	
H316	6407	5328	7709	15500	9267	5652	13067	6705	15869	3759	13802	7643	8780	5574	3885	6083	5123	10168	2449	4298	5309	14411	
H317	5856	5391	6770	15170	9193	5001	12704	6406	15502	3863	13453	7374	8778	4630	2992	4994	3971	9829	1771	3349	4178	14225	
H318	5280	5168	6045	14660	8841	4387	12184	5955	14974	3716	12938	6928	8470	3907	2296	4264	3466	9330	2029	2630	3468	13789	
H319	4565	5264	4814	13988	8566	3597	11501	5534	14258	4048	12262	6489	8294	2712	1363	2929	2597	8725	2789	1512	2143	13288	
H320	4042	4569	4704	13468	7918	3104	10983	4911	13757	3368	11742	5874	7628	2562	934	3113	3268	8171	3196	1280	2497	12705	
H321	4607	5855	4222	13920	8858	3624	11440	5782	14151	4792	12201	6696	8658	2286	1611	2093	1927	8758	3322	1447	1205	13364	
H322	4094	5860	3277	13217	8489	3146	10751	5423	13420	5022	11510	6279	8363	1511	1681	1140	2333	8160	4292	1276	515	12774	
H323	3665	5850	2445	12544	8115	2797	10094	5101	12725	5222	10848	5887	8054	986	2018	525	2991	7590	5124	1541	951	12191	
H324	4755	7221	2516	13008	9172	4013	10625	6263	13125	6650	11360	6957	9188	2250	3424	904	3053	8351	5919	2953	1557	12874	
H325	4949	7600	2342	12796	9293	4302	10454	6478	12883	7131	11176	7104	9358	2643	3984	1459	3629	8310	6570	3507	2212	12766	
H326	5915	8474	3303	13694	10277	5230	11380	7439	13762	7902	12094	8083	10334	3499	4643	2157	3448	9285	6656	4180	2598	13718	
H327	5911	8722	2966	13029	10107	5372	10786	7438	13059	8333	11478	7974	10238	3822	5222	2698	4501	8892	7641	4745	3394	13196	
H328	6794	9627	3794	13569	10936	6275	11392	8317	13564	9229	12063	8828	11089	4723	6085	3554	5005	9632	8261	5610	4164	13843	
H330	8139	11161	5035	13605	11938	7789	11644	9611	13508	10936	12246	9973	12191	6437	7929	5422	6968	10326	10245	7451	6116	14176	
H331	8298	11308	5193	13793	12117	7934	11835	9774	13695	11064	12437	10144	12366	6560	8034	5519	6992	10513	10284	7556	6192	14367	
H334	8338	11290	5246	14162	12268	7917	12159	9835	14080	10975	12775	10251	12489	6461	7873	5344	6630	10738	9948	7397	5954	14680	
H335	7769	10528	4811	14550	11956	7203	12399	9298	14529	10042	13063	9834	12097	5574	6811	4302	5209	10666	8551	6345	4754	14861	
H336	7998	10717	5069	14854	12213	7409	12699	9528	14834	10195	13364	10080	12343	5751	6937	4449	5179	10947	8530	6476	4845	15157	
H337	8128	10763	5276	15211	12402	7494	13028	9659	15204	10175	13703	10246	12508	5788	6881	4440	4900	11207	8255	6429	4743	15469	
H338	7692	10179	5016	15235	12051	6987	12983	9214	15264	9505	13679	9861	12112	5222	6180	3829	4028	11003	7382	5743	4005	15373	
H339	7458	9747	5034	15442	11881	6677	13128	8955	15505	8965	13843	9665	11890	4870	5623	3456	3179	10997	6524	5214	3400	15458	
H340	6832	8943	4706	15199	11282	5993	12830	8293	15299	8090	13562	9055	11245	4177	4752	2792	2245	10558	5600	4367	2577	15088	
H341	6774	8661	4948	15425	11220	5882	13023	8185	15553	7710	13764	8994	11138	4092	4409	2798	1549	10645	4896	4069	2330	15218	
H342	6313	7930	4922	15270	10715	5372	12829	7647	15435	6889	13581	8505	10581	3668	3661	2584	637	10326	3982	3381	1823	14932	
H343	5513	6378	5236	14887	9636	4529	12403	6582	15131	5136	13164	7524	9384	3308	2356	3024	1599	9680	2368	2343	2052	14271	
H345	6344	6390	6680	15764	10047	5407	13281	7125	16059	4924	14039	8097	9687	4608	3199	4610	2952	10454	894	3413	3673	14953	
H346	6672	6709	6944	16095	10379	5732	13611	7459	16387	5232	13369	8431	10016	4893	3517	4829	2787	10786	586	3716	3874	15287	
H347	6264	6186	6736	15670	9884	5343	13190	6992	15974	4701	13946	7964	9510	4640	3164	4726	3206	10349	987	3414	3811	14825	
H348	7203	6096	8393	16306	10049	6430	13875	7512	16676	4532	14609	8449	9550	6252	4581	6649	5364	10975	2299	4970	5816	15205	
H349	8306	7143	9396	17403	11108	7521	14977	8613	17778	5589	15709	9546	10592	7256	5612	7541	5925	12076	2605	5976	6657	16280	
H350	8416	7573	9213	17666	11505	7571	15214	8871	18016	6004	15957	9825	11025	7095	5523	7219	5332	12324	1979	5836	6288	16631	
H351	7869	7671	8149	17279	11447	6940	14798	8590	17581	6139	15554	9562	11049	6115	4737	5980	3779	11956	644	4944	5003	16424	
H352	8232	8239	8260	17660	11954	7280	15174	9042	17944	6279	15934	10014	11580	6300	5050	6007	3542	12361	1106	5199	5014	16870	
H353	8096	8266	7984	17522	11917	7132	15036	8968	17794	6782	15796	9937	11566	6067	4898	5699	3154	12244	1208	5011	4705	16779	
H354	7283	7629	7128	16702	11191	6312	14216	8206	16966	6193	14977	9171	10866	5210	4081	4856	2447	11441	1063	4172	3862	15996	
H355	1893	5058	1734	9018	5444	2214	6586	3145	9191	5452	7334	3416	5644	2773	4102	3683	6524	4280	8155	3855	4484	8785	
H356	5773	8923	3478	9305	8449	5961	7393	6896	9215	9297	7968	6888	8884	5619	7298	5566	8325	6472	10919	6902	6559	9942	
H357	7052	9976	5534	7590	8494	7517	6136	7797	7382	10667	6545	7488	9052	7616	9219	7806	10649	6216	13057	8876	8797	8640	
H358	7134	9462	6860	4722	6929	7894	3492	7310	4530	10518	3770	6677	7595	8616	9972	9229	12164	4607	14039	9739	10162	5880	
H359	5310	3531	8311	8172	11889	6026	6314	3780	8716	5049	6816	3304	1261	7837	7584	9248	11121	4228	10660	7819	9500	6452	
H360	6594	7589	8018	2898	3938	7570	671	5901	3301	9014	1237	4960	4648	8990	9796	10081	12828	2456	13784	9749	10811	2433	
H361	7524	8482	8852	1977	4738	8498	774	6831	2421	9925	513	5886	5434	9895	10726	10959	13730	3391	14718	10673	11708	1790	
H362	7831	7986	9767	3220	4016	8811	2613	6784	3829	9530	2533	5816	4593	10423	10957	11639	14226	3800	14752	10993	12267	1271	
H363	10238	11239	11261	810	7411	11199	3295	9603	750	12695	2535	8661	8082	12504	13433	13480	16320	6151	17457	13354	14283	2596	
H364	8655	88																					

DECIBEL - Main Result

Calculation: V126 Day v25

...continued from previous page

Table with columns labeled NSA, WTG, and 25 numerical columns (40-64). Rows contain numerical data for various locations like H378, H379, etc.

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V126 Day v25

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NSA	WTG	40	37	34	59	47	29	52	38	60	24	53	44	46	20	17	14	9	48	3	18	13	57
H446	8639	5472	11529	14194	7759	8685	12317	7573	14747	5461	12846	7898	7045	9975	8701	11183	11577	9907	9389	9154	10867	12383	
H447	8572	5407	11459	14170	7724	8614	12285	7513	14722	5387	12816	7844	7010	9900	8624	11106	11498	9864	9313	9077	10790	12366	
H448	8569	5405	11452	14185	7735	8608	12297	7514	14736	5377	12829	7848	7021	9890	8611	11095	11481	9873	9291	9064	10776	12383	
H449	8564	5400	11445	14191	7738	8601	12300	7510	14741	5368	12833	7846	7024	9882	8601	11085	11469	9874	9277	9054	10765	12389	
H450	8558	5397	11431	14230	7768	8587	12332	7514	14779	5345	12868	7858	7054	9858	8570	11057	11426	9897	9222	9025	10732	12433	
H451	8662	5493	11563	14152	7732	8719	12286	7584	14706	5507	12811	7897	7018	10021	8756	11234	11647	9890	9473	9208	10925	12334	
H452	9350	6181	12242	14706	8349	9398	12887	8271	15268	6166	13396	8574	7637	10679	9387	11877	12210	10533	9929	9843	11546	12854	
H453	8647	5475	11555	14100	7687	8710	12239	7561	14655	5509	12762	7867	6973	10021	8765	11239	11668	9849	9508	9215	10936	12279	
H454	8607	5435	11515	14064	7648	8671	12201	7520	14619	5472	12725	7826	6935	9984	8730	11203	11638	9810	9485	9180	10901	12245	
H455	8538	5368	11444	14035	7608	8600	12164	7457	14589	5397	12690	7769	6894	9909	8654	11127	11562	9763	9414	9104	10825	12223	
H456	8485	5313	11398	13949	7526	8554	12081	7394	14503	5364	12606	7699	6812	9875	8630	11098	11555	9685	9429	9078	10804	12135	
H457	8434	5260	11354	13872	7452	8511	12005	7336	14426	5330	12530	7635	6738	9840	8604	11068	11544	9613	9437	9051	10780	12058	
H458	8391	5216	11315	13811	7392	8472	11945	7287	14365	5301	12469	7582	6679	9809	8579	11040	11531	9555	9439	9025	10757	11997	
H459	8391	5216	11318	13797	7381	8475	11933	7284	14351	5307	12456	7577	6667	9815	8588	11048	11544	9546	9456	9033	10766	11980	
H460	8402	5226	11335	13766	7359	8493	11909	7287	14321	5334	12429	7572	6646	9839	8619	11076	11584	9530	9506	9064	10799	11945	
H461	8407	5231	11344	13749	7348	8502	11896	7289	14305	5348	12415	7570	6635	9852	8636	11091	11605	9522	9532	9080	10816	11927	
H462	8413	5237	11353	13732	7336	8511	11882	7290	14288	5362	12400	7567	6623	9865	8653	11106	11627	9513	9559	9096	10833	11907	
H463	8479	5303	11416	13795	7403	8574	11948	7358	14352	5420	12465	7636	6690	9925	8707	11163	11672	9582	9589	9151	10886	11967	
H464	8370	5194	11311	13694	7294	8469	11842	7246	14250	5324	12361	7523	6581	9826	8616	11068	11596	9471	9536	9059	10797	11871	
H465	8307	5130	11250	13634	7230	8409	11778	7181	14190	5269	12298	7457	6517	9770	8565	11014	11553	9405	9508	9007	10747	11814	
H466	8258	5082	11202	13597	7188	8361	11737	7132	14152	5223	12259	7409	6475	9723	8521	10969	11514	9360	9477	8962	10703	11780	
H467	8193	5017	11138	13544	7129	8298	11680	7067	14098	5164	12203	7345	6416	9663	8464	10910	11464	9299	9439	8905	10647	11730	
H468	8143	4966	11090	13493	7075	8250	11627	7014	14047	5122	12150	7290	6362	9619	8424	10868	11433	9244	9421	8865	10608	11681	
H469	8082	4906	11031	13443	7020	8191	11573	6953	13996	5067	12097	7230	6306	9563	8372	10813	11387	9186	9387	8812	10557	11634	
H470	8037	4861	10987	13407	6979	8147	11533	6908	13959	5026	12059	7185	6266	9520	8332	10772	11352	9144	9361	8771	10518	11601	
H471	7940	4764	10889	13339	6901	8050	11457	6812	13890	4932	11986	7092	6187	9425	8241	10679	11269	9059	9294	8679	10427	11540	
H472	7867	4691	10827	13222	6788	7989	11343	6727	13773	4894	11870	6997	6074	9379	8210	10640	11261	8951	9317	8646	10398	11422	
H473	7816	4639	10773	13201	6758	7935	11315	6679	13751	4838	11845	6953	6044	9323	8154	10583	11205	8916	9266	8590	10342	11406	
H474	7785	4609	10744	13175	6729	7906	11287	6648	13725	4811	11818	6922	6015	9296	8129	10557	11184	8886	9252	8564	10317	11381	
H475	7727	4552	10696	13061	6623	7861	11178	6576	13611	4791	11707	6838	5909	9266	8116	10534	11192	8786	9291	8548	10305	11265	
H476	7608	4433	10577	12987	6533	7742	11093	6460	13535	4675	11625	6727	5819	9148	8002	10418	11087	8688	9205	8433	10192	11200	
H477	7605	4429	10568	13024	6563	7732	11124	6465	13572	4653	11659	6740	5848	9131	7977	10397	11053	8712	9161	8410	10167	11241	
H478	7667	4493	10642	12981	6543	7808	11099	6509	13532	4753	11627	6766	5830	9221	8081	10494	11171	8709	9292	8512	10272	11186	
H479	7674	4500	10651	12965	6532	7818	11086	6511	13516	4769	11613	6764	5818	9235	8099	10510	11193	8700	9318	8529	10289	11168	
H480	7680	4507	10660	12952	6523	7827	11076	6514	13503	4783	11602	6763	5809	9248	8114	10523	11212	8694	9341	8544	10305	11153	
H481	7685	4513	10667	12938	6513	7836	11065	6516	13490	4797	11590	6761	5800	9259	8129	10536	11230	8687	9363	8558	10320	11137	
H482	7689	4517	10674	12920	6499	7843	11050	6516	13472	4811	11573	6757	5786	9270	8143	10549	11249	8677	9387	8572	10335	11116	
H483	7709	4539	10698	12900	6489	7869	11036	6529	13453	4846	11558	6763	5776	9301	8180	10582	11291	8672	9435	8608	10372	11092	
H484	7751	4588	10756	12797	6419	7933	10956	6546	13354	4950	11469	6754	5708	9387	8289	10678	11424	8622	9598	8713	10481	10976	
H485	7776	4611	10778	12838	6458	7953	10996	6575	13394	4961	11509	6787	5747	9403	8299	10691	11427	8659	9590	8724	10491	11017	
H486	7752	4582	10741	12930	6525	7912	11071	6572	13484	4886	11591	6805	5812	9343	8220	10623	11327	8710	9463	8648	10411	11120	
H487	7751	4579	10734	12974	6560	7902	11108	6579	13527	4863	11631	6821	5847	9326	8194	10602	11291	8739	9415	8623	10385	11168	
H488	7714	4540	10688	13021	6587	7854	11141	6577	13572	4794	11669	6813	5873	9265	8121	10536	11206	8754	9316	8552	10311	11223	
H489	8106	4931	11075	13313	6923	8240	11466	6948	13869	5156	11982	7196	6211	9638	8474	10901	11522	9111	9560	8909	10662	11490	
H490	8167	4993	11137	13355	6973	8301	11514	7008	13912	5215	12028	7255	6261	9699	8532	10961	11575	9164	9604	8968	10720	11528	
H491	8044	4869	11018	13233	6843	8184	11386	6879	13789	5113	11902	7123	6131	9590	8435	10858	11497	9032	9555	8869	10625	11411	
H492	9417	6241	12370	14365	8114	9529	12614	8264	14936	6379	13099	8498	7409	10885	9657	12120	12581	10348	10402	10104	11833	12475	
H493	7977	4823	10995	12828	6511	8177	11026	6749	13390	5221	11525	6927	5803	9647	8561	10943	11704	8740	9874	8983	10754	10981	
H494	9409	6257	12429	13784	7700	9609	12126	8163	14365	6603	12577	8299	7009	11061	9931	12342	12989	9987	10969	10363	12122	11851	
H495	8761	5728	11847	12420	6521	9096	10842	7398	13008	6401	11262	7391	5858	10680	9732	12024	12989	8848	11297	10130	11917	10461	
H496	8875	5840	11960	12499	6623	9208	10933	7512	13088	6505	11349	7503	5961	10791	9837	12133	13088	8952	11381	10237	12023	10534	
H497	8585	5762	11690	11352	5774	9045	9900	7132	11950	6703	10273	6966	5166	10728	9954	12111	13338	8118	11919	10317	12105	9352	

NSA	WTG	10	56	22	21	1	15	8	35	4	6	7	11	12	28	31	39
H048	16899	5175	14377	14418	18669	15393	176										

## DECIBEL - Main Result

Calculation: V126 Day v25

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NSA	10	56	22	21	1	15	8	35	4	6	7	11	12	28	31	39
H086	15444	2611	12503	12732	17726	13625	16206	11630	16865	15818	16331	15750	14502	11752	11157	10047
H087	16182	3407	13298	13503	18370	14408	16940	12441	17524	16517	17040	16430	15218	12482	11920	10728
H088	15247	2986	12455	12610	17383	13536	16001	11656	16540	15552	16082	15455	14264	11543	11016	9756
H090	16038	3596	13250	13408	18131	14334	16790	12440	17296	16327	16862	16222	15048	12332	11812	10527
H091	15362	3957	12811	12856	17240	13962	16097	12122	16432	15549	16106	15403	14315	11657	11240	9747
H092	14924	4247	12519	12497	16677	13492	15649	11905	15885	15051	15620	14883	13847	11229	10876	9263
H093	14805	4614	12516	12444	16448	13455	15521	11955	15671	14882	15461	14695	13704	11124	10822	9116
H094	16286	6116	14164	14034	17670	15064	16982	13647	16938	16262	16860	16028	15142	12640	12414	10566
H095	14925	6626	13180	12895	16011	13962	15588	12846	15321	14764	15383	14481	13726	11368	11298	9218
H096	15330	6141	13384	13178	16592	14228	16012	12959	15876	15247	15855	14993	14161	11720	11566	9608
H097	15324	7161	13670	13355	16289	14428	15975	13364	15621	15116	15742	14815	14110	11799	11766	9633
H112	13205	5805	11431	11140	14456	12207	13879	11127	13730	13097	13706	12841	12023	9625	9543	7487
H113	14563	6906	12952	12615	15539	13692	15213	12681	14865	14353	14978	14052	13346	11046	11032	8877
H114	13383	3990	11071	10996	15148	12007	14105	10533	14348	13503	14072	13337	12300	9694	9374	7715
H115	14696	4569	12410	12336	16343	13348	15412	11852	15566	14774	15353	14587	13595	11015	10713	9007
H116	13334	3583	10913	10885	15209	11879	14065	10328	14394	13503	14062	13358	12275	9633	9264	7702
H117	14717	3082	12036	12136	16764	13085	15464	11300	15932	14977	15517	14864	13708	11009	10530	9173
H118	14116	1791	11188	11403	16451	12300	14879	10345	15580	14507	15014	14451	13183	10426	9827	8751
H119	15614	2472	12036	12626	18607	13310	16400	10837	17670	16341	16750	16426	14918	12139	11240	10953
H147	13327	1519	9758	10336	16384	11026	14113	8592	15439	14078	14476	14181	12649	9878	8957	8795
H148	12692	1413	9209	9728	15680	10455	13477	8102	14740	13403	13813	13491	11981	9201	8312	8065
H149	12706	934	9452	9832	15453	10642	13486	8471	14534	13291	13742	13324	11900	9108	8333	7748
H150	12149	1511	8955	9297	14867	10127	12928	8021	13950	12716	13171	12743	11329	8537	7782	7160
H151	13136	2955	10554	10596	15186	11565	13880	9899	14347	13384	13925	13273	12118	9428	8982	7581
H152	13080	3806	10733	10670	14903	11676	13806	10187	14094	13223	13787	13069	12008	9386	9048	7428
H153	11599	5575	9833	9519	13001	10589	12281	9586	12242	11537	12137	11308	10431	8004	7925	5877
H154	13134	5859	11383	11083	14369	12152	13806	11090	13645	13018	13629	12760	11949	9560	9488	7418
H155	12707	6754	11271	10853	13672	11941	13348	11118	12988	12472	13100	12170	11480	9234	9296	7049
H156	12268	7010	10953	10488	13159	11581	12898	10860	12484	11997	12629	11683	11028	8837	8951	6643
H157	13133	7097	11763	11328	13991	12418	13764	11623	13328	12860	13493	12541	11895	9691	9778	7500
H161	12231	11781	12554	11629	11447	12681	12633	13030	11092	11332	11994	10791	10909	9783	10479	7885
H163	10999	9522	10696	9911	11040	10999	11512	11007	10502	10374	11035	9933	9684	8087	8601	6008
H165	11748	7476	10633	10096	12503	11195	12359	10634	11846	11414	12053	11078	10490	8396	8595	6199
H166	11869	8568	11124	10474	12242	11574	12433	11253	11652	11385	12038	10992	10577	8706	9047	6535
H167	10306	6010	8667	8285	11751	9365	10985	8527	10976	10243	10841	10022	9134	6729	6709	4586
H168	11483	5155	9570	9310	13037	10368	12179	9266	12256	11487	12075	11284	10342	7849	7704	5763
H169	11466	3743	9052	9000	13492	9999	12203	8530	12648	11686	12231	11571	10429	7761	7379	5881
H170	10241	3514	7302	7486	12862	8387	11013	6575	11948	10740	11212	10750	9370	6586	5917	5153
H171	10630	3013	7383	7743	13500	8558	11412	6469	12565	11263	11696	11328	9856	7066	6251	5873
H172	11178	2461	7974	8314	13969	9142	11958	7064	13042	11774	12219	11819	10377	7585	6806	6295
H173	11723	1936	8417	8821	14577	9616	12505	7434	13646	12357	12791	12415	10951	8160	7342	6918
H174	12850	2196	9188	9828	16034	10473	13636	7973	15078	13667	14041	13801	12226	9480	8505	8542
H175	11911	2705	8245	8885	15135	9528	12696	7043	14175	12745	13111	12892	11302	8567	7574	7711
H198	11018	3467	7320	7981	14316	8608	11802	6116	13350	11889	12239	12056	10441	7731	6703	7009
H199	9389	4561	5827	6379	12640	7075	10175	4769	11675	10222	10583	10382	8776	6056	5046	5402
H200	9015	4654	5747	6101	12035	6912	9799	4905	11083	9714	10121	9818	8289	5513	4632	4592
H201	9756	3980	6845	7006	12399	7916	10528	6159	11480	10261	10729	10276	8888	6102	5434	4703
H202	8583	5109	5731	5839	11309	6765	9356	5160	10378	9116	9573	9154	7731	4941	4260	3685
H203	10076	3788	7261	7378	12603	8308	10843	6607	11697	10525	11010	10514	9171	6398	5789	4879
H204	9771	5714	7942	7620	11465	8688	10472	7756	10652	9812	10391	9637	8642	6135	6024	4056
H206	9450	7713	8512	7878	10377	8979	10063	8676	9668	9145	9778	8836	8194	6136	6435	3947
H207	8770	8842	8353	7557	9331	8646	9329	8726	8670	8297	8946	7929	7474	5736	6259	3659
H208	9747	9693	9644	8787	9790	9864	10247	10067	9235	9096	9758	8654	8428	6948	7556	4953
H209	10532	11178	10917	9959	9919	11002	10943	11462	9504	9662	10326	9137	9209	8115	8859	6286
H210	9905	13263	11202	10061	8368	10996	10157	12027	8156	8728	9365	8108	8639	8307	9296	6963
H211	10001	13180	11248	10116	8508	11058	10263	12056	8286	8839	9478	8223	8730	8353	9328	6974
H212	10088	13146	11305	10179	8614	11126	10354	12102	8389	8933	9574	8319	8814	8410	9378	7009
H213	10190	13089	11365	10247	8748	11200	10463	12148	8517	9047	9689	8435	8912	8472	9427	7042
H214	10375	12961	11467	10365	9000	11331	10662	12221	8756	9256	9901	8651	9091	8577	9510	7092
H215	10526	12829	11539	10453	9216	11429	10825	12267	8959	9429	10077	8831	9235	8654	9566	7120

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## DECIBEL - Main Result

Calculation: V126 Day v25

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NSA	10	56	22	21	1	15	8	35	4	6	7	11	12	28	31	39
H217	9353	12472	10443	9331	8166	10291	9657	11227	7857	8269	8920	7679	8062	7550	8505	6131
H220	8631	11219	9308	8261	8077	9267	9026	10005	7615	7735	8399	7212	7312	6439	7313	4856
H221	9474	11409	10111	9085	8777	10100	9859	10765	8362	8552	9215	8015	8156	7256	8095	5592
H222	7495	9276	7300	6414	8164	7488	8050	7820	7464	7026	7673	6674	6196	4573	5226	2643
H224	7887	8623	7345	6557	8781	7649	8478	7735	8055	7527	8163	7212	6611	4746	5250	2651
H225	6707	7464	4982	4517	8923	5600	7434	5118	8024	6933	7462	6869	5653	3025	2957	1199
H226	6972	7919	5814	5170	8665	6270	7648	6099	7822	6945	7527	6775	5799	3468	3728	1275
H227	6789	7099	4657	4358	9285	5408	7540	4634	8362	7165	7658	7160	5824	3082	2744	1672
H228	9104	4705	5644	6123	12284	6863	9890	4670	11322	9894	10270	10037	8454	5712	4739	4992
H230	9989	5199	6062	6921	13598	7386	10761	4713	12618	11039	11314	11294	9587	7043	5884	6825
H233	10858	5475	6836	7803	14587	8162	11618	5400	13605	11986	12227	12275	10541	8076	6888	7956
H248	8517	7964	4423	5614	12547	5689	9231	2921	11575	9849	9976	10250	8465	6450	5213	7114
H249	7369	6998	3508	4300	11028	4813	8142	2333	10046	8436	8697	8716	6988	4549	3339	4822
H250	6984	6788	3600	3994	10312	4765	7770	2904	9338	7839	8184	8029	6388	3721	2648	3596
H251	6314	7471	4142	3834	8955	4881	7073	4187	8018	6758	7230	6788	5390	2618	2218	1567
H252	6519	7567	4762	4299	8811	5381	7251	4915	7903	6780	7299	6732	5483	2828	2736	1117
H253	5344	9127	4629	3764	7263	4853	6020	5249	6372	5364	5928	5247	4176	1951	2573	465
H254	6641	8652	5954	5159	8036	6253	7277	6411	7222	6460	7068	6235	5410	3357	3863	1260
H255	6769	8994	6348	5490	7882	6574	7371	6865	7105	6464	7090	6187	5502	3660	4269	1685
H257	6027	10835	6765	5646	6280	6622	6485	7620	5600	5317	5978	4895	4702	3870	4879	2792
H258	7234	10829	7885	6814	7109	7814	7667	8643	6530	6441	7106	5969	5910	5003	5924	3575
H259	6864	11601	7955	6803	6369	7743	7229	8837	5844	5921	6584	5397	5555	5061	6096	3964
H260	6941	11900	8173	7002	6248	7923	7276	9084	5764	5934	6594	5386	5643	5284	6342	4254
H261	8676	11890	9638	8539	7787	9512	9018	10411	7396	7669	8328	7108	7371	6748	7691	5316
H262	8154	12946	9662	8470	6740	9360	8398	10592	6455	6969	7608	6352	6899	6780	7850	5722
H278	7876	13333	9606	8381	6255	9231	8077	10598	6012	6624	7250	5988	6651	6749	7863	5862
H279	6931	13685	9014	7742	5129	8512	7075	10115	4895	5596	6206	4941	5761	6240	7421	5719
H280	6828	13612	8900	7629	5078	8400	6978	10002	4826	5502	6115	4850	5654	6127	7309	5619
H281	6402	12425	7985	6759	5485	7616	6682	8998	5022	5294	5947	4715	5134	5138	6272	4434
H282	5959	12973	7903	6634	4759	7417	6172	9010	4330	4737	5377	4124	4741	5136	6326	4747
H283	5895	11979	7319	6102	5414	6978	6229	8324	4845	4900	5563	4371	4601	4466	5598	3814
H284	4869	12252	6603	5334	4593	6132	5186	7723	3929	3860	4524	3348	3590	3855	5062	3740
H285	4459	11598	5797	4552	4959	5406	4888	6882	4175	3720	4379	3334	3138	3009	4208	2988
H286	5305	10435	5768	4666	6201	5662	5838	6628	5412	4822	5463	4508	3993	2874	3886	1990
H287	4736	9323	3845	2966	7076	4058	5449	4544	6144	4954	5470	4933	3658	1175	1821	1027
H288	3673	10689	4066	2869	5710	3819	4314	5128	4775	3641	4196	3575	2455	1259	2481	2166
H289	4809	8855	2830	2297	7808	3372	5581	3329	6840	5419	5832	5548	3995	1223	742	1891
H292	5520	8383	2014	2466	9128	3168	6301	1704	8146	6536	6811	6815	5086	2721	1482	3559
H293	5057	9474	990	2111	9043	2318	5798	632	8072	6344	6489	6749	4964	3259	2165	4679
H294	6760	9137	2708	3981	10873	3914	7454	1279	9912	8157	8240	8602	6819	5127	3955	6260
H295	6706	11273	3416	4674	10982	4061	7252	2772	10084	8302	8205	8868	7182	6299	5340	7893
H296	7262	10045	3462	4785	11490	4450	7889	2309	10554	8773	8768	9279	7524	6160	5051	7455
H297	4457	11006	1152	2272	8693	1667	5093	1694	7766	5981	5963	6510	4785	4006	3245	5847
H299	3709	11164	840	1563	7920	880	4376	2072	6986	5203	5209	5722	3992	3376	2795	5349
H300	3801	9942	1375	819	7458	1815	4585	2407	6477	4826	5084	5143	3386	1538	853	3370
H301	2175	11526	2146	921	6033	1305	2958	3610	5066	3331	3508	3752	1971	1960	2272	4157
H302	2718	11311	1391	629	6787	532	3464	2892	5833	4068	4163	4539	2776	2392	2248	4537
H303	3138	11017	3747	2486	5464	3367	3799	4918	4505	3230	3748	3246	1958	1182	2409	2630
H305	3676	12296	5615	4310	4129	5023	4035	6841	3296	2804	3466	2404	2388	3070	4310	3634
H307	3362	13039	5888	4566	3363	5139	3587	7203	2526	2217	2880	1717	2194	3580	4807	4378
H308	4742	13576	7265	5949	3405	6577	4857	8522	2899	3379	3996	2732	3637	4751	5991	5007
H309	5115	13843	7688	6372	3431	6997	5195	8940	3039	3701	4298	3034	4039	5158	6397	5326
H310	6069	14170	8569	7261	3982	7924	6128	9780	3776	4627	5204	3949	4994	5949	7176	5847
H311	5473	14564	8302	6981	3123	7545	5454	9590	2943	3947	4484	3256	4505	5847	7087	6063
H312	5976	15177	8945	7622	3132	8155	5890	10248	3164	4395	4882	3703	5081	6519	7760	6718
H313	5104	14564	8030	6707	2794	7236	5068	9343	2561	3563	4094	2870	4170	5648	6887	6001
H314	4370	14674	7547	6230	2115	6663	4277	8917	1742	2780	3280	2088	3549	5367	6590	6028
H315	3996	14220	7053	5734	2370	6194	3976	8414	1787	2469	3028	1781	3095	4856	6078	5564
H316	4451	15009	7760	6449	1822	6838	4299	9149	1575	2826	3273	2145	3715	5650	6864	6359
H317	3282	14587	6735	5444	1789	5745	3139	8164	951	1655	2136	974	2632	4876	6040	5940

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## DECIBEL - Main Result

Calculation: V126 Day v25

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NSA	WTG															
	10	56	22	21	1	15	8	35	4	6	7	11	12	28	31	39
H318	2645	14035	6000	4710	2388	5017	2623	7430	1431	1122	1731	473	1899	4208	5347	5430
H319	1511	13268	4694	3429	3514	3680	1824	6149	2536	957	1476	1208	578	3246	4262	4884
H320	2125	12789	4728	3415	3737	3866	2513	6121	2763	1518	2119	1474	873	2861	3984	4296
H321	707	13119	3949	2777	4229	2820	1360	5440	3286	1508	1659	2037	635	3114	3910	5059
H322	1284	12364	2977	1825	5195	1887	2070	4468	4243	2476	2607	2961	1248	2527	3103	4652
H323	2080	11651	2163	992	6004	1235	2859	3642	5041	3293	3444	3737	1964	2108	2403	4305
H324	2674	12007	1719	1542	6930	474	3309	3128	6018	4233	4181	4798	3149	3309	3131	5463
H325	3325	11750	1407	1767	7586	748	3941	2646	6675	4890	4832	5451	3784	3612	3204	5685
H326	3490	12619	2339	2705	7742	1614	3954	3361	6888	5136	4950	5760	4246	4530	4189	6644
H327	4423	11903	2009	2881	8699	1975	4955	2574	7815	6039	5915	6629	5003	4707	4085	6665
H328	5103	12400	2867	3786	9354	2855	5557	3148	8502	6746	6562	7364	5801	5612	4959	7551
H330	7087	12343	4290	5456	11340	4682	7540	3858	10486	8727	8548	9336	7735	7182	6311	8896
H331	7142	12531	4433	5582	11386	4784	7580	4036	10541	8787	8595	9403	7818	7322	6466	9055
H334	6851	12913	4424	5498	11065	4630	7250	4203	10239	8502	8279	9133	7594	7282	6496	9098
H335	5534	13363	3867	4681	9684	3669	5869	4167	8888	7186	6914	7839	6400	6525	5947	8523
H336	5570	13668	4115	4879	9673	3844	5866	4462	8897	7216	6918	7878	6485	6724	6184	8748
H337	5380	14040	4306	4959	9407	3890	5621	4781	8658	7012	6679	7684	6364	6800	6339	8871
H338	4554	14107	4038	4476	8536	3378	4761	4779	7797	6171	5819	6849	5594	6284	5963	8416
H339	3810	14359	4082	4251	7685	3165	3942	5064	6971	5389	4999	6076	4939	5973	5826	8154
H340	2852	14171	3823	3700	6753	2688	2986	5024	6019	4425	4044	5112	4013	5298	5319	7495
H341	2316	14439	4139	3782	6055	2888	2330	5451	5345	3808	3381	4500	3568	5209	5398	7397
H342	1423	14346	4248	3592	5129	2923	1366	5678	4392	2845	2421	3538	2732	4740	5139	6878
H343	905	14110	4909	3786	3374	3707	764	6410	2497	793	646	1482	1316	4076	4930	5900
H345	2564	15093	6466	5260	1721	5323	2179	7953	858	1018	1122	859	2447	5124	6167	6561
H346	2725	15419	6700	5515	1565	5529	2255	8193	861	1281	1229	1193	2731	5437	6464	6894
H347	2743	15021	6563	5333	1602	5451	2415	8040	660	1128	1358	772	2492	5096	6171	6450
H348	4853	15816	8388	7090	1346	7399	4578	9806	1577	3199	3521	2577	4288	6398	7599	7166
H349	5602	16922	9332	8056	1433	8280	5205	10777	2202	3979	4159	3442	5215	7464	8651	8272
H350	5162	17123	9061	7824	896	7937	4674	10536	1864	3617	3668	3196	4974	7433	8573	8461
H351	3809	16623	7864	6711	1068	6654	3208	9364	1334	2502	2314	2370	3955	6662	7691	8057
H352	3798	16963	7895	6809	1760	6638	3107	9399	1956	2743	2387	2776	4173	6944	7907	8473
H353	3489	16799	7584	6531	2078	6311	2769	9086	2101	2583	2147	2721	3974	6762	7684	8372
H354	2645	15964	6744	5676	2217	5483	1953	8247	1838	1781	1294	2044	3131	5922	6829	7587
H355	5533	8119	2712	2675	8772	3616	6318	2724	7798	6310	6675	6490	4864	2184	1151	2552
H356	7776	8049	3678	4844	11776	4966	8500	2175	10802	9083	9224	9475	7692	5669	4435	6402
H357	10009	6252	5948	6978	13834	7268	10759	4483	12852	11197	11407	11519	9764	7406	6187	7518
H358	11306	3388	7576	8263	14628	8871	12090	6344	13661	12192	12537	12365	10743	8040	7003	7331
H359	9899	8306	9210	8513	10505	9611	10477	9437	9853	9472	10118	9112	8614	6730	7121	4573
H360	11733	2672	8964	9080	14068	10016	12492	8263	13189	12104	12613	12051	10783	8036	7484	6356
H361	12645	1991	9785	9955	15002	10870	13408	9010	14124	13035	13541	12985	11709	8954	8370	7290
H362	13069	3864	10739	10669	14877	11677	13794	10201	14069	13205	13770	13048	11993	9376	9046	7412
H363	15274	1903	12145	12470	17765	13314	16047	11183	16880	15748	16234	15723	14395	11616	10932	10043
H364	3877	17329	7939	6944	2591	6641	3117	9434	2721	3150	2653	3338	4495	7287	8165	8954
H365	3639	17168	7668	6707	2838	6361	2865	9158	2854	3060	2512	3323	4347	7131	7970	8859
H366	3009	16642	6904	6030	3466	5582	2225	8376	3228	2870	2226	3313	3940	6657	7391	8525
H367	2645	16107	6044	5361	4608	4721	2002	7459	4172	3247	2598	3856	3869	6325	6863	8368
H368	2206	15670	5643	4929	4509	4317	1590	7073	3990	2914	2287	3551	3447	5880	6422	7928
H369	2343	15633	5508	4879	4908	4191	1825	6908	4375	3229	2623	3884	3634	5945	6413	8035
H370	3032	15258	4923	4653	6352	3719	2859	6161	5743	4366	3852	5056	4335	6094	6272	8280
H371	3107	15049	4704	4504	6585	3535	3011	5908	5949	4515	4029	5208	4385	6008	6127	8201
H372	5202	18531	9279	8261	2873	7985	4453	10776	3405	4306	3895	4349	5717	8501	9432	10049
H373	5024	18554	9021	8089	3469	7705	4245	10502	3824	4393	3883	4566	5724	8513	9362	10197
H374	5545	18645	9643	8568	2582	8374	4832	11146	3289	4464	4145	4393	5910	8659	9651	10082
H375	9288	20878	13236	11999	5071	12097	8727	14712	6038	7788	7781	7364	9147	11512	12688	12269
H376	9596	20610	13427	12156	5321	12347	9099	14877	6242	8025	8103	7531	9311	11511	12717	12082
H377	7547	19129	11447	10199	3289	10330	7027	12916	4242	6009	6046	5561	7346	9696	10872	10496
H378	6460	18266	10375	9136	2210	9247	5941	11849	3175	4931	4958	4503	6285	8696	9854	9608
H379	9738	20284	13459	12167	5478	12428	9293	14884	6345	8127	8269	7586	9347	11408	12631	11838
H380	9412	19972	13124	11832	5157	12096	8973	14549	6017	7798	7946	7254	9012	11073	12295	11513
H381	8748	19505	12485	11198	4488	11444	8303	13917	5356	7139	7278	6604	8370	10480	11696	10992

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## DECIBEL - Main Result

Calculation: V126 Day v25

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NSA	10	56	22	21	1	15	8	35	4	6	7	11	12	28	31	39
H382	7251	18544	11066	9798	2976	9987	6782	12520	3882	5666	5768	5170	6951	9209	10401	9929
H383	7812	18698	11541	10256	3563	10501	7379	12976	4416	6198	6348	5660	7426	9561	10772	10139
H384	8338	18818	11979	10680	4136	10977	7941	13393	4938	6705	6898	6135	7876	9891	11115	10333
H385	6477	17532	10183	8898	2280	9146	6076	11618	3077	4852	5033	4303	6067	8236	9439	8917
H386	7280	16666	10488	9167	3679	9637	7073	11820	4100	5640	6023	4972	6525	8123	9363	8295
H387	6539	15551	9515	8193	3483	8732	6433	10810	3632	4945	5413	4255	5658	7062	8301	7170
H388	7533	15745	10332	9016	4501	9619	7458	11574	4682	5962	6448	5269	6591	7757	8988	7604
H389	7180	15511	9977	8660	4236	9260	7115	11224	4371	5616	6111	4923	6232	7415	8647	7307
H390	7038	15371	9814	8498	4163	9102	6983	11060	4266	5482	5984	4789	6080	7250	8482	7149
H391	7046	15355	9814	8498	4182	9104	6993	11058	4281	5492	5995	4798	6085	7246	8477	7138
H392	7058	15337	9816	8500	4207	9109	7008	11057	4302	5506	6012	4813	6093	7243	8474	7126
H393	7064	15315	9811	8496	4227	9108	7017	11050	4317	5515	6022	4821	6095	7234	8465	7110
H394	7076	15265	9800	8486	4272	9105	7036	11034	4351	5532	6045	4839	6098	7213	8443	7072
H395	7021	15391	9810	8493	4132	9093	6963	11058	4240	5463	5963	4769	6068	7251	8484	7161
H396	6578	15055	9340	8023	3866	8625	6540	10592	3888	5036	5553	4343	5606	6791	8025	6753
H397	7084	15256	9802	8488	4287	9108	7045	11034	4363	5541	6054	4848	6104	7213	8442	7066
H398	7096	15232	9802	8489	4315	9113	7061	11032	4387	5557	6072	4864	6112	7207	8436	7051
H399	7148	15211	9832	8520	4386	9151	7118	11056	4453	5614	6132	4921	6157	7227	8454	7049
H400	7089	15163	9768	8456	4351	9087	7063	10993	4407	5557	6078	4865	6095	7164	8391	6991
H401	8110	15482	10665	9363	5309	10038	8095	11843	5424	6589	7112	5897	7088	7984	9193	7593
H402	7250	14674	9688	8391	4829	9085	7289	10858	4787	5783	6342	5098	6179	6997	8206	6644
H403	8236	14868	10521	9241	5783	9982	8293	11635	5787	6788	7351	6105	7136	7760	8942	7176
H404	9089	15384	11374	10098	6472	10846	9129	12470	6550	7622	8173	6935	7999	8595	9765	7920
H405	9723	15652	11957	10690	7069	11453	9764	13030	7172	8258	8807	7570	8626	9158	10314	8395
H406	8693	14358	10672	9426	6549	10235	8817	11703	6472	7326	7920	6659	7525	7840	8975	7009
H407	9467	14740	11421	10183	7207	11003	9582	12428	7182	8088	8675	7416	8302	8576	9694	7655
H408	10220	15556	12304	11055	7683	11854	10291	13330	7758	8787	9351	8105	9091	9471	10599	8572
H409	10403	15530	12436	11194	7905	12004	10484	13445	7971	8982	9551	8301	9264	9592	10710	8648
H410	10289	15251	12248	11014	7897	11838	10390	13239	7928	8892	9470	8215	9133	9394	10502	8412
H411	9235	13990	10952	9742	7315	10605	9409	11904	7189	7938	8550	7286	8023	8079	9162	7032
H412	10179	14301	11812	10622	8196	11505	10355	12721	8106	8883	9494	8229	8961	8927	9979	7756
H413	10157	14267	11783	10593	8187	11477	10336	12689	8094	8864	9476	8211	8938	8897	9948	7723
H414	10126	14223	11742	10554	8173	11440	10308	12647	8075	8838	9451	8186	8906	8856	9906	7679
H415	10108	14197	11718	10530	8165	11417	10291	12622	8063	8821	9435	8170	8886	8832	9880	7652
H416	10215	14259	11826	10639	8255	11526	10397	12727	8160	8926	9539	8274	8995	8939	9985	7752
H417	10313	14372	11945	10755	8313	11639	10488	12849	8230	9015	9625	8360	9097	9059	10108	7877
H418	10090	14171	11694	10507	8157	11394	10274	12597	8052	8806	9420	8155	8867	8807	9855	7626
H419	10165	14197	11763	10578	8228	11467	10350	12663	8125	8881	9495	8231	8942	8876	9921	7685
H420	10171	14190	11765	10580	8237	11470	10357	12663	8134	8888	9503	8238	8948	8878	9922	7684
H421	10226	14253	11832	10645	8270	11533	10408	12732	8174	8938	9551	8286	9005	8945	9990	7754
H422	10126	14160	11719	10534	8202	11423	10313	12617	8095	8845	9460	8195	8902	8831	9876	7640
H423	10139	14154	11726	10542	8218	11432	10326	12623	8110	8859	9474	8209	8914	8838	9882	7644
H424	10081	14092	11658	10475	8183	11367	10272	12553	8068	8807	9423	8158	8854	8770	9812	7573
H425	10039	14040	11605	10423	8160	11317	10233	12499	8040	8769	9386	8122	8810	8717	9758	7516
H426	9854	13988	11440	10254	7983	11143	10047	12343	7857	8583	9201	7936	8627	8553	9601	7377
H427	9629	13505	11075	9908	7966	10819	9856	11947	7781	8411	9041	7779	8380	8183	9208	6943
H428	9699	13310	11056	9903	8130	10828	9944	11902	7922	8509	9144	7885	8439	8161	9166	6865
H429	9776	13317	11120	9970	8208	10897	10021	11960	8001	8588	9223	7964	8515	8225	9225	6915
H430	9791	13301	11126	9977	8231	10906	10038	11963	8022	8605	9241	7982	8528	8230	9229	6915
H431	9840	13329	11176	10028	8270	10956	10086	12012	8065	8653	9288	8029	8578	8281	9279	6962
H432	9838	13443	11219	10063	8216	10985	10075	12067	8024	8636	9268	8008	8582	8324	9331	7031
H433	9877	13424	11242	10090	8266	11014	10116	12085	8072	8678	9312	8052	8619	8347	9351	7043
H434	9859	13468	11245	10089	8226	11010	10094	12094	8037	8654	9286	8025	8603	8350	9358	7059
H435	9752	13516	11177	10014	8091	10928	9980	12040	7907	8536	9166	7905	8500	8284	9302	7023
H436	9767	13505	11185	10023	8112	10939	9997	12046	7927	8554	9184	7923	8515	8292	9308	7025
H437	9733	13560	11179	10013	8050	10924	9957	12048	7871	8511	9140	7878	8484	8286	9309	7039
H438	9750	13585	11202	10035	8057	10945	9973	12072	7881	8525	9153	7891	8502	8309	9333	7064
H439	9763	13607	11222	10054	8061	10963	9985	12093	7888	8537	9164	7902	8517	8329	9354	7087
H440	9819	13702	11302	10131	8076	11036	10034	12179	7915	8582	9207	7944	8576	8410	9439	7178
H441	9855	13769	11356	10183	8085	11086	10066	12237	7931	8611	9235	7972	8615	8465	9497	7240

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## DECIBEL - Main Result

Calculation: V126 Day v25

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NSA	10	56	22	21	1	15	8	35	4	6	7	11	12	28	31	39
H442	9917	13865	11443	10266	8108	11166	10122	12328	7966	8664	9286	8022	8681	8553	9588	7337
H443	9965	13938	11508	10329	8127	11226	10165	12397	7994	8705	9325	8060	8732	8619	9656	7410
H444	10013	14008	11573	10392	8147	11286	10209	12465	8022	8746	9364	8100	8783	8684	9724	7481
H445	10579	14333	12139	10962	8625	11860	10766	13019	8534	9298	9912	8647	9354	9248	10279	8009
H446	10556	14330	12120	10942	8600	11839	10743	13001	8510	9274	9887	8623	9331	9229	10262	7993
H447	10478	14300	12047	10868	8526	11763	10664	12932	8433	9195	9809	8544	9253	9157	10191	7929
H448	10461	14313	12039	10859	8503	11753	10646	12926	8412	9177	9790	8526	9238	9149	10186	7927
H449	10450	14316	12031	10850	8488	11743	10634	12920	8398	9164	9777	8513	9226	9142	10179	7923
H450	10410	14350	12013	10828	8430	11718	10590	12907	8343	9119	9730	8466	9190	9124	10167	7920
H451	10622	14297	12160	10986	8688	11888	10813	13032	8592	9347	9962	8697	9393	9268	10294	8013
H452	11208	14887	12830	11648	9095	12538	11372	13715	9058	9893	10497	9233	9996	9941	10975	8701
H453	10639	14248	12155	10986	8728	11891	10835	13022	8627	9370	9987	8723	9407	9263	10284	7994
H454	10608	14211	12117	10948	8709	11854	10805	12982	8604	9342	9959	8695	9375	9224	10244	7954
H455	10531	14176	12044	10874	8640	11779	10729	12912	8532	9266	9884	8620	9298	9151	10173	7887
H456	10519	14092	12003	10838	8663	11747	10724	12864	8545	9264	9884	8620	9282	9110	10127	7831
H457	10504	14016	11963	10801	8679	11715	10714	12817	8552	9257	9879	8615	9263	9069	10081	7777
H458	10488	13955	11928	10769	8688	11685	10701	12777	8554	9247	9870	8607	9244	9033	10042	7731
H459	10499	13942	11932	10774	8706	11691	10714	12779	8570	9260	9884	8621	9254	9037	10044	7731
H460	10537	13917	11953	10798	8759	11718	10755	12794	8620	9303	9928	8665	9290	9058	10060	7739
H461	10557	13903	11963	10810	8786	11732	10777	12801	8646	9325	9951	8688	9309	9068	10068	7743
H462	10577	13888	11974	10823	8815	11746	10799	12809	8672	9348	9974	8711	9328	9079	10076	7747
H463	10625	13954	12036	10883	8839	11804	10843	12874	8704	9390	10015	8752	9378	9141	10141	7814
H464	10544	13848	11933	10783	8796	11707	10768	12767	8649	9319	9946	8683	9294	9038	10034	7704
H465	10499	13786	11874	10726	8774	11652	10726	12705	8620	9279	9907	8645	9247	8979	9973	7640
H466	10458	13746	11827	10679	8747	11606	10687	12657	8589	9242	9870	8608	9204	8931	9925	7591
H467	10406	13689	11764	10618	8715	11546	10638	12593	8551	9194	9824	8562	9151	8869	9861	7526
H468	10372	13637	11718	10573	8701	11503	10607	12543	8531	9166	9796	8535	9115	8822	9812	7474
H469	10324	13583	11660	10516	8673	11447	10563	12484	8498	9123	9754	8494	9066	8764	9753	7414
H470	10288	13545	11616	10473	8651	11405	10528	12439	8471	9090	9722	8462	9028	8721	9709	7368
H471	10202	13471	11520	10378	8592	11311	10446	12342	8403	9010	9644	8384	8940	8624	9611	7271
H472	10187	13355	11464	10329	8626	11268	10439	12275	8425	9009	9645	8387	8920	8569	9547	7194
H473	10131	13329	11409	10273	8578	11212	10384	12222	8374	8954	9591	8333	8864	8514	9494	7144
H474	10108	13301	11381	10246	8567	11185	10363	12193	8360	8935	9572	8314	8841	8485	9464	7113
H475	10110	13191	11340	10212	8618	11158	10374	12140	8399	8951	9591	8335	8838	8445	9415	7050
H476	10002	13108	11221	10094	8541	11040	10269	12021	8311	8850	9490	8236	8728	8326	9296	6932
H477	9971	13141	11209	10078	8494	11022	10235	12015	8268	8813	9453	8198	8699	8314	9288	6932
H478	10085	13112	11290	10166	8627	11115	10354	12084	8399	8936	9577	8323	8810	8395	9360	6988
H479	10106	13098	11301	10179	8655	11129	10376	12092	8425	8959	9600	8346	8830	8407	9369	6993
H480	10124	13087	11311	10191	8679	11142	10395	12099	8447	8979	9620	8367	8847	8417	9377	6998
H481	10141	13075	11321	10201	8702	11154	10414	12106	8469	8998	9640	8387	8864	8427	9385	7003
H482	10159	13059	11329	10211	8728	11165	10433	12111	8494	9018	9661	8408	8881	8436	9391	7005
H483	10199	13044	11356	10241	8777	11197	10476	12134	8542	9063	9705	8453	8920	8463	9415	7023
H484	10326	12958	11425	10322	8948	11286	10611	12184	8704	9205	9849	8599	9041	8535	9471	7057
H485	10331	12998	11445	10339	8937	11301	10614	12207	8697	9205	9849	8598	9048	8554	9493	7083
H486	10237	13078	11399	10284	8802	11239	10511	12177	8570	9097	9739	8486	8958	8506	9458	7066
H487	10204	13117	11387	10268	8750	11220	10475	12172	8522	9057	9699	8445	8927	8494	9451	7067
H488	10122	13154	11335	10210	8647	11158	10388	12130	8423	8968	9608	8353	8848	8440	9406	7035
H489	10450	13471	11718	10586	8857	11528	10700	12520	8669	9267	9902	8644	9184	8823	9795	7428
H490	10505	13517	11779	10647	8897	11588	10753	12582	8713	9319	9953	8694	9240	8884	9856	7489
H491	10421	13390	11664	10537	8861	11482	10676	12461	8664	9247	9884	8626	9152	8770	9737	7363
H492	11550	14594	12994	11843	9601	12763	11748	13822	9523	10284	10900	9635	10314	10099	11092	8743
H493	10605	13018	11673	10578	9218	11548	10892	12415	8981	9486	10131	8881	9319	8785	9709	7276
H494	11919	14076	13103	11998	10221	12958	12166	13849	10082	10728	11360	10099	10652	10213	11143	8704
H495	11858	12760	12592	11574	10670	12587	12192	13205	10403	10821	11474	10237	10552	9744	10562	8023
H496	11959	12847	12705	11685	10747	12697	12290	13319	10487	10916	11569	10330	10654	9856	10675	8137
H497	12168	11765	12496	11569	11385	12621	12570	12976	11029	11268	11931	10727	10846	9723	10422	7829



## DECIBEL - Detailed results

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

### Assumptions

Calculated L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet  
 (when calculated with ground attenuation, then Dc = Domega)

LWA,ref:	Sound pressure level at WTG
K:	Pure tone
Dc:	Directivity correction
Adiv:	the attenuation due to geometrical divergence
Aatm:	the attenuation due to atmospheric absorption
Agr:	the attenuation due to ground effect
Abar:	the attenuation due to a barrier
Amisc:	the attenuation due to miscellaneous other effects
Cmet:	Meteorological correction

### Calculation Results

#### Noise sensitive area: H048 H048

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,669	18,669	-5.82	108.5	0.00	96.42	-	-	0.00	0.00	-	0.00
2	18,586	18,586	-5.76	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
3	18,579	18,579	-5.75	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
4	17,881	17,881	-5.24	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
5	18,239	18,239	-5.51	108.5	0.00	96.22	-	-	0.00	0.00	-	0.00
6	17,047	17,047	-4.59	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
7	17,614	17,614	-5.03	108.5	0.00	95.92	-	-	0.00	0.00	-	0.00
8	17,629	17,629	-5.05	108.5	0.00	95.92	-	-	0.00	0.00	-	0.00
9	18,045	18,045	-5.36	108.5	0.00	96.13	-	-	0.00	0.00	-	0.00
10	16,899	16,899	-4.47	108.5	0.00	95.56	-	-	0.00	0.00	-	0.00
11	16,881	16,882	-4.46	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
12	15,835	15,835	-3.59	108.5	0.00	94.99	-	-	0.00	0.00	-	0.00
13	16,069	16,069	-3.79	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
14	15,404	15,404	-3.21	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
15	15,393	15,393	-3.20	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
16	14,626	14,626	-2.50	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
17	14,800	14,800	-2.66	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
18	14,831	14,831	-2.69	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
19	13,871	13,871	-1.76	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
20	14,227	14,227	-2.11	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
21	14,418	14,418	-2.30	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
22	14,377	14,377	-2.26	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
23	14,481	14,481	-2.36	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
24	13,265	13,266	-1.14	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
25	13,120	13,120	-0.99	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
26	13,037	13,037	-0.90	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
27	12,383	12,383	-0.17	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
28	13,198	13,198	-1.07	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
29	12,646	12,646	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
30	13,042	13,042	-0.90	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
31	12,801	12,802	-0.64	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
32	12,468	12,468	-0.27	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
33	12,684	12,684	-0.51	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
34	13,422	13,422	-1.31	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
35	13,676	13,676	-1.57	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
36	11,488	11,488	0.89	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
37	11,702	11,703	0.63	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
38	10,623	10,623	2.01	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
39	11,255	11,255	1.18	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
40	11,663	11,663	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
41	10,834	10,834	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
42	11,308	11,308	<b>1.12</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
43	9,648	9,648	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
44	9,656	9,656	<b>3.40</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
45	9,400	9,401	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
46	8,253	8,253	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
47	7,758	7,758	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
48	7,565	7,565	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
49	6,405	6,406	<b>9.47</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
50	7,261	7,261	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
51	6,622	6,622	<b>8.97</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
52	5,455	5,455	<b>11.84</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
53	4,855	4,855	<b>13.54</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
54	4,993	4,993	<b>13.13</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
55	6,150	6,150	<b>10.07</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
56	5,175	5,176	<b>12.61</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
57	2,998	2,999	<b>20.20</b>	108.5	0.00	80.54	-	-	0.00	0.00	-	0.00
58	2,924	2,925	<b>20.52</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
59	3,822	3,823	<b>16.94</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
60	4,230	4,230	<b>15.52</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00

Sum 26.64

- Data undefined due to calculation with octave data

### Noise sensitive area: H049 H049

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,218	19,218	<b>-6.21</b>	108.5	0.00	96.67	-	-	0.00	0.00	-	0.00
2	19,106	19,106	<b>-6.13</b>	108.5	0.00	96.62	-	-	0.00	0.00	-	0.00
3	19,055	19,055	<b>-6.09</b>	108.5	0.00	96.60	-	-	0.00	0.00	-	0.00
4	18,395	18,395	<b>-5.62</b>	108.5	0.00	96.29	-	-	0.00	0.00	-	0.00
5	18,629	18,629	<b>-5.79</b>	108.5	0.00	96.40	-	-	0.00	0.00	-	0.00
6	17,455	17,455	<b>-4.91</b>	108.5	0.00	95.84	-	-	0.00	0.00	-	0.00
7	17,995	17,995	<b>-5.32</b>	108.5	0.00	96.10	-	-	0.00	0.00	-	0.00
8	17,937	17,937	<b>-5.28</b>	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
9	18,300	18,300	<b>-5.55</b>	108.5	0.00	96.25	-	-	0.00	0.00	-	0.00
10	17,187	17,187	<b>-4.70</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
11	17,337	17,337	<b>-4.82</b>	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
12	16,186	16,186	<b>-3.89</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00
13	16,292	16,292	<b>-3.98</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
14	15,569	15,569	<b>-3.36</b>	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
15	15,495	15,495	<b>-3.29</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
16	15,039	15,039	<b>-2.88</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
17	15,171	15,171	<b>-3.00</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
18	15,163	15,163	<b>-2.99</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
19	14,175	14,175	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
20	14,464	14,464	<b>-2.34</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
21	14,568	14,568	<b>-2.44</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
22	14,409	14,409	<b>-2.29</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
23	14,420	14,420	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
24	13,890	13,890	<b>-1.78</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
25	13,708	13,708	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
26	13,580	13,580	<b>-1.47</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
27	12,797	12,797	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
28	13,480	13,480	<b>-1.37</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
29	12,973	12,973	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
30	13,257	13,258	<b>-1.13</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	12,971	12,971	-0.83	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
32	12,593	12,593	-0.41	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
33	12,769	12,769	-0.61	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
34	13,479	13,479	-1.36	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
35	13,589	13,589	-1.48	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
36	12,185	12,185	0.05	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
37	12,346	12,346	-0.13	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
38	11,076	11,076	1.41	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
39	11,651	11,651	0.69	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
40	11,988	11,988	0.28	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
41	11,155	11,155	1.31	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
42	11,546	11,546	0.82	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
43	10,192	10,193	2.61	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
44	10,103	10,104	2.74	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
45	9,770	9,771	3.23	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
46	8,935	8,935	4.53	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
47	8,375	8,376	5.49	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
48	7,825	7,826	6.49	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
49	6,303	6,303	9.71	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
50	6,925	6,926	8.31	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
51	6,177	6,178	10.00	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
52	5,361	5,361	12.10	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
53	4,662	4,663	14.13	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
54	4,665	4,665	14.12	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
55	5,716	5,717	11.15	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
56	4,600	4,601	14.32	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
57	3,243	3,244	19.17	108.5	0.00	81.22	-	-	0.00	0.00	-	0.00
58	2,963	2,964	20.35	108.5	0.00	80.44	-	-	0.00	0.00	-	0.00
59	3,264	3,265	19.08	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
60	3,511	3,512	18.10	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00

Sum 27.11

- Data undefined due to calculation with octave data

## Noise sensitive area: H050 H050

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,939	18,939	-6.01	108.5	0.00	96.55	-	-	0.00	0.00	-	0.00
2	18,819	18,819	-5.93	108.5	0.00	96.49	-	-	0.00	0.00	-	0.00
3	18,758	18,758	-5.88	108.5	0.00	96.46	-	-	0.00	0.00	-	0.00
4	18,107	18,107	-5.41	108.5	0.00	96.16	-	-	0.00	0.00	-	0.00
5	18,314	18,315	-5.56	108.5	0.00	96.26	-	-	0.00	0.00	-	0.00
6	17,144	17,144	-4.67	108.5	0.00	95.68	-	-	0.00	0.00	-	0.00
7	17,679	17,679	-5.08	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
8	17,606	17,606	-5.03	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
9	17,961	17,961	-5.30	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
10	16,854	16,854	-4.44	108.5	0.00	95.53	-	-	0.00	0.00	-	0.00
11	17,037	17,037	-4.58	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
12	15,865	15,865	-3.61	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
13	15,948	15,948	-3.68	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
14	15,217	15,217	-3.04	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
15	15,133	15,133	-2.97	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
16	14,732	14,732	-2.60	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
17	14,855	14,855	-2.71	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
18	14,839	14,839	-2.70	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
19	13,847	13,847	-1.74	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
20	14,123	14,123	-2.01	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
21	14,214	14,214	-2.10	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
22	14,039	14,039	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
23	14,039	14,039	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
24	13,635	13,635	-1.52	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
25	13,443	13,443	-1.33	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
26	13,304	13,304	-1.18	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
27	12,492	12,492	-0.30	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
28	13,148	13,149	-1.02	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
29	12,650	12,650	-0.48	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
30	12,915	12,915	-0.77	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
31	12,621	12,621	-0.44	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
32	12,237	12,237	-0.01	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
33	12,407	12,407	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
34	13,112	13,112	-0.98	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
35	13,206	13,206	-1.08	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
36	11,952	11,953	0.33	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
37	12,098	12,098	0.16	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
38	10,782	10,782	1.80	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
39	11,343	11,344	1.07	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
40	11,666	11,667	0.67	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
41	10,833	10,833	1.73	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
42	11,209	11,209	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
43	9,922	9,923	3.00	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
44	9,810	9,810	3.17	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
45	9,461	9,462	3.69	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
46	8,705	8,706	4.92	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
47	8,129	8,130	5.93	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
48	7,500	7,500	7.12	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
49	5,926	5,927	10.62	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
50	6,528	6,528	9.18	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
51	5,776	5,777	11.00	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
52	4,989	4,989	13.15	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
53	4,281	4,282	15.35	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
54	4,272	4,272	15.38	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
55	5,316	5,316	12.22	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
56	4,198	4,199	15.62	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
57	2,952	2,953	20.40	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
58	2,635	2,637	21.85	108.5	0.00	79.42	-	-	0.00	0.00	-	0.00
59	2,862	2,864	20.80	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
60	3,112	3,113	19.72	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00

Sum 28.45

- Data undefined due to calculation with octave data

### Noise sensitive area: H051 H051

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,232	19,233	-6.22	108.5	0.00	96.68	-	-	0.00	0.00	-	0.00
2	19,086	19,086	-6.12	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
3	18,982	18,982	-6.04	108.5	0.00	96.57	-	-	0.00	0.00	-	0.00
4	18,370	18,371	-5.60	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
5	18,458	18,458	-5.67	108.5	0.00	96.32	-	-	0.00	0.00	-	0.00
6	17,311	17,311	-4.80	108.5	0.00	95.77	-	-	0.00	0.00	-	0.00
7	17,818	17,818	-5.19	108.5	0.00	96.02	-	-	0.00	0.00	-	0.00
8	17,675	17,676	-5.08	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
9	17,978	17,978	-5.31	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
10	16,909	16,909	-4.48	108.5	0.00	95.56	-	-	0.00	0.00	-	0.00
11	17,251	17,251	-4.75	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
12	15,986	15,986	-3.72	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
13	15,947	15,947	<b>-3.68</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
14	15,167	15,167	<b>-3.00</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
15	15,025	15,025	<b>-2.87</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
16	14,920	14,920	<b>-2.77</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
17	15,003	15,003	<b>-2.85</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
18	14,949	14,949	<b>-2.80</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
19	13,939	13,940	<b>-1.83</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
20	14,149	14,149	<b>-2.04</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
21	14,158	14,158	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
22	13,874	13,874	<b>-1.77</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
23	13,787	13,787	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
24	14,035	14,035	<b>-1.93</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
25	13,809	13,809	<b>-1.70</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
26	13,628	13,628	<b>-1.52</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
27	12,702	12,702	<b>-0.53</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
28	13,226	13,226	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
29	12,775	12,775	<b>-0.61</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
30	12,932	12,932	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
31	12,599	12,599	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
32	12,176	12,176	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
33	12,306	12,306	<b>-0.09</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
34	12,978	12,978	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
35	12,936	12,936	<b>-0.79</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
36	12,437	12,438	<b>-0.24</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
37	12,530	12,530	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
38	11,049	11,050	<b>1.45</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
39	11,549	11,549	<b>0.81</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
40	11,801	11,801	<b>0.51</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
41	10,975	10,975	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
42	11,267	11,267	<b>1.17</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
43	10,289	10,289	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
44	10,087	10,088	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
45	9,672	9,672	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
46	9,222	9,223	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
47	8,598	8,599	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
48	7,653	7,653	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
49	5,788	5,788	<b>10.97</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
50	6,134	6,135	<b>10.11</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
51	5,299	5,300	<b>12.27</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
52	4,910	4,910	<b>13.38</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
53	4,153	4,154	<b>15.78</b>	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
54	4,001	4,002	<b>16.30</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
55	4,869	4,870	<b>13.50</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
56	3,661	3,662	<b>17.53</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
57	3,408	3,409	<b>18.50</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
58	2,964	2,965	<b>20.35</b>	108.5	0.00	80.44	-	-	0.00	0.00	-	0.00
59	2,485	2,487	<b>22.67</b>	108.5	0.00	78.91	-	-	0.00	0.00	-	0.00
60	2,496	2,497	<b>22.61</b>	108.5	0.00	78.95	-	-	0.00	0.00	-	0.00

Sum 29.09

- Data undefined due to calculation with octave data

### Noise sensitive area: H052 H052

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,856	19,856	<b>-6.65</b>	108.5	0.00	96.96	-	-	0.00	0.00	-	0.00
2	19,689	19,689	<b>-6.53</b>	108.5	0.00	96.88	-	-	0.00	0.00	-	0.00
3	19,553	19,553	<b>-6.44</b>	108.5	0.00	96.82	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
4	18,973	18,973	-6.04	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
5	18,969	18,969	-6.03	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
6	17,843	17,843	-5.21	108.5	0.00	96.03	-	-	0.00	0.00	-	0.00
7	18,327	18,327	-5.57	108.5	0.00	96.26	-	-	0.00	0.00	-	0.00
8	18,128	18,128	-5.42	108.5	0.00	96.17	-	-	0.00	0.00	-	0.00
9	18,388	18,388	-5.61	108.5	0.00	96.29	-	-	0.00	0.00	-	0.00
10	17,353	17,353	-4.83	108.5	0.00	95.79	-	-	0.00	0.00	-	0.00
11	17,819	17,819	-5.19	108.5	0.00	96.02	-	-	0.00	0.00	-	0.00
12	16,487	16,487	-4.14	108.5	0.00	95.34	-	-	0.00	0.00	-	0.00
13	16,349	16,349	-4.02	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
14	15,531	15,531	-3.32	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
15	15,340	15,340	-3.15	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
16	15,477	15,477	-3.27	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
17	15,528	15,528	-3.32	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
18	15,445	15,445	-3.25	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
19	14,426	14,426	-2.31	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
20	14,581	14,582	-2.46	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
21	14,521	14,521	-2.40	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
22	14,145	14,145	-2.03	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
23	13,981	13,981	-1.87	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
24	14,750	14,750	-2.61	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
25	14,501	14,501	-2.38	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
26	14,291	14,291	-2.18	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
27	13,286	13,286	-1.16	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
28	13,705	13,705	-1.60	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
29	13,294	13,294	-1.17	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
30	13,364	13,364	-1.24	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
31	13,000	13,000	-0.86	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
32	12,549	12,549	-0.36	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
33	12,644	12,644	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
34	13,282	13,282	-1.16	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
35	13,119	13,119	-0.99	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
36	13,216	13,216	-1.09	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
37	13,273	13,274	-1.15	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
38	11,686	11,687	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
39	12,137	12,137	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
40	12,333	12,334	-0.12	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
41	11,519	11,519	0.85	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
42	11,744	11,744	0.58	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
43	11,000	11,001	1.51	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
44	10,738	10,738	1.86	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
45	10,279	10,279	2.49	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
46	10,038	10,039	2.83	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
47	9,390	9,390	3.81	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
48	8,242	8,242	5.72	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
49	6,190	6,191	9.97	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
50	6,297	6,298	9.72	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
51	5,408	5,408	11.97	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
52	5,391	5,391	12.01	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
53	4,631	4,632	14.22	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
54	4,370	4,371	15.05	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
55	5,026	5,027	13.04	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
56	3,799	3,799	17.02	108.5	0.00	82.59	-	-	0.00	0.00	-	0.00
57	4,289	4,290	15.32	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
58	3,805	3,806	17.00	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
59	2,906	2,907	20.61	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
60	2,677	2,678	21.64	108.5	0.00	79.56	-	-	0.00	0.00	-	0.00

Sum 27.50

- Data undefined due to calculation with octave data

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H053 H053

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	20,522	20,522	-7.09	108.5	0.00	97.24	-	-	0.00	0.00	-	0.00
2	20,314	20,314	-6.95	108.5	0.00	97.16	-	-	0.00	0.00	-	0.00
3	20,114	20,114	-6.82	108.5	0.00	97.07	-	-	0.00	0.00	-	0.00
4	19,602	19,602	-6.47	108.5	0.00	96.85	-	-	0.00	0.00	-	0.00
5	19,411	19,411	-6.34	108.5	0.00	96.76	-	-	0.00	0.00	-	0.00
6	18,337	18,337	-5.58	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
7	18,771	18,771	-5.89	108.5	0.00	96.47	-	-	0.00	0.00	-	0.00
8	18,464	18,464	-5.67	108.5	0.00	96.33	-	-	0.00	0.00	-	0.00
9	18,636	18,637	-5.80	108.5	0.00	96.41	-	-	0.00	0.00	-	0.00
10	17,679	17,679	-5.08	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
11	18,386	18,387	-5.61	108.5	0.00	96.29	-	-	0.00	0.00	-	0.00
12	16,932	16,932	-4.50	108.5	0.00	95.57	-	-	0.00	0.00	-	0.00
13	16,602	16,602	-4.23	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
14	15,721	15,721	-3.49	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
15	15,439	15,439	-3.24	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
16	16,044	16,044	-3.77	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
17	16,032	16,032	-3.76	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
18	15,892	15,892	-3.64	108.5	0.00	95.02	-	-	0.00	0.00	-	0.00
19	14,868	14,868	-2.72	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
20	14,915	14,915	-2.77	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
21	14,723	14,724	-2.59	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
22	14,177	14,177	-2.07	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
23	13,869	13,869	-1.76	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
24	15,648	15,648	-3.42	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
25	15,354	15,354	-3.17	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
26	15,087	15,087	-2.92	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
27	13,934	13,935	-1.83	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
28	14,142	14,142	-2.03	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
29	13,814	13,814	-1.71	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
30	13,714	13,714	-1.61	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
31	13,297	13,297	-1.17	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
32	12,799	12,799	-0.64	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
33	12,826	12,826	-0.67	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
34	13,390	13,390	-1.27	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
35	13,002	13,002	-0.86	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
36	14,264	14,264	-2.15	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
37	14,246	14,246	-2.13	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
38	12,465	12,465	-0.27	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
39	12,811	12,811	-0.65	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
40	12,896	12,896	-0.75	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
41	12,118	12,118	0.13	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
42	12,208	12,208	0.03	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
43	11,940	11,941	0.34	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
44	11,562	11,562	0.80	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
45	11,026	11,026	1.48	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
46	11,208	11,209	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
47	10,521	10,521	2.15	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
48	9,011	9,011	4.41	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
49	6,722	6,722	8.75	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
50	6,392	6,393	9.50	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
51	5,481	5,482	11.77	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
52	6,118	6,119	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
53	5,424	5,424	11.92	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
54	5,014	5,015	13.07	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
55	5,229	5,230	12.46	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
56	4,148	4,149	15.79	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
57	5,762	5,762	11.03	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
58	5,246	5,247	12.41	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
59	3,877	3,878	16.74	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
60	3,371	3,372	18.65	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00

Sum 25.00

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H080 H080

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	19,296	19,296	-6.26	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
	2	19,066	19,066	-6.10	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
	3	18,833	18,833	-5.94	108.5	0.00	96.50	-	-	0.00	0.00	-	0.00
	4	18,359	18,360	-5.59	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
	5	18,074	18,074	-5.38	108.5	0.00	96.14	-	-	0.00	0.00	-	0.00
	6	17,030	17,030	-4.58	108.5	0.00	95.62	-	-	0.00	0.00	-	0.00
	7	17,437	17,437	-4.90	108.5	0.00	95.83	-	-	0.00	0.00	-	0.00
	8	17,082	17,082	-4.62	108.5	0.00	95.65	-	-	0.00	0.00	-	0.00
	9	17,218	17,219	-4.73	108.5	0.00	95.72	-	-	0.00	0.00	-	0.00
	10	16,296	16,296	-3.98	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	11	17,116	17,116	-4.65	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
	12	15,606	15,606	-3.39	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	13	15,193	15,193	-3.02	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	14	14,291	14,291	-2.18	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
	15	13,976	13,976	-1.87	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	16	14,785	14,785	-2.65	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	17	14,740	14,741	-2.60	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	18	14,573	14,573	-2.45	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	19	13,552	13,552	-1.44	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	20	13,548	13,548	-1.44	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	21	13,303	13,303	-1.18	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	22	12,697	12,697	-0.53	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	23	12,347	12,347	-0.13	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	24	14,593	14,593	-2.47	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	25	14,271	14,271	-2.16	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	26	13,969	13,969	-1.86	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	27	12,736	12,737	-0.57	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	28	12,828	12,828	-0.67	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	29	12,546	12,546	-0.36	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	30	12,363	12,363	-0.15	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	31	11,924	11,924	0.36	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	32	11,409	11,410	0.99	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	33	11,408	11,408	0.99	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	34	11,940	11,940	0.34	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	35	11,482	11,482	0.90	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	36	13,332	13,332	-1.21	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	37	13,257	13,257	-1.13	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	38	11,362	11,363	1.05	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	39	11,639	11,640	0.70	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	40	11,658	11,658	0.68	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	41	10,910	10,910	1.63	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	42	10,925	10,926	1.61	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	43	10,955	10,955	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	44	10,501	10,501	2.18	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	45	9,922	9,923	3.00	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	46	10,417	10,417	2.30	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	47	9,709	9,710	3.32	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	48	7,963	7,963	6.23	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	49	5,596	5,596	11.47	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	50	5,035	5,035	13.01	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	51	4,152	4,153	15.78	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
	52	5,157	5,158	12.66	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	53	4,562	4,562	14.44	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
	54	4,080	4,081	16.03	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
	55	3,987	3,988	16.35	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
	56	3,108	3,109	19.73	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
	57	5,468	5,468	11.81	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	58	4,964	4,965	13.22	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	59	3,363	3,365	18.68	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
	60	2,749	2,751	21.31	108.5	0.00	79.79	-	-	0.00	0.00	-	0.00

Sum 27.67



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H081 H081

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,732	19,733	-6.56	108.5	0.00	96.90	-	-	0.00	0.00	-	0.00
2	19,505	19,505	-6.41	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00
3	19,275	19,275	-6.25	108.5	0.00	96.70	-	-	0.00	0.00	-	0.00
4	18,798	18,798	-5.91	108.5	0.00	96.48	-	-	0.00	0.00	-	0.00
5	18,520	18,520	-5.71	108.5	0.00	96.35	-	-	0.00	0.00	-	0.00
6	17,473	17,474	-4.93	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
7	17,882	17,883	-5.24	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
8	17,530	17,530	-4.97	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
9	17,668	17,668	-5.08	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
10	16,744	16,744	-4.35	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
11	17,556	17,557	-4.99	108.5	0.00	95.89	-	-	0.00	0.00	-	0.00
12	16,051	16,051	-3.77	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
13	15,642	15,642	-3.42	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
14	14,740	14,740	-2.60	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
15	14,425	14,425	-2.31	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
16	15,224	15,224	-3.05	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
17	15,183	15,183	-3.01	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
18	15,017	15,018	-2.86	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
19	13,996	13,996	-1.89	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
20	13,995	13,995	-1.89	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
21	13,752	13,752	-1.64	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
22	13,145	13,145	-1.01	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
23	12,792	12,792	-0.63	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
24	15,006	15,007	-2.85	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
25	14,688	14,688	-2.56	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
26	14,391	14,391	-2.27	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
27	13,168	13,168	-1.04	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
28	13,272	13,272	-1.15	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
29	12,986	12,986	-0.84	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
30	12,809	12,809	-0.65	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
31	12,372	12,372	-0.16	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
32	11,858	11,858	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
33	11,857	11,857	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
34	12,389	12,389	-0.18	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
35	11,927	11,927	0.36	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
36	13,724	13,725	-1.62	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
37	13,659	13,660	-1.55	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
38	11,781	11,781	0.53	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
39	12,067	12,068	0.19	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
40	12,094	12,094	0.16	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
41	11,342	11,342	1.07	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
42	11,366	11,366	1.04	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
43	11,355	11,355	1.06	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
44	10,913	10,913	1.63	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
45	10,340	10,341	2.40	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
46	10,781	10,782	1.80	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
47	10,077	10,077	2.78	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
48	8,370	8,371	5.50	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
49	6,011	6,012	10.41	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
50	5,479	5,480	11.77	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
51	4,593	4,594	14.34	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
52	5,542	5,543	11.61	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
53	4,924	4,924	13.34	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
54	4,454	4,455	14.78	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
55	4,416	4,417	14.91	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
56	3,496	3,497	18.16	108.5	0.00	81.87	-	-	0.00	0.00	-	0.00
57	5,706	5,707	11.18	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
58	5,195	5,196	12.55	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
59	3,633	3,634	17.64	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
60	3,034	3,035	20.05	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00

Sum 26.48

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H082 H082

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,236	18,236	-5.50	108.5	0.00	96.22	-	-	0.00	0.00	-	0.00
2	18,048	18,048	-5.36	108.5	0.00	96.13	-	-	0.00	0.00	-	0.00
3	17,881	17,881	-5.24	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
4	17,333	17,333	-4.82	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
5	17,244	17,244	-4.75	108.5	0.00	95.73	-	-	0.00	0.00	-	0.00
6	16,138	16,138	-3.85	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
7	16,602	16,602	-4.23	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
8	16,363	16,363	-4.03	108.5	0.00	95.28	-	-	0.00	0.00	-	0.00
9	16,595	16,595	-4.23	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
10	15,583	15,583	-3.37	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
11	16,147	16,147	-3.85	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
12	14,759	14,759	-2.62	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
13	14,555	14,555	-2.43	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
14	13,718	13,718	-1.61	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
15	13,506	13,506	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
16	13,801	13,801	-1.69	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
17	13,824	13,824	-1.72	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
18	13,717	13,717	-1.61	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
19	12,694	12,694	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
20	12,809	12,809	-0.65	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
21	12,710	12,710	-0.54	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
22	12,297	12,297	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
23	12,114	12,114	0.14	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
24	13,267	13,267	-1.14	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
25	12,987	12,987	-0.84	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
26	12,739	12,739	-0.57	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
27	11,647	11,647	0.69	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
28	11,969	11,969	0.31	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
29	11,592	11,592	0.76	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
30	11,595	11,595	0.76	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
31	11,213	11,213	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
32	10,746	10,746	1.85	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
33	10,824	10,824	1.74	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
34	11,447	11,447	0.94	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
35	11,251	11,252	1.19	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
36	11,846	11,847	0.45	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
37	11,843	11,844	0.46	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
38	10,118	10,118	2.72	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
39	10,509	10,509	2.17	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
40	10,648	10,649	1.98	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
41	9,849	9,850	3.11	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
42	10,013	10,014	2.87	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
43	9,541	9,542	3.57	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
44	9,196	9,197	4.11	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
45	8,687	8,687	4.95	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
46	8,776	8,777	4.80	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
47	8,090	8,090	6.00	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
48	6,655	6,655	8.90	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
49	4,456	4,457	14.78	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
50	4,437	4,437	14.84	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
51	3,539	3,540	17.99	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
52	3,754	3,755	17.19	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
53	3,029	3,030	20.07	108.5	0.00	80.63	-	-	0.00	0.00	-	0.00
54	2,667	2,668	21.69	108.5	0.00	79.52	-	-	0.00	0.00	-	0.00
55	3,172	3,173	19.46	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
56	1,956	1,958	25.90	108.5	0.00	76.83	-	-	0.00	0.00	-	0.00
57	3,452	3,453	18.33	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
58	2,938	2,939	20.46	108.5	0.00	80.36	-	-	0.00	0.00	-	0.00
59	1,449	1,452	29.71	108.5	0.00	74.24	-	-	0.00	0.00	-	0.00
60	956	960	34.63	108.5	0.00	70.64	-	-	0.00	0.00	-	0.00

Sum 36.98

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H083 H083

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	19,580	19,580	-6.46	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00
	2	19,405	19,406	-6.34	108.5	0.00	96.76	-	-	0.00	0.00	-	0.00
	3	19,258	19,258	-6.24	108.5	0.00	96.69	-	-	0.00	0.00	-	0.00
	4	18,690	18,690	-5.83	108.5	0.00	96.43	-	-	0.00	0.00	-	0.00
	5	18,653	18,653	-5.81	108.5	0.00	96.41	-	-	0.00	0.00	-	0.00
	6	17,535	17,535	-4.97	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
	7	18,011	18,011	-5.34	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
	8	17,795	17,795	-5.17	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
	9	18,042	18,042	-5.36	108.5	0.00	96.13	-	-	0.00	0.00	-	0.00
	10	17,018	17,018	-4.57	108.5	0.00	95.62	-	-	0.00	0.00	-	0.00
	11	17,524	17,524	-4.96	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
	12	16,169	16,170	-3.87	108.5	0.00	95.17	-	-	0.00	0.00	-	0.00
	13	16,002	16,002	-3.73	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
	14	15,174	15,175	-3.00	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	15	14,971	14,972	-2.82	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	16	15,179	15,179	-3.01	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	17	15,220	15,220	-3.04	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	18	15,127	15,127	-2.96	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
	19	14,106	14,106	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	20	14,244	14,245	-2.13	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	21	14,165	14,165	-2.05	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	22	13,767	13,767	-1.66	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	23	13,586	13,586	-1.47	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	24	14,518	14,518	-2.39	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	25	14,259	14,259	-2.15	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	26	14,036	14,037	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	27	13,001	13,001	-0.86	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	28	13,383	13,384	-1.27	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	29	12,986	12,986	-0.84	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	30	13,028	13,028	-0.89	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	31	12,655	12,656	-0.48	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	32	12,197	12,197	0.04	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	33	12,283	12,283	-0.06	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	34	12,912	12,913	-0.76	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	35	12,723	12,723	-0.56	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	36	13,017	13,018	-0.88	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	37	13,056	13,057	-0.92	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	38	11,424	11,424	0.97	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	39	11,855	11,855	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	40	12,031	12,031	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	41	11,221	11,222	1.23	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	42	11,423	11,424	0.97	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	43	10,772	10,772	1.81	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	44	10,483	10,484	2.20	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	45	10,007	10,007	2.88	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	46	9,865	9,866	3.08	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	47	9,205	9,205	4.10	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	48	7,969	7,969	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	49	5,863	5,863	10.78	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	50	5,909	5,909	10.66	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	51	5,012	5,012	13.08	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	52	5,093	5,094	12.84	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	53	4,340	4,341	15.15	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	54	4,047	4,047	16.14	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	55	4,642	4,643	14.19	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
	56	3,421	3,421	18.46	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	57	4,188	4,189	15.66	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
	58	3,687	3,688	17.43	108.5	0.00	82.34	-	-	0.00	0.00	-	0.00
	59	2,626	2,628	21.90	108.5	0.00	79.39	-	-	0.00	0.00	-	0.00
	60	2,331	2,332	23.55	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00

Sum 28.74

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H084 H084

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,786	18,786	-5.90	108.5	0.00	96.48	-	-	0.00	0.00	-	0.00
2	18,624	18,624	-5.79	108.5	0.00	96.40	-	-	0.00	0.00	-	0.00
3	18,498	18,498	-5.69	108.5	0.00	96.34	-	-	0.00	0.00	-	0.00
4	17,908	17,909	-5.26	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
5	17,933	17,933	-5.28	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
6	16,800	16,800	-4.39	108.5	0.00	95.51	-	-	0.00	0.00	-	0.00
7	17,292	17,292	-4.78	108.5	0.00	95.76	-	-	0.00	0.00	-	0.00
8	17,115	17,115	-4.65	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
9	17,394	17,394	-4.86	108.5	0.00	95.81	-	-	0.00	0.00	-	0.00
10	16,344	16,344	-4.02	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
11	16,764	16,764	-4.36	108.5	0.00	95.49	-	-	0.00	0.00	-	0.00
12	15,454	15,454	-3.25	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
13	15,358	15,358	-3.17	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
14	14,557	14,557	-2.43	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
15	14,392	14,392	-2.27	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
16	14,424	14,424	-2.31	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
17	14,486	14,486	-2.36	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
18	14,414	14,414	-2.30	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
19	13,398	13,398	-1.28	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
20	13,575	13,576	-1.46	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
21	13,547	13,547	-1.43	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
22	13,220	13,220	-1.09	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
23	13,102	13,102	-0.97	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
24	13,663	13,664	-1.55	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
25	13,417	13,417	-1.30	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
26	13,212	13,212	-1.08	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
27	12,224	12,225	0.01	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
28	12,679	12,680	-0.51	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
29	12,253	12,253	-0.03	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
30	12,357	12,357	-0.14	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
31	12,007	12,007	0.26	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
32	11,569	11,569	0.79	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
33	11,681	11,682	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
34	12,338	12,338	-0.12	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
35	12,246	12,246	-0.02	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
36	12,127	12,127	0.12	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
37	12,184	12,185	0.05	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
38	10,611	10,612	2.03	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
39	11,074	11,074	1.42	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
40	11,287	11,287	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
41	10,468	10,469	2.22	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
42	10,717	10,717	1.89	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
43	9,914	9,914	3.01	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
44	9,660	9,660	3.39	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
45	9,210	9,210	4.09	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
46	8,952	8,953	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
47	8,301	8,302	5.62	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
48	7,175	7,175	7.78	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
49	5,186	5,186	12.58	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
50	5,427	5,427	11.92	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
51	4,571	4,571	14.41	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
52	4,351	4,352	15.12	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
53	3,589	3,590	17.80	108.5	0.00	82.10	-	-	0.00	0.00	-	0.00
54	3,372	3,373	18.65	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
55	4,154	4,155	15.77	108.5	0.00	83.37	-	-	0.00	0.00	-	0.00
56	2,932	2,933	20.49	108.5	0.00	80.35	-	-	0.00	0.00	-	0.00
57	3,232	3,234	19.21	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
58	2,737	2,738	21.37	108.5	0.00	79.75	-	-	0.00	0.00	-	0.00
59	1,869	1,871	26.49	108.5	0.00	76.44	-	-	0.00	0.00	-	0.00
60	1,765	1,768	27.23	108.5	0.00	75.95	-	-	0.00	0.00	-	0.00

Sum 32.10

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H085 H085

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,019	18,019	-5.34	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
2	17,851	17,851	-5.21	108.5	0.00	96.03	-	-	0.00	0.00	-	0.00
3	17,715	17,715	-5.11	108.5	0.00	95.97	-	-	0.00	0.00	-	0.00
4	17,135	17,135	-4.66	108.5	0.00	95.68	-	-	0.00	0.00	-	0.00
5	17,137	17,137	-4.66	108.5	0.00	95.68	-	-	0.00	0.00	-	0.00
6	16,008	16,008	-3.74	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
7	16,496	16,496	-4.14	108.5	0.00	95.35	-	-	0.00	0.00	-	0.00
8	16,311	16,311	-3.99	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00
9	16,585	16,585	-4.22	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
10	15,538	15,538	-3.33	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
11	15,981	15,981	-3.71	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
12	14,657	14,657	-2.53	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
13	14,548	14,548	-2.42	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
14	13,745	13,745	-1.64	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
15	13,579	13,579	-1.47	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
16	13,639	13,639	-1.53	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
17	13,694	13,694	-1.58	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
18	13,616	13,616	-1.51	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
19	12,599	12,599	-0.42	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
20	12,769	12,769	-0.61	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
21	12,735	12,735	-0.57	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
22	12,408	12,408	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
23	12,296	12,296	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
24	12,936	12,937	-0.79	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
25	12,680	12,680	-0.51	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
26	12,462	12,462	-0.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
27	11,448	11,448	0.94	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
28	11,879	11,879	0.41	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
29	11,460	11,460	0.92	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
30	11,550	11,550	0.81	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
31	11,197	11,197	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
32	10,757	10,757	1.83	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
33	10,869	10,869	1.68	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
34	11,526	11,526	0.84	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
35	11,442	11,442	0.95	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
36	11,437	11,438	0.95	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
37	11,474	11,474	0.91	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
38	9,853	9,854	3.10	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
39	10,299	10,299	2.46	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
40	10,497	10,498	2.18	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
41	9,682	9,682	3.36	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
42	9,917	9,917	3.01	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
43	9,190	9,190	4.12	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
44	8,908	8,909	4.58	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
45	8,442	8,443	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
46	8,297	8,298	5.63	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
47	7,631	7,631	6.87	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
48	6,405	6,405	9.47	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
49	4,377	4,377	15.03	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
50	4,629	4,629	14.23	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
51	3,787	3,787	17.07	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
52	3,556	3,556	17.93	108.5	0.00	82.02	-	-	0.00	0.00	-	0.00
53	2,795	2,796	21.10	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
54	2,561	2,562	22.25	108.5	0.00	79.17	-	-	0.00	0.00	-	0.00
55	3,360	3,361	18.70	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
56	2,149	2,150	24.65	108.5	0.00	77.65	-	-	0.00	0.00	-	0.00
57	2,735	2,736	21.38	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
58	2,219	2,221	24.22	108.5	0.00	77.93	-	-	0.00	0.00	-	0.00
59	1,069	1,072	33.35	108.5	0.00	71.60	-	-	0.00	0.00	-	0.00
60	984	987	34.31	108.5	0.00	70.89	-	-	0.00	0.00	-	0.00

Sum 37.90

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H086 H086

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,726	17,726	-5.12	108.5	0.00	95.97	-	-	0.00	0.00	-	0.00
2	17,580	17,581	-5.01	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00
3	17,481	17,481	-4.93	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
4	16,865	16,865	-4.45	108.5	0.00	95.54	-	-	0.00	0.00	-	0.00
5	16,970	16,970	-4.53	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
6	15,818	15,818	-3.57	108.5	0.00	94.98	-	-	0.00	0.00	-	0.00
7	16,331	16,331	-4.01	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
8	16,206	16,206	-3.90	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
9	16,526	16,526	-4.17	108.5	0.00	95.36	-	-	0.00	0.00	-	0.00
10	15,444	15,444	-3.24	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
11	15,750	15,750	-3.51	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
12	14,502	14,502	-2.38	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
13	14,500	14,500	-2.38	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
14	13,739	13,739	-1.63	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
15	13,625	13,625	-1.51	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
16	13,422	13,422	-1.31	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
17	13,513	13,513	-1.40	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
18	13,467	13,467	-1.35	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
19	12,461	12,461	-0.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
20	12,691	12,691	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
21	12,732	12,732	-0.57	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
22	12,503	12,503	-0.31	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
23	12,470	12,470	-0.27	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
24	12,533	12,533	-0.34	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
25	12,304	12,304	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
26	12,121	12,121	0.13	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
27	11,200	11,201	1.25	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
28	11,752	11,752	0.57	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
29	11,288	11,288	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
30	11,476	11,476	0.91	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
31	11,157	11,158	1.31	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
32	10,750	10,750	1.84	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
33	10,899	10,899	1.64	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
34	11,589	11,589	0.77	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
35	11,630	11,630	0.72	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
36	10,952	10,953	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
37	11,034	11,034	1.47	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
38	9,543	9,543	3.57	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
39	10,047	10,048	2.82	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
40	10,311	10,311	2.44	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
41	9,483	9,483	3.66	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
42	9,796	9,796	3.19	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
43	8,785	8,786	4.78	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
44	8,580	8,581	5.13	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
45	8,169	8,169	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
46	7,753	7,753	6.63	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
47	7,116	7,117	7.90	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
48	6,155	6,155	10.06	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
49	4,385	4,385	15.01	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
50	4,920	4,920	13.35	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
51	4,168	4,169	15.73	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
52	3,471	3,472	18.26	108.5	0.00	81.81	-	-	0.00	0.00	-	0.00
53	2,733	2,734	21.39	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
54	2,674	2,675	21.66	108.5	0.00	79.55	-	-	0.00	0.00	-	0.00
55	3,706	3,707	17.36	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
56	2,611	2,612	21.98	108.5	0.00	79.34	-	-	0.00	0.00	-	0.00
57	1,988	1,989	25.68	108.5	0.00	76.97	-	-	0.00	0.00	-	0.00
58	1,502	1,505	29.26	108.5	0.00	74.55	-	-	0.00	0.00	-	0.00
59	1,259	1,262	31.42	108.5	0.00	73.02	-	-	0.00	0.00	-	0.00
60	1,604	1,606	28.45	108.5	0.00	75.11	-	-	0.00	0.00	-	0.00

Sum 36.05

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H087 H087

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	18,370	18,371	-5.60	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00
	2	18,238	18,238	-5.50	108.5	0.00	96.22	-	-	0.00	0.00	-	0.00
	3	18,157	18,157	-5.44	108.5	0.00	96.18	-	-	0.00	0.00	-	0.00
	4	17,524	17,524	-4.96	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
	5	17,678	17,678	-5.08	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
	6	16,517	16,517	-4.16	108.5	0.00	95.36	-	-	0.00	0.00	-	0.00
	7	17,040	17,041	-4.59	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
	8	16,940	16,940	-4.51	108.5	0.00	95.58	-	-	0.00	0.00	-	0.00
	9	17,276	17,276	-4.77	108.5	0.00	95.75	-	-	0.00	0.00	-	0.00
	10	16,182	16,182	-3.88	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00
	11	16,430	16,430	-4.09	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
	12	15,218	15,218	-3.04	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	13	15,256	15,256	-3.08	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	14	14,509	14,509	-2.39	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	15	14,408	14,408	-2.29	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	16	14,112	14,112	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	17	14,218	14,218	-2.11	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	18	14,187	14,187	-2.08	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	19	13,187	13,187	-1.06	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	20	13,439	13,439	-1.32	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	21	13,503	13,503	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	22	13,298	13,298	-1.18	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	23	13,279	13,279	-1.16	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	24	13,119	13,120	-0.99	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	25	12,909	12,909	-0.76	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	26	12,747	12,747	-0.58	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	27	11,880	11,880	0.41	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	28	12,482	12,483	-0.29	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	29	12,002	12,002	0.27	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	30	12,227	12,227	0.01	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	31	11,920	11,920	0.37	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	32	11,523	11,523	0.85	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	33	11,681	11,682	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	34	12,379	12,379	-0.17	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	35	12,441	12,441	-0.24	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	36	11,486	11,486	0.89	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	37	11,599	11,600	0.75	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	38	10,194	10,195	2.61	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	39	10,728	10,728	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	40	11,021	11,021	1.48	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	41	10,190	10,190	2.62	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	42	10,533	10,533	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	43	9,384	9,385	3.81	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	44	9,226	9,226	4.06	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	45	8,845	8,846	4.68	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	46	8,255	8,255	5.70	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	47	7,647	7,648	6.83	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	48	6,854	6,854	8.46	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	49	5,179	5,180	12.60	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	50	5,740	5,741	11.09	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	51	4,984	4,984	13.16	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
	52	4,253	4,253	15.44	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
	53	3,528	3,529	18.04	108.5	0.00	81.95	-	-	0.00	0.00	-	0.00
	54	3,492	3,493	18.18	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	55	4,524	4,524	14.56	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	56	3,407	3,408	18.51	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
	57	2,435	2,436	22.95	108.5	0.00	78.73	-	-	0.00	0.00	-	0.00
	58	2,035	2,037	25.37	108.5	0.00	77.18	-	-	0.00	0.00	-	0.00
	59	2,070	2,071	25.15	108.5	0.00	77.33	-	-	0.00	0.00	-	0.00
	60	2,337	2,338	23.51	108.5	0.00	78.38	-	-	0.00	0.00	-	0.00

Sum 31.66

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H088 H088

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	17,383	17,383	<b>-4.86</b>	108.5	0.00	95.80	-	-	0.00	0.00	-	0.00
	2	17,254	17,254	<b>-4.75</b>	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
	3	17,180	17,180	<b>-4.70</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
	4	16,540	16,540	<b>-4.18</b>	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
	5	16,718	16,718	<b>-4.33</b>	108.5	0.00	95.46	-	-	0.00	0.00	-	0.00
	6	15,552	15,552	<b>-3.34</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	7	16,082	16,082	<b>-3.80</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	8	16,001	16,001	<b>-3.73</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
	9	16,353	16,353	<b>-4.03</b>	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
	10	15,247	15,247	<b>-3.07</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
	11	15,455	15,455	<b>-3.26</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	12	14,264	14,264	<b>-2.15</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	13	14,341	14,341	<b>-2.23</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	14	13,612	13,612	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	15	13,536	13,536	<b>-1.42</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	16	13,142	13,143	<b>-1.01</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	17	13,258	13,258	<b>-1.13</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	18	13,237	13,237	<b>-1.11</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	19	12,243	12,243	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	20	12,516	12,516	<b>-0.32</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	21	12,610	12,610	<b>-0.43</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	22	12,455	12,455	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	23	12,481	12,481	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	24	12,124	12,124	<b>0.12</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	25	11,914	11,915	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	26	11,756	11,757	<b>0.56</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	27	10,907	10,907	<b>1.63</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	28	11,543	11,543	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	29	11,049	11,049	<b>1.45</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	30	11,307	11,307	<b>1.12</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	31	11,016	11,016	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	32	10,635	10,635	<b>2.00</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	33	10,810	10,811	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	34	11,522	11,522	<b>0.85</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	35	11,656	11,656	<b>0.68</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	36	10,491	10,491	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	37	10,603	10,603	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	38	9,211	9,211	<b>4.09</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	39	9,756	9,756	<b>3.25</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	40	10,066	10,066	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	41	9,233	9,233	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	42	9,602	9,602	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	43	8,390	8,390	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	44	8,241	8,242	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	45	7,873	7,873	<b>6.40</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	46	7,263	7,264	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	47	6,652	6,653	<b>8.90</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	48	5,898	5,898	<b>10.69</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	49	4,360	4,361	<b>15.09</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	50	5,089	5,090	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	51	4,422	4,423	<b>14.89</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
	52	3,413	3,413	<b>18.49</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
	53	2,738	2,738	<b>21.37</b>	108.5	0.00	79.75	-	-	0.00	0.00	-	0.00
	54	2,813	2,813	<b>21.02</b>	108.5	0.00	79.98	-	-	0.00	0.00	-	0.00
	55	3,951	3,952	<b>16.48</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
	56	2,986	2,986	<b>20.26</b>	108.5	0.00	80.50	-	-	0.00	0.00	-	0.00
	57	1,442	1,444	<b>29.77</b>	108.5	0.00	74.19	-	-	0.00	0.00	-	0.00
	58	1,046	1,049	<b>33.61</b>	108.5	0.00	71.42	-	-	0.00	0.00	-	0.00
	59	1,652	1,654	<b>28.07</b>	108.5	0.00	75.37	-	-	0.00	0.00	-	0.00
	60	2,145	2,147	<b>24.67</b>	108.5	0.00	77.63	-	-	0.00	0.00	-	0.00

Sum 36.84



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H090 H090

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,131	18,131	-5.42	108.5	0.00	96.17	-	-	0.00	0.00	-	0.00
2	18,009	18,009	-5.33	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
3	17,944	17,944	-5.29	108.5	0.00	96.08	-	-	0.00	0.00	-	0.00
4	17,296	17,296	-4.79	108.5	0.00	95.76	-	-	0.00	0.00	-	0.00
5	17,497	17,497	-4.94	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
6	16,327	16,327	-4.01	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
7	16,862	16,862	-4.44	108.5	0.00	95.54	-	-	0.00	0.00	-	0.00
8	16,790	16,790	-4.38	108.5	0.00	95.50	-	-	0.00	0.00	-	0.00
9	17,147	17,147	-4.67	108.5	0.00	95.68	-	-	0.00	0.00	-	0.00
10	16,038	16,038	-3.76	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
11	16,222	16,222	-3.92	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
12	15,048	15,048	-2.89	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
13	15,136	15,136	-2.97	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
14	14,409	14,410	-2.29	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
15	14,334	14,334	-2.22	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
16	13,915	13,915	-1.81	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
17	14,038	14,038	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
18	14,022	14,022	-1.91	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
19	13,030	13,030	-0.89	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
20	13,310	13,310	-1.19	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
21	13,408	13,408	-1.29	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
22	13,250	13,250	-1.12	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
23	13,268	13,269	-1.14	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
24	12,841	12,841	-0.69	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
25	12,643	12,643	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
26	12,498	12,498	-0.30	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
27	11,676	11,677	0.66	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
28	12,332	12,332	-0.12	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
29	11,833	11,833	0.47	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
30	12,102	12,102	0.15	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
31	11,812	11,813	0.49	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
32	11,432	11,432	0.96	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
33	11,608	11,608	0.74	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
34	12,318	12,318	-0.10	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
35	12,440	12,440	-0.24	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
36	11,175	11,176	1.28	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
37	11,309	11,309	1.11	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
38	9,969	9,969	2.93	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
39	10,527	10,527	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
40	10,849	10,849	1.71	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
41	10,016	10,016	2.87	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
42	10,394	10,394	2.33	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
43	9,120	9,121	4.23	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
44	8,998	8,998	4.43	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
45	8,645	8,645	5.02	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
46	7,934	7,934	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
47	7,345	7,345	7.43	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
48	6,682	6,683	8.84	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
49	5,148	5,149	12.69	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
50	5,824	5,824	10.88	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
51	5,115	5,115	12.78	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
52	4,204	4,205	15.61	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
53	3,515	3,516	18.09	108.5	0.00	81.92	-	-	0.00	0.00	-	0.00
54	3,550	3,551	17.95	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
55	4,647	4,647	14.17	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
56	3,596	3,597	17.78	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
57	2,146	2,148	24.66	108.5	0.00	77.64	-	-	0.00	0.00	-	0.00
58	1,818	1,820	26.85	108.5	0.00	76.20	-	-	0.00	0.00	-	0.00
59	2,237	2,239	24.11	108.5	0.00	78.00	-	-	0.00	0.00	-	0.00
60	2,604	2,606	22.02	108.5	0.00	79.32	-	-	0.00	0.00	-	0.00

Sum 31.91

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H091 H091

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,240	17,240	-4.74	108.5	0.00	95.73	-	-	0.00	0.00	-	0.00
2	17,140	17,140	-4.67	108.5	0.00	95.68	-	-	0.00	0.00	-	0.00
3	17,111	17,111	-4.64	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
4	16,432	16,432	-4.09	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
5	16,735	16,735	-4.34	108.5	0.00	95.47	-	-	0.00	0.00	-	0.00
6	15,549	15,549	-3.34	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
7	16,106	16,106	-3.82	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
8	16,097	16,098	-3.81	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
9	16,501	16,501	-4.15	108.5	0.00	95.35	-	-	0.00	0.00	-	0.00
10	15,362	15,362	-3.17	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
11	15,403	15,403	-3.21	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
12	14,315	14,315	-2.20	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
13	14,517	14,518	-2.39	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
14	13,844	13,844	-1.74	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
15	13,827	13,827	-1.72	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
16	13,128	13,128	-1.00	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
17	13,287	13,287	-1.16	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
18	13,305	13,305	-1.18	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
19	12,336	12,336	-0.12	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
20	12,677	12,677	-0.50	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
21	12,856	12,856	-0.70	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
22	12,811	12,811	-0.65	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
23	12,922	12,922	-0.77	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
24	11,882	11,882	0.41	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
25	11,711	11,712	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
26	11,601	11,601	0.75	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
27	10,883	10,883	1.66	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
28	11,657	11,657	0.68	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
29	11,116	11,116	1.36	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
30	11,487	11,487	0.89	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
31	11,240	11,241	1.20	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
32	10,903	10,903	1.64	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
33	11,118	11,118	1.36	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
34	11,856	11,856	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
35	12,122	12,122	0.13	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
36	10,158	10,158	2.66	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
37	10,331	10,331	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
38	9,137	9,137	4.21	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
39	9,747	9,747	3.26	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
40	10,132	10,132	2.70	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
41	9,300	9,301	3.95	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
42	9,756	9,756	3.25	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
43	8,208	8,209	5.78	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
44	8,166	8,167	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
45	7,880	7,880	6.39	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
46	6,908	6,908	8.34	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
47	6,362	6,363	9.57	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
48	6,012	6,012	10.41	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
49	4,873	4,874	13.49	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
50	5,815	5,815	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
51	5,252	5,253	12.40	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
52	3,929	3,930	16.56	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
53	3,380	3,381	18.62	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
54	3,591	3,591	17.80	108.5	0.00	82.11	-	-	0.00	0.00	-	0.00
55	4,784	4,785	13.75	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
56	3,957	3,957	16.46	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
57	1,432	1,434	29.86	108.5	0.00	74.13	-	-	0.00	0.00	-	0.00
58	1,420	1,422	29.96	108.5	0.00	74.06	-	-	0.00	0.00	-	0.00
59	2,689	2,690	21.59	108.5	0.00	79.60	-	-	0.00	0.00	-	0.00
60	3,228	3,229	19.23	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00

Sum 34.10

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H092 H092

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,677	16,677	-4.29	108.5	0.00	95.44	-	-	0.00	0.00	-	0.00
	2	16,590	16,590	-4.22	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
	3	16,581	16,581	-4.21	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
	4	15,885	15,885	-3.63	108.5	0.00	95.02	-	-	0.00	0.00	-	0.00
	5	16,245	16,245	-3.94	108.5	0.00	95.21	-	-	0.00	0.00	-	0.00
	6	15,051	15,051	-2.89	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	7	15,620	15,620	-3.40	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	8	15,649	15,649	-3.43	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
	9	16,079	16,079	-3.80	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
	10	14,924	14,924	-2.77	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
	11	14,883	14,883	-2.74	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	12	13,847	13,847	-1.74	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	13	14,115	14,115	-2.01	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	14	13,474	13,474	-1.36	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	15	13,492	13,492	-1.38	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	16	12,631	12,631	-0.45	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	17	12,809	12,809	-0.65	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	18	12,848	12,848	-0.69	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	19	11,895	11,895	0.40	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	20	12,271	12,271	-0.05	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	21	12,497	12,497	-0.30	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	22	12,519	12,520	-0.33	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	23	12,686	12,686	-0.51	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	24	11,287	11,287	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	25	11,133	11,133	1.34	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	26	11,043	11,043	1.46	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	27	10,388	10,388	2.34	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	28	11,229	11,229	1.22	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	29	10,666	10,666	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	30	11,096	11,096	1.39	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	31	10,876	10,876	1.67	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	32	10,565	10,565	2.09	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	33	10,803	10,803	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	34	11,554	11,554	0.81	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	35	11,905	11,905	0.38	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	36	9,533	9,534	3.58	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	37	9,728	9,728	3.29	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	38	8,625	8,625	5.05	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	39	9,263	9,264	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	40	9,685	9,686	3.35	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	41	8,859	8,859	4.66	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	42	9,359	9,359	3.85	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	43	7,652	7,652	6.82	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	44	7,660	7,660	6.81	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	45	7,416	7,417	7.29	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	46	6,288	6,288	9.74	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	47	5,771	5,772	11.01	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
	48	5,627	5,627	11.38	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	49	4,765	4,765	13.81	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	50	5,844	5,844	10.83	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	51	5,379	5,379	12.05	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	52	3,854	3,855	16.82	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	53	3,421	3,421	18.46	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	54	3,723	3,723	17.30	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
	55	4,923	4,924	13.34	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	56	4,247	4,247	15.46	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
	57	1,314	1,317	30.90	108.5	0.00	73.39	-	-	0.00	0.00	-	0.00
	58	1,556	1,558	28.83	108.5	0.00	74.85	-	-	0.00	0.00	-	0.00
	59	3,090	3,091	19.81	108.5	0.00	80.80	-	-	0.00	0.00	-	0.00
	60	3,677	3,678	17.47	108.5	0.00	82.31	-	-	0.00	0.00	-	0.00

Sum 34.03

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H093 H093

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,448	16,448	-4.11	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
2	16,373	16,373	-4.04	108.5	0.00	95.28	-	-	0.00	0.00	-	0.00
3	16,382	16,382	-4.05	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
4	15,671	15,672	-3.45	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
5	16,081	16,081	-3.80	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
6	14,882	14,882	-2.74	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
7	15,461	15,461	-3.26	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
8	15,521	15,521	-3.31	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
9	15,971	15,971	-3.70	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
10	14,805	14,805	-2.66	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
11	14,695	14,695	-2.56	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
12	13,704	13,704	-1.59	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
13	14,026	14,026	-1.92	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
14	13,411	13,411	-1.29	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
15	13,455	13,455	-1.34	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
16	12,464	12,465	-0.27	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
17	12,660	12,661	-0.49	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
18	12,716	12,716	-0.55	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
19	11,777	11,777	0.54	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
20	12,182	12,182	0.06	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
21	12,444	12,444	-0.24	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
22	12,516	12,516	-0.33	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
23	12,721	12,721	-0.55	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
24	11,032	11,033	1.47	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
25	10,894	10,895	1.65	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
26	10,824	10,824	1.74	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
27	10,228	10,228	2.56	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
28	11,124	11,124	1.35	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
29	10,544	10,544	2.12	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
30	11,021	11,021	1.48	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
31	10,822	10,822	1.75	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
32	10,532	10,532	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
33	10,786	10,786	1.79	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
34	11,545	11,545	0.82	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
35	11,955	11,955	0.32	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
36	9,250	9,250	4.03	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
37	9,468	9,468	3.69	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
38	8,454	8,455	5.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
39	9,116	9,116	4.24	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
40	9,568	9,568	3.53	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
41	8,748	8,748	4.85	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
42	9,283	9,283	3.97	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
43	7,442	7,443	7.24	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
44	7,497	7,497	7.13	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
45	7,292	7,292	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
46	6,016	6,017	10.39	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
47	5,535	5,536	11.63	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
48	5,578	5,578	11.51	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
49	4,920	4,920	13.35	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
50	6,071	6,072	10.26	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
51	5,662	5,663	11.29	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
52	4,043	4,043	16.16	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
53	3,681	3,682	17.46	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
54	4,025	4,025	16.22	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
55	5,216	5,217	12.50	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
56	4,614	4,615	14.28	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
57	1,585	1,587	28.59	108.5	0.00	75.01	-	-	0.00	0.00	-	0.00
58	1,921	1,923	26.13	108.5	0.00	76.68	-	-	0.00	0.00	-	0.00
59	3,509	3,510	18.11	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
60	4,108	4,109	15.93	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00

Sum 31.97

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H094 H094

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,670	17,670	-5.08	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
2	17,628	17,628	-5.04	108.5	0.00	95.92	-	-	0.00	0.00	-	0.00
3	17,684	17,684	-5.09	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
4	16,938	16,938	-4.50	108.5	0.00	95.58	-	-	0.00	0.00	-	0.00
5	17,469	17,469	-4.92	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
6	16,262	16,262	-3.95	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
7	16,860	16,860	-4.44	108.5	0.00	95.54	-	-	0.00	0.00	-	0.00
8	16,982	16,982	-4.54	108.5	0.00	95.60	-	-	0.00	0.00	-	0.00
9	17,470	17,470	-4.92	108.5	0.00	95.85	-	-	0.00	0.00	-	0.00
10	16,286	16,286	-3.97	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
11	16,028	16,028	-3.75	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
12	15,142	15,142	-2.97	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
13	15,559	15,559	-3.35	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
14	14,985	14,985	-2.83	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
15	15,064	15,064	-2.90	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
16	13,858	13,858	-1.75	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
17	14,090	14,090	-1.98	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
18	14,178	14,178	-2.07	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
19	13,270	13,270	-1.15	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
20	13,719	13,719	-1.61	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
21	14,034	14,034	-1.93	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
22	14,164	14,164	-2.05	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
23	14,402	14,402	-2.28	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
24	12,206	12,207	0.03	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
25	12,117	12,118	0.13	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
26	12,101	12,101	0.15	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
27	11,645	11,645	0.70	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
28	12,640	12,640	-0.46	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
29	12,032	12,032	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
30	12,583	12,583	-0.40	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
31	12,414	12,414	-0.21	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
32	12,151	12,151	0.09	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
33	12,422	12,422	-0.22	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
34	13,188	13,189	-1.06	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
35	13,647	13,647	-1.54	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
36	10,348	10,349	2.39	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
37	10,638	10,638	1.99	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
38	9,862	9,862	3.09	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
39	10,566	10,566	2.09	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
40	11,070	11,070	1.42	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
41	10,265	10,266	2.51	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
42	10,851	10,851	1.71	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
43	8,775	8,775	4.80	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
44	8,929	8,930	4.54	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
45	8,797	8,798	4.76	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
46	7,209	7,210	7.71	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
47	6,834	6,834	8.50	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
48	7,201	7,202	7.73	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
49	6,640	6,640	8.93	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
50	7,764	7,764	6.61	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
51	7,304	7,305	7.52	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
52	5,753	5,754	11.06	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
53	5,346	5,347	12.14	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
54	5,645	5,645	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
55	6,847	6,847	8.48	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
56	6,116	6,116	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
57	3,237	3,238	19.19	108.5	0.00	81.21	-	-	0.00	0.00	-	0.00
58	3,460	3,461	18.30	108.5	0.00	81.78	-	-	0.00	0.00	-	0.00
59	4,874	4,875	13.48	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
60	5,413	5,413	11.95	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00

Sum 25.17

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H095 H095

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,011	16,011	<b>-3.74</b>	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
2	15,997	15,997	<b>-3.73</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
3	16,097	16,097	<b>-3.81</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
4	15,321	15,321	<b>-3.14</b>	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
5	15,975	15,975	<b>-3.71</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
6	14,764	14,764	<b>-2.63</b>	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
7	15,383	15,383	<b>-3.19</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
8	15,588	15,588	<b>-3.37</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
9	16,131	16,131	<b>-3.84</b>	108.5	0.00	95.15	-	-	0.00	0.00	-	0.00
10	14,925	14,925	<b>-2.78</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
11	14,481	14,482	<b>-2.36</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
12	13,726	13,726	<b>-1.62</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
13	14,292	14,292	<b>-2.18</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
14	13,803	13,803	<b>-1.69</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
15	13,962	13,962	<b>-1.85</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
16	12,395	12,395	<b>-0.19</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
17	12,671	12,671	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
18	12,805	12,805	<b>-0.65</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
19	11,952	11,952	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
20	12,476	12,476	<b>-0.28</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
21	12,895	12,895	<b>-0.74</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
22	13,180	13,180	<b>-1.05</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
23	13,540	13,541	<b>-1.43</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
24	10,540	10,540	<b>2.13</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
25	10,492	10,492	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
26	10,525	10,525	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
27	10,235	10,235	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
28	11,368	11,368	<b>1.04</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
29	10,721	10,721	<b>1.88</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
30	11,401	11,401	<b>1.00</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
31	11,298	11,298	<b>1.13</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
32	11,106	11,106	<b>1.37</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
33	11,423	11,423	<b>0.97</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
34	12,201	12,201	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
35	12,846	12,846	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
36	8,643	8,644	<b>5.02</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
37	8,984	8,984	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
38	8,466	8,467	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
39	9,218	9,218	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
40	9,796	9,796	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
41	9,031	9,032	<b>4.38</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
42	9,704	9,704	<b>3.33</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
43	7,307	7,308	<b>7.51</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
44	7,588	7,589	<b>6.95</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
45	7,574	7,575	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
46	5,640	5,640	<b>11.35</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
47	5,388	5,389	<b>12.02</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
48	6,287	6,288	<b>9.74</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
49	6,382	6,383	<b>9.52</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
50	7,703	7,704	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
51	7,458	7,459	<b>7.20</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
52	5,648	5,649	<b>11.33</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
53	5,486	5,486	<b>11.76</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
54	5,909	5,910	<b>10.66</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
55	7,048	7,048	<b>8.05</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
56	6,626	6,626	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
57	3,559	3,560	<b>17.92</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
58	3,989	3,990	<b>16.34</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
59	5,618	5,619	<b>11.41</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
60	6,227	6,228	<b>9.88</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00

Sum 24.87

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H096 H096

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,592	16,592	-4.22	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
2	16,561	16,561	-4.20	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
3	16,634	16,634	-4.26	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
4	15,876	15,876	-3.62	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
5	16,456	16,457	-4.11	108.5	0.00	95.33	-	-	0.00	0.00	-	0.00
6	15,247	15,247	-3.07	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
7	15,855	15,855	-3.60	108.5	0.00	95.00	-	-	0.00	0.00	-	0.00
8	16,012	16,013	-3.74	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00
9	16,525	16,525	-4.17	108.5	0.00	95.36	-	-	0.00	0.00	-	0.00
10	15,330	15,330	-3.14	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
11	14,993	14,993	-2.84	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
12	14,161	14,161	-2.05	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
13	14,645	14,645	-2.52	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
14	14,110	14,110	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
15	14,228	14,228	-2.12	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
16	12,856	12,856	-0.70	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
17	13,106	13,107	-0.97	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
18	13,215	13,215	-1.09	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
19	12,330	12,330	-0.11	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
20	12,814	12,814	-0.66	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
21	13,178	13,178	-1.05	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
22	13,384	13,384	-1.27	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
23	13,684	13,684	-1.58	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
24	11,123	11,123	1.35	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
25	11,049	11,049	1.45	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
26	11,051	11,051	1.45	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
27	10,662	10,662	1.96	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
28	11,720	11,720	0.61	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
29	11,093	11,093	1.39	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
30	11,705	11,705	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
31	11,566	11,566	0.79	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
32	11,337	11,337	1.08	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
33	11,631	11,632	0.71	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
34	12,405	12,405	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
35	12,959	12,959	-0.81	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
36	9,250	9,251	4.02	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
37	9,558	9,558	3.55	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
38	8,882	8,882	4.62	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
39	9,608	9,608	3.47	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
40	10,146	10,146	2.68	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
41	9,357	9,357	3.86	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
42	9,984	9,985	2.91	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
43	7,761	7,762	6.61	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
44	7,969	7,970	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
45	7,889	7,889	6.37	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
46	6,152	6,152	10.07	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
47	5,821	5,822	10.88	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
48	6,429	6,430	9.41	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
49	6,209	6,210	9.93	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
50	7,456	7,457	7.21	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
51	7,120	7,120	7.90	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
52	5,399	5,399	11.99	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
53	5,131	5,131	12.74	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
54	5,510	5,511	11.69	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
55	6,687	6,687	8.83	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
56	6,141	6,142	10.09	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
57	3,085	3,086	19.83	108.5	0.00	80.79	-	-	0.00	0.00	-	0.00
58	3,452	3,454	18.33	108.5	0.00	81.77	-	-	0.00	0.00	-	0.00
59	5,039	5,039	13.00	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
60	5,631	5,632	11.37	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00

Sum 25.74

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H097 H097

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,289	16,290	-3.97	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	2	16,290	16,290	-3.97	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	3	16,410	16,410	-4.07	108.5	0.00	95.30	-	-	0.00	0.00	-	0.00
	4	15,621	15,621	-3.40	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	5	16,327	16,327	-4.00	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
	6	15,116	15,116	-2.95	108.5	0.00	94.59	-	-	0.00	0.00	-	0.00
	7	15,742	15,743	-3.51	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
	8	15,975	15,975	-3.71	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
	9	16,534	16,534	-4.18	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
	10	15,324	15,324	-3.14	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
	11	14,815	14,815	-2.67	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	12	14,110	14,110	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	13	14,718	14,718	-2.58	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	14	14,251	14,251	-2.14	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	15	14,428	14,428	-2.31	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	16	12,764	12,764	-0.60	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	17	13,055	13,055	-0.92	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	18	13,204	13,204	-1.08	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	19	12,369	12,369	-0.16	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	20	12,912	12,912	-0.76	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	21	13,355	13,355	-1.24	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	22	13,670	13,670	-1.56	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	23	14,049	14,049	-1.94	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	24	10,825	10,826	1.74	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	25	10,798	10,799	1.78	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	26	10,855	10,855	1.70	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	27	10,628	10,628	2.01	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	28	11,799	11,799	0.51	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	29	11,143	11,143	1.33	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	30	11,853	11,853	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	31	11,766	11,766	0.55	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	32	11,588	11,588	0.77	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	33	11,913	11,913	0.37	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	34	12,692	12,692	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	35	13,364	13,364	-1.24	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	36	8,914	8,914	4.57	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	37	9,281	9,282	3.98	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	38	8,871	8,871	4.64	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	39	9,633	9,634	3.43	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	40	10,230	10,230	2.56	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	41	9,478	9,479	3.67	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	42	10,169	10,169	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	43	7,694	7,694	6.74	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	44	8,013	8,014	6.14	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	45	8,030	8,030	6.11	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	46	5,998	5,999	10.44	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	47	5,796	5,797	10.95	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	48	6,807	6,807	8.56	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	49	6,948	6,949	8.26	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	50	8,270	8,270	5.67	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	51	8,020	8,020	6.13	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	52	6,214	6,215	9.92	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	53	6,044	6,044	10.33	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	54	6,462	6,462	9.34	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	55	7,606	7,607	6.91	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	56	7,161	7,161	7.81	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	57	4,091	4,092	15.99	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
	58	4,505	4,506	14.62	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	59	6,122	6,123	10.14	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	60	6,726	6,726	8.74	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00

Sum 23.61



Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H112 H112

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,456	14,456	-2.34	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	2	14,417	14,418	-2.30	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	3	14,484	14,484	-2.36	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	4	13,730	13,730	-1.62	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	5	14,307	14,307	-2.19	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	6	13,097	13,097	-0.96	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	7	13,706	13,707	-1.60	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	8	13,879	13,879	-1.77	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	9	14,406	14,406	-2.29	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	10	13,205	13,205	-1.08	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	11	12,841	12,841	-0.69	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	12	12,023	12,023	0.24	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	13	12,550	12,550	-0.36	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	14	12,051	12,051	0.21	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	15	12,207	12,207	0.03	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	16	10,709	10,709	1.90	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	17	10,967	10,967	1.55	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	18	11,087	11,087	1.40	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	19	10,218	10,218	2.57	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	20	10,730	10,730	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	21	11,140	11,141	1.33	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	22	11,431	11,431	0.96	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	23	11,808	11,808	0.50	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	24	8,991	8,992	4.44	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	25	8,906	8,906	4.58	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	26	8,900	8,901	4.59	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	27	8,525	8,525	5.23	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	28	9,625	9,625	3.44	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	29	8,984	8,985	4.45	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	30	9,648	9,648	3.41	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	31	9,543	9,543	3.57	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	32	9,353	9,353	3.86	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	33	9,674	9,674	3.37	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	34	10,453	10,453	2.25	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	35	11,127	11,128	1.35	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	36	7,138	7,138	7.86	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	37	7,423	7,424	7.28	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	38	6,748	6,749	8.69	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	39	7,487	7,488	7.15	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	40	8,051	8,052	6.07	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	41	7,281	7,281	7.56	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	42	7,949	7,949	6.26	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	43	5,614	5,615	11.42	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	44	5,853	5,853	10.80	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	45	5,821	5,822	10.88	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
	46	4,002	4,003	16.30	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
	47	3,677	3,678	17.47	108.5	0.00	82.31	-	-	0.00	0.00	-	0.00
	48	4,575	4,576	14.40	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	49	4,991	4,992	13.14	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	50	6,389	6,390	9.50	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	51	6,306	6,307	9.70	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	52	4,406	4,407	14.94	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	53	4,448	4,448	14.80	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	54	4,937	4,937	13.30	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	55	5,951	5,951	10.56	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	56	5,805	5,806	10.92	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	57	2,994	2,996	20.22	108.5	0.00	80.53	-	-	0.00	0.00	-	0.00
	58	3,508	3,510	18.11	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
	59	5,092	5,092	12.85	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	60	5,711	5,712	11.16	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00

Sum 27.79

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H113 H113

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,539	15,539	-3.33	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
2	15,536	15,536	-3.33	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
3	15,651	15,651	-3.43	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
4	14,865	14,865	-2.72	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
5	15,563	15,563	-3.35	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
6	14,353	14,353	-2.24	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
7	14,978	14,979	-2.83	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
8	15,213	15,213	-3.04	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
9	15,774	15,774	-3.53	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
10	14,563	14,563	-2.44	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
11	14,052	14,052	-1.94	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
12	13,346	13,346	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
13	13,963	13,963	-1.86	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
14	13,505	13,505	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
15	13,692	13,692	-1.58	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
16	12,000	12,000	0.27	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
17	12,292	12,292	-0.07	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
18	12,442	12,442	-0.24	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
19	11,612	11,612	0.74	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
20	12,161	12,161	0.08	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
21	12,615	12,615	-0.44	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
22	12,952	12,952	-0.81	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
23	13,353	13,353	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
24	10,072	10,072	2.78	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
25	10,040	10,040	2.83	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
26	10,093	10,093	2.75	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
27	9,866	9,867	3.08	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
28	11,046	11,046	1.45	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
29	10,387	10,388	2.34	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
30	11,111	11,111	1.37	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
31	11,032	11,032	1.47	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
32	10,865	10,865	1.69	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
33	11,197	11,197	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
34	11,976	11,976	0.30	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
35	12,681	12,681	-0.51	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
36	8,164	8,164	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
37	8,525	8,525	5.23	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
38	8,112	8,112	5.96	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
39	8,877	8,877	4.63	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
40	9,480	9,480	3.67	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
41	8,734	8,734	4.87	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
42	9,434	9,434	3.74	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
43	6,932	6,932	8.29	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
44	7,260	7,260	7.61	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
45	7,291	7,292	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
46	5,234	5,235	12.45	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
47	5,039	5,040	13.00	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
48	6,134	6,134	10.11	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
49	6,448	6,448	9.37	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
50	7,809	7,810	6.52	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
51	7,630	7,631	6.87	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
52	5,774	5,775	11.00	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
53	5,686	5,687	11.23	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
54	6,136	6,136	10.10	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
55	7,238	7,239	7.65	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
56	6,906	6,906	8.35	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
57	3,871	3,872	16.76	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
58	4,333	4,334	15.18	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
59	5,972	5,973	10.50	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
60	6,590	6,590	9.05	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00

Sum 24.60

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H114 H114

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,148	15,148	-2.98	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
2	15,054	15,055	-2.89	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
3	15,038	15,038	-2.88	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
4	14,348	14,348	-2.23	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
5	14,696	14,696	-2.56	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
6	13,503	13,503	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
7	14,072	14,072	-1.96	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
8	14,105	14,105	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
9	14,543	14,543	-2.42	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
10	13,383	13,383	-1.26	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
11	13,337	13,337	-1.22	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
12	12,300	12,300	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
13	12,588	12,589	-0.41	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
14	11,965	11,965	0.31	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
15	12,007	12,007	0.26	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
16	11,082	11,082	1.40	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
17	11,261	11,262	1.17	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
18	11,303	11,303	1.12	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
19	10,354	10,354	2.38	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
20	10,744	10,744	1.85	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
21	10,996	10,997	1.52	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
22	11,071	11,072	1.42	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
23	11,291	11,291	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
24	9,781	9,782	3.21	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
25	9,613	9,614	3.46	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
26	9,510	9,510	3.62	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
27	8,839	8,840	4.69	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
28	9,694	9,694	3.34	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
29	9,124	9,124	4.23	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
30	9,578	9,578	3.52	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
31	9,374	9,374	3.83	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
32	9,083	9,084	4.29	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
33	9,339	9,339	3.89	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
34	10,099	10,099	2.74	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
35	10,533	10,534	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
36	8,065	8,066	6.04	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
37	8,231	8,232	5.74	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
38	7,077	7,078	7.98	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
39	7,715	7,716	6.70	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
40	8,144	8,145	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
41	7,320	7,321	7.48	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
42	7,840	7,840	6.47	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
43	6,117	6,118	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
44	6,111	6,112	10.16	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
45	5,872	5,873	10.75	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
46	4,816	4,817	13.66	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
47	4,262	4,263	15.41	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
48	4,129	4,130	15.86	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
49	3,657	3,658	17.55	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
50	4,935	4,935	13.31	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
51	4,684	4,685	14.06	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
52	2,875	2,876	20.74	108.5	0.00	80.18	-	-	0.00	0.00	-	0.00
53	2,727	2,728	21.41	108.5	0.00	79.72	-	-	0.00	0.00	-	0.00
54	3,180	3,181	19.43	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
55	4,283	4,284	15.34	108.5	0.00	83.64	-	-	0.00	0.00	-	0.00
56	3,990	3,991	16.34	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
57	1,178	1,181	32.21	108.5	0.00	72.45	-	-	0.00	0.00	-	0.00
58	1,693	1,696	27.75	108.5	0.00	75.59	-	-	0.00	0.00	-	0.00
59	3,239	3,240	19.18	108.5	0.00	81.21	-	-	0.00	0.00	-	0.00
60	3,858	3,859	16.81	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00

Sum 34.95

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H115 H115

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,343	16,344	<b>-4.02</b>	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
2	16,268	16,268	<b>-3.96</b>	108.5	0.00	95.23	-	-	0.00	0.00	-	0.00
3	16,275	16,275	<b>-3.96</b>	108.5	0.00	95.23	-	-	0.00	0.00	-	0.00
4	15,566	15,566	<b>-3.35</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
5	15,973	15,973	<b>-3.71</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
6	14,774	14,775	<b>-2.64</b>	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
7	15,353	15,353	<b>-3.16</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
8	15,412	15,412	<b>-3.22</b>	108.5	0.00	94.76	-	-	0.00	0.00	-	0.00
9	15,862	15,862	<b>-3.61</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
10	14,696	14,696	<b>-2.56</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
11	14,587	14,588	<b>-2.46</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
12	13,595	13,595	<b>-1.48</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
13	13,917	13,917	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
14	13,302	13,302	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
15	13,348	13,348	<b>-1.23</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
16	12,356	12,357	<b>-0.14</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
17	12,552	12,552	<b>-0.37</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
18	12,607	12,607	<b>-0.43</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
19	11,668	11,668	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
20	12,073	12,073	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
21	12,336	12,336	<b>-0.12</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
22	12,410	12,410	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
23	12,617	12,617	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
24	10,930	10,930	<b>1.60</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
25	10,790	10,791	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
26	10,718	10,719	<b>1.88</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
27	10,119	10,120	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
28	11,015	11,015	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
29	10,435	10,435	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
30	10,912	10,912	<b>1.63</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
31	10,713	10,713	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
32	10,424	10,425	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
33	10,679	10,679	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
34	11,439	11,439	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
35	11,852	11,852	<b>0.45</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
36	9,150	9,150	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
37	9,365	9,366	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
38	8,346	8,346	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
39	9,007	9,008	<b>4.42</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
40	9,459	9,459	<b>3.70</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
41	8,639	8,639	<b>5.03</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
42	9,174	9,174	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
43	7,336	7,337	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
44	7,388	7,389	<b>7.35</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
45	7,183	7,183	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
46	5,915	5,915	<b>10.65</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
47	5,430	5,431	<b>11.91</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
48	5,470	5,470	<b>11.80</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
49	4,830	4,830	<b>13.62</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
50	5,992	5,992	<b>10.46</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
51	5,594	5,595	<b>11.47</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
52	3,958	3,959	<b>16.45</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
53	3,610	3,611	<b>17.73</b>	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
54	3,962	3,963	<b>16.44</b>	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00
55	5,151	5,151	<b>12.68</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
56	4,569	4,570	<b>14.42</b>	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
57	1,524	1,526	<b>29.09</b>	108.5	0.00	74.67	-	-	0.00	0.00	-	0.00
58	1,881	1,884	<b>26.40</b>	108.5	0.00	76.50	-	-	0.00	0.00	-	0.00
59	3,485	3,486	<b>18.20</b>	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
60	4,088	4,089	<b>16.00</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00

Sum 32.32

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H116 H116

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,209	15,209	-3.04	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
2	15,103	15,103	-2.94	108.5	0.00	94.58	-	-	0.00	0.00	-	0.00
3	15,068	15,068	-2.91	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
4	14,394	14,394	-2.28	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
5	14,690	14,690	-2.56	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
6	13,503	13,503	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
7	14,062	14,062	-1.95	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
8	14,065	14,065	-1.96	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
9	14,482	14,482	-2.36	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
10	13,334	13,334	-1.21	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
11	13,358	13,358	-1.24	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
12	12,275	12,275	-0.05	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
13	12,511	12,511	-0.32	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
14	11,862	11,863	0.43	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
15	11,879	11,880	0.41	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
16	11,083	11,083	1.40	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
17	11,244	11,244	1.20	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
18	11,268	11,268	1.17	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
19	10,306	10,306	2.45	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
20	10,667	10,667	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
21	10,885	10,885	1.66	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
22	10,913	10,913	1.63	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
23	11,098	11,098	1.38	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
24	9,881	9,881	3.06	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
25	9,695	9,695	3.34	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
26	9,570	9,570	3.53	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
27	8,837	8,838	4.70	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
28	9,633	9,634	3.43	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
29	9,082	9,082	4.29	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
30	9,488	9,489	3.65	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
31	9,264	9,264	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
32	8,953	8,953	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
33	9,193	9,193	4.12	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
34	9,946	9,946	2.97	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
35	10,328	10,328	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
36	8,204	8,205	5.79	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
37	8,342	8,343	5.55	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
38	7,092	7,092	7.95	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
39	7,702	7,703	6.73	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
40	8,099	8,099	5.98	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
41	7,269	7,269	7.59	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
42	7,752	7,752	6.63	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
43	6,180	6,181	10.00	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
44	6,121	6,122	10.14	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
45	5,839	5,840	10.84	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
46	4,964	4,965	13.22	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
47	4,375	4,376	15.04	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
48	4,015	4,016	16.25	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
49	3,336	3,337	18.79	108.5	0.00	81.47	-	-	0.00	0.00	-	0.00
50	4,576	4,577	14.39	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
51	4,295	4,296	15.30	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
52	2,517	2,518	22.49	108.5	0.00	79.02	-	-	0.00	0.00	-	0.00
53	2,329	2,330	23.56	108.5	0.00	78.35	-	-	0.00	0.00	-	0.00
54	2,775	2,776	21.19	108.5	0.00	79.87	-	-	0.00	0.00	-	0.00
55	3,888	3,889	16.70	108.5	0.00	82.80	-	-	0.00	0.00	-	0.00
56	3,583	3,584	17.83	108.5	0.00	82.09	-	-	0.00	0.00	-	0.00
57	881	886	35.54	108.5	0.00	69.95	-	-	0.00	0.00	-	0.00
58	1,377	1,381	30.33	108.5	0.00	73.80	-	-	0.00	0.00	-	0.00
59	2,863	2,864	20.79	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
60	3,477	3,479	18.23	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00

Sum 37.66

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H117 H117

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,764	16,765	-4.36	108.5	0.00	95.49	-	-	0.00	0.00	-	0.00
	2	16,644	16,644	-4.27	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
	3	16,584	16,584	-4.22	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
	4	15,932	15,932	-3.67	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
	5	16,151	16,151	-3.86	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
	6	14,977	14,977	-2.82	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	7	15,517	15,517	-3.31	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	8	15,464	15,464	-3.26	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
	9	15,837	15,837	-3.59	108.5	0.00	94.99	-	-	0.00	0.00	-	0.00
	10	14,717	14,717	-2.58	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	11	14,864	14,864	-2.72	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	12	13,708	13,708	-1.60	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	13	13,836	13,836	-1.73	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	14	13,132	13,132	-1.00	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	15	13,085	13,085	-0.95	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	16	12,562	12,562	-0.38	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	17	12,693	12,693	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	18	12,687	12,687	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	19	11,701	11,701	0.63	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	20	12,003	12,003	0.27	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	21	12,136	12,136	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	22	12,036	12,037	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	23	12,111	12,111	0.14	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	24	11,477	11,477	0.90	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	25	11,277	11,277	1.16	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	26	11,131	11,131	1.34	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	27	10,321	10,321	2.43	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	28	11,009	11,009	1.50	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	29	10,496	10,496	2.19	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	30	10,801	10,802	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	31	10,530	10,530	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	32	10,169	10,169	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	33	10,365	10,365	2.37	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	34	11,091	11,091	1.39	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	35	11,300	11,300	1.13	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	36	9,825	9,825	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	37	9,949	9,949	2.96	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	38	8,607	8,607	5.09	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	39	9,173	9,174	4.15	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	40	9,511	9,512	3.62	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	41	8,678	8,678	4.96	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	42	9,082	9,082	4.29	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	43	7,754	7,754	6.63	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	44	7,635	7,635	6.86	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	45	7,293	7,293	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	46	6,590	6,591	9.04	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	47	5,989	5,990	10.46	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	48	5,352	5,353	12.12	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	49	4,019	4,020	16.24	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
	50	4,913	4,914	13.37	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	51	4,344	4,344	15.14	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	52	3,068	3,069	19.90	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00
	53	2,484	2,485	22.68	108.5	0.00	78.91	-	-	0.00	0.00	-	0.00
	54	2,682	2,683	21.62	108.5	0.00	79.57	-	-	0.00	0.00	-	0.00
	55	3,876	3,877	16.74	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	56	3,082	3,083	19.84	108.5	0.00	80.78	-	-	0.00	0.00	-	0.00
	57	780	784	36.92	108.5	0.00	68.88	-	-	0.00	0.00	-	0.00
	58	538	544	40.87	108.5	0.00	65.72	-	-	0.00	0.00	-	0.00
	59	1,881	1,882	26.41	108.5	0.00	76.49	-	-	0.00	0.00	-	0.00
	60	2,467	2,469	22.77	108.5	0.00	78.85	-	-	0.00	0.00	-	0.00

Sum 42.68

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H118 H118

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,451	16,451	-4.11	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
2	16,296	16,296	-3.98	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
3	16,183	16,183	-3.88	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00
4	15,580	15,580	-3.37	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
5	15,654	15,654	-3.43	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
6	14,507	14,507	-2.38	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
7	15,014	15,014	-2.86	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
8	14,879	14,879	-2.73	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
9	15,196	15,196	-3.02	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
10	14,116	14,116	-2.01	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
11	14,451	14,451	-2.33	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
12	13,183	13,183	-1.05	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
13	13,170	13,170	-1.04	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
14	12,410	12,410	-0.20	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
15	12,300	12,300	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
16	12,117	12,117	0.13	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
17	12,198	12,198	0.04	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
18	12,146	12,146	0.10	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
19	11,138	11,138	1.33	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
20	11,362	11,362	1.05	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
21	11,403	11,403	1.00	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
22	11,188	11,188	1.27	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
23	11,178	11,178	1.28	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
24	11,316	11,316	1.11	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
25	11,069	11,069	1.42	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
26	10,866	10,866	1.69	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
27	9,904	9,904	3.03	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
28	10,426	10,427	2.28	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
29	9,971	9,971	2.93	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
30	10,146	10,146	2.68	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
31	9,827	9,827	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
32	9,421	9,422	3.76	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
33	9,574	9,574	3.52	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
34	10,269	10,269	2.50	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
35	10,345	10,345	2.40	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
36	9,797	9,797	3.19	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
37	9,842	9,842	3.12	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
38	8,271	8,271	5.67	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
39	8,751	8,752	4.84	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
40	8,996	8,996	4.43	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
41	8,170	8,171	5.85	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
42	8,469	8,470	5.32	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
43	7,566	7,567	6.99	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
44	7,316	7,316	7.49	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
45	6,879	6,879	8.41	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
46	6,655	6,656	8.90	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
47	5,988	5,988	10.47	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
48	4,852	4,853	13.55	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
49	3,070	3,070	19.90	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00
50	3,740	3,741	17.24	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
51	3,094	3,094	19.79	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
52	2,144	2,146	24.68	108.5	0.00	77.63	-	-	0.00	0.00	-	0.00
53	1,421	1,423	29.96	108.5	0.00	74.06	-	-	0.00	0.00	-	0.00
54	1,464	1,466	29.59	108.5	0.00	74.32	-	-	0.00	0.00	-	0.00
55	2,622	2,623	21.92	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
56	1,791	1,792	27.05	108.5	0.00	76.07	-	-	0.00	0.00	-	0.00
57	1,369	1,371	30.41	108.5	0.00	73.74	-	-	0.00	0.00	-	0.00
58	924	928	35.02	108.5	0.00	70.35	-	-	0.00	0.00	-	0.00
59	777	782	36.95	108.5	0.00	68.86	-	-	0.00	0.00	-	0.00
60	1,394	1,397	30.18	108.5	0.00	73.90	-	-	0.00	0.00	-	0.00

Sum 41.30

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H119 H119

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,607	18,607	-5.77	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
2	18,377	18,377	-5.61	108.5	0.00	96.29	-	-	0.00	0.00	-	0.00
3	18,144	18,144	-5.43	108.5	0.00	96.17	-	-	0.00	0.00	-	0.00
4	17,670	17,670	-5.08	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
5	17,387	17,387	-4.86	108.5	0.00	95.80	-	-	0.00	0.00	-	0.00
6	16,341	16,341	-4.02	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
7	16,750	16,750	-4.35	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
8	16,400	16,400	-4.07	108.5	0.00	95.30	-	-	0.00	0.00	-	0.00
9	16,542	16,542	-4.18	108.5	0.00	95.37	-	-	0.00	0.00	-	0.00
10	15,614	15,614	-3.39	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
11	16,426	16,426	-4.09	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
12	14,918	14,919	-2.77	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
13	14,515	14,515	-2.39	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
14	13,616	13,616	-1.51	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
15	13,310	13,310	-1.19	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
16	14,096	14,096	-1.99	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
17	14,051	14,051	-1.94	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
18	13,885	13,885	-1.78	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
19	12,864	12,864	-0.71	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
20	12,863	12,863	-0.71	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
21	12,626	12,626	-0.45	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
22	12,036	12,036	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
23	11,704	11,704	0.63	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
24	13,917	13,918	-1.81	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
25	13,592	13,592	-1.48	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
26	13,286	13,287	-1.16	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
27	12,049	12,049	0.21	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
28	12,139	12,140	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
29	11,856	11,857	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
30	11,676	11,677	0.66	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
31	11,240	11,240	1.20	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
32	10,727	10,727	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
33	10,730	10,731	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
34	11,269	11,270	1.16	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
35	10,837	10,838	1.73	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
36	12,674	12,675	-0.50	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
37	12,591	12,591	-0.41	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
38	10,683	10,683	1.93	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
39	10,953	10,954	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
40	10,969	10,969	1.55	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
41	10,222	10,222	2.57	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
42	10,236	10,236	2.55	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
43	10,292	10,292	2.47	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
44	9,827	9,827	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
45	9,244	9,244	4.04	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
46	9,792	9,792	3.19	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
47	9,082	9,082	4.29	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
48	7,294	7,295	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
49	4,921	4,921	13.35	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
50	4,347	4,347	15.13	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
51	3,463	3,464	18.29	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
52	4,515	4,516	14.59	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
53	3,951	3,952	16.48	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
54	3,457	3,458	18.31	108.5	0.00	81.78	-	-	0.00	0.00	-	0.00
55	3,302	3,303	18.93	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
56	2,472	2,473	22.74	108.5	0.00	78.87	-	-	0.00	0.00	-	0.00
57	5,029	5,030	13.03	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
58	4,540	4,541	14.51	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
59	2,906	2,908	20.60	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
60	2,284	2,286	23.82	108.5	0.00	78.18	-	-	0.00	0.00	-	0.00

Sum 29.94



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H147 H147

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,384	16,385	-4.05	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
2	16,142	16,142	-3.85	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
3	15,891	15,891	-3.64	108.5	0.00	95.02	-	-	0.00	0.00	-	0.00
4	15,439	15,439	-3.24	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
5	15,112	15,112	-2.95	108.5	0.00	94.59	-	-	0.00	0.00	-	0.00
6	14,078	14,078	-1.97	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
7	14,476	14,476	-2.35	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
8	14,113	14,113	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
9	14,252	14,252	-2.14	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
10	13,327	13,327	-1.21	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
11	14,181	14,181	-2.07	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
12	12,649	12,649	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
13	12,225	12,225	0.01	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
14	11,326	11,327	1.09	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
15	11,026	11,026	1.48	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
16	11,861	11,861	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
17	11,798	11,798	0.51	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
18	11,619	11,619	0.73	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
19	10,600	10,600	2.04	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
20	10,581	10,581	2.07	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
21	10,336	10,336	2.41	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
22	9,758	9,759	3.24	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
23	9,459	9,459	3.70	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
24	11,846	11,847	0.45	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
25	11,497	11,497	0.88	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
26	11,161	11,161	1.30	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
27	9,862	9,863	3.09	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
28	9,878	9,878	3.07	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
29	9,621	9,621	3.45	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
30	9,400	9,400	3.79	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
31	8,957	8,957	4.50	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
32	8,440	8,441	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
33	8,440	8,441	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
34	8,982	8,982	4.46	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
35	8,592	8,592	5.11	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
36	10,741	10,742	1.85	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
37	10,597	10,598	2.05	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
38	8,591	8,592	5.11	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
39	8,795	8,795	4.77	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
40	8,758	8,758	4.83	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
41	8,038	8,038	6.10	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
42	7,997	7,997	6.17	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
43	8,334	8,334	5.56	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
44	7,791	7,791	6.56	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
45	7,170	7,171	7.79	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
46	8,089	8,089	6.00	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
47	7,376	7,376	7.37	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
48	5,333	5,334	12.17	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
49	2,976	2,977	20.30	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
50	2,099	2,100	24.97	108.5	0.00	77.44	-	-	0.00	0.00	-	0.00
51	1,294	1,297	31.09	108.5	0.00	73.26	-	-	0.00	0.00	-	0.00
52	2,928	2,929	20.51	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
53	2,697	2,698	21.55	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
54	2,211	2,212	24.27	108.5	0.00	77.90	-	-	0.00	0.00	-	0.00
55	1,349	1,352	30.58	108.5	0.00	73.62	-	-	0.00	0.00	-	0.00
56	1,519	1,521	29.13	108.5	0.00	74.64	-	-	0.00	0.00	-	0.00
57	4,555	4,556	14.46	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
58	4,206	4,207	15.60	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
59	2,831	2,833	20.94	108.5	0.00	80.04	-	-	0.00	0.00	-	0.00
60	2,458	2,460	22.82	108.5	0.00	78.82	-	-	0.00	0.00	-	0.00

Sum 36.71

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H148 H148

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,680	15,681	-3.45	108.5	0.00	94.91	-	-	0.00	0.00	-	0.00
2	15,445	15,445	-3.25	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
3	15,206	15,206	-3.03	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
4	14,740	14,740	-2.60	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
5	14,451	14,451	-2.33	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
6	13,403	13,403	-1.29	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
7	13,813	13,813	-1.71	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
8	13,477	13,477	-1.36	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
9	13,641	13,641	-1.53	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
10	12,692	12,692	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
11	13,491	13,491	-1.38	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
12	11,981	11,981	0.29	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
13	11,607	11,607	0.74	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
14	10,726	10,726	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
15	10,455	10,455	2.24	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
16	11,163	11,163	1.30	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
17	11,113	11,114	1.36	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
18	10,947	10,947	1.58	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
19	9,925	9,925	3.00	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
20	9,934	9,934	2.98	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
21	9,728	9,728	3.29	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
22	9,209	9,209	4.09	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
23	8,968	8,968	4.48	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
24	11,103	11,103	1.38	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
25	10,756	10,756	1.83	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
26	10,425	10,425	2.28	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
27	9,142	9,142	4.20	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
28	9,201	9,201	4.10	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
29	8,923	8,923	4.55	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
30	8,742	8,742	4.86	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
31	8,312	8,313	5.60	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
32	7,807	7,808	6.53	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
33	7,830	7,830	6.48	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
34	8,401	8,401	5.44	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
35	8,102	8,102	5.98	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
36	9,992	9,992	2.90	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
37	9,849	9,849	3.11	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
38	7,849	7,849	6.45	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
39	8,065	8,066	6.04	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
40	8,047	8,047	6.08	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
41	7,315	7,316	7.49	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
42	7,301	7,301	7.52	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
43	7,584	7,585	6.96	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
44	7,043	7,043	8.06	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
45	6,425	6,426	9.42	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
46	7,359	7,360	7.40	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
47	6,648	6,648	8.91	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
48	4,584	4,585	14.37	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
49	2,235	2,236	24.12	108.5	0.00	77.99	-	-	0.00	0.00	-	0.00
50	1,409	1,410	30.07	108.5	0.00	73.99	-	-	0.00	0.00	-	0.00
51	548	552	40.72	108.5	0.00	65.84	-	-	0.00	0.00	-	0.00
52	2,279	2,280	23.86	108.5	0.00	78.16	-	-	0.00	0.00	-	0.00
53	2,187	2,189	24.41	108.5	0.00	77.80	-	-	0.00	0.00	-	0.00
54	1,764	1,766	27.24	108.5	0.00	75.94	-	-	0.00	0.00	-	0.00
55	670	675	38.57	108.5	0.00	67.58	-	-	0.00	0.00	-	0.00
56	1,413	1,414	30.03	108.5	0.00	74.01	-	-	0.00	0.00	-	0.00
57	4,199	4,200	15.62	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
58	3,916	3,917	16.60	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
59	2,764	2,766	21.24	108.5	0.00	79.84	-	-	0.00	0.00	-	0.00
60	2,546	2,548	22.33	108.5	0.00	79.12	-	-	0.00	0.00	-	0.00

Sum 43.59

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H149 H149

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,453	15,453	-3.25	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
2	15,246	15,246	-3.07	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
3	15,054	15,054	-2.89	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
4	14,534	14,534	-2.41	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
5	14,384	14,384	-2.27	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
6	13,291	13,291	-1.17	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
7	13,742	13,742	-1.63	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
8	13,486	13,486	-1.37	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
9	13,715	13,715	-1.61	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
10	12,706	12,706	-0.54	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
11	13,324	13,324	-1.20	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
12	11,900	11,900	0.39	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
13	11,674	11,675	0.66	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
14	10,841	10,841	1.72	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
15	10,642	10,642	1.99	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
16	10,980	10,980	1.54	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
17	10,980	10,981	1.54	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
18	10,858	10,858	1.70	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
19	9,834	9,834	3.13	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
20	9,932	9,932	2.99	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
21	9,832	9,832	3.13	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
22	9,452	9,452	3.71	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
23	9,325	9,325	3.91	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
24	10,655	10,655	1.97	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
25	10,338	10,339	2.41	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
26	10,048	10,049	2.82	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
27	8,867	8,867	4.65	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
28	9,108	9,108	4.25	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
29	8,755	8,756	4.83	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
30	8,719	8,719	4.89	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
31	8,333	8,333	5.56	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
32	7,866	7,867	6.42	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
33	7,949	7,949	6.26	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
34	8,584	8,584	5.12	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
35	8,471	8,472	5.32	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
36	9,404	9,405	3.78	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
37	9,318	9,318	3.92	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
38	7,433	7,434	7.25	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
39	7,748	7,749	6.64	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
40	7,829	7,830	6.49	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
41	7,049	7,050	8.04	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
42	7,160	7,160	7.81	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
43	7,018	7,019	8.11	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
44	6,561	6,562	9.11	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
45	5,992	5,993	10.45	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
46	6,592	6,593	9.04	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
47	5,878	5,879	10.74	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
48	4,022	4,023	16.23	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
49	1,664	1,666	27.98	108.5	0.00	75.43	-	-	0.00	0.00	-	0.00
50	1,676	1,679	27.89	108.5	0.00	75.50	-	-	0.00	0.00	-	0.00
51	963	967	34.54	108.5	0.00	70.71	-	-	0.00	0.00	-	0.00
52	1,331	1,334	30.75	108.5	0.00	73.50	-	-	0.00	0.00	-	0.00
53	1,112	1,116	32.88	108.5	0.00	71.95	-	-	0.00	0.00	-	0.00
54	711	717	37.91	108.5	0.00	68.10	-	-	0.00	0.00	-	0.00
55	494	504	41.67	108.5	0.00	65.06	-	-	0.00	0.00	-	0.00
56	934	938	34.90	108.5	0.00	70.44	-	-	0.00	0.00	-	0.00
57	3,148	3,150	19.56	108.5	0.00	80.97	-	-	0.00	0.00	-	0.00
58	2,902	2,904	20.62	108.5	0.00	80.26	-	-	0.00	0.00	-	0.00
59	2,016	2,018	25.49	108.5	0.00	77.10	-	-	0.00	0.00	-	0.00
60	2,027	2,029	25.42	108.5	0.00	77.15	-	-	0.00	0.00	-	0.00
Sum	45.09											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H150 H150

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,867	14,868	-2.72	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
2	14,662	14,662	-2.53	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
3	14,474	14,474	-2.35	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
4	13,950	13,950	-1.84	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
5	13,813	13,813	-1.71	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
6	12,716	12,716	-0.55	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
7	13,171	13,171	-1.04	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
8	12,928	12,928	-0.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
9	13,169	13,169	-1.04	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
10	12,149	12,149	0.10	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
11	12,743	12,743	-0.58	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
12	11,329	11,329	1.09	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
13	11,129	11,129	1.34	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
14	10,307	10,307	2.45	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
15	10,127	10,127	2.71	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
16	10,398	10,398	2.32	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
17	10,403	10,404	2.31	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
18	10,287	10,287	2.48	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
19	9,263	9,263	4.01	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
20	9,375	9,375	3.83	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
21	9,297	9,298	3.95	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
22	8,955	8,955	4.50	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
23	8,868	8,868	4.65	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
24	10,071	10,071	2.79	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
25	9,752	9,753	3.25	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
26	9,461	9,461	3.70	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
27	8,280	8,280	5.66	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
28	8,537	8,537	5.20	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
29	8,176	8,177	5.84	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
30	8,160	8,160	5.87	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
31	7,782	7,783	6.57	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
32	7,325	7,326	7.47	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
33	7,422	7,422	7.28	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
34	8,072	8,072	6.03	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
35	8,021	8,021	6.13	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
36	8,838	8,839	4.69	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
37	8,742	8,743	4.85	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
38	6,847	6,847	8.48	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
39	7,160	7,161	7.81	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
40	7,246	7,247	7.63	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
41	6,464	6,464	9.33	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
42	6,586	6,586	9.05	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
43	6,446	6,447	9.37	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
44	5,978	5,979	10.49	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
45	5,405	5,406	11.97	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
46	6,074	6,075	10.25	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
47	5,360	5,361	12.10	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
48	3,444	3,445	18.36	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
49	1,076	1,079	33.27	108.5	0.00	71.66	-	-	0.00	0.00	-	0.00
50	1,360	1,363	30.48	108.5	0.00	73.69	-	-	0.00	0.00	-	0.00
51	987	991	34.27	108.5	0.00	70.92	-	-	0.00	0.00	-	0.00
52	932	936	34.92	108.5	0.00	70.43	-	-	0.00	0.00	-	0.00
53	1,086	1,089	33.16	108.5	0.00	71.74	-	-	0.00	0.00	-	0.00
54	947	951	34.73	108.5	0.00	70.57	-	-	0.00	0.00	-	0.00
55	691	698	38.20	108.5	0.00	67.88	-	-	0.00	0.00	-	0.00
56	1,511	1,513	29.19	108.5	0.00	74.60	-	-	0.00	0.00	-	0.00
57	3,193	3,195	19.37	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
58	3,038	3,040	20.03	108.5	0.00	80.66	-	-	0.00	0.00	-	0.00
59	2,442	2,443	22.91	108.5	0.00	78.76	-	-	0.00	0.00	-	0.00
60	2,547	2,549	22.32	108.5	0.00	79.13	-	-	0.00	0.00	-	0.00

Sum 43.48

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H151 H151

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,186	15,186	<b>-3.01</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	2	15,060	15,060	<b>-2.90</b>	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
	3	14,994	14,994	<b>-2.84</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	4	14,347	14,347	<b>-2.23</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	5	14,559	14,559	<b>-2.43</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	6	13,384	13,384	<b>-1.27</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	7	13,925	13,925	<b>-1.82</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	8	13,880	13,880	<b>-1.77</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	9	14,264	14,264	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	10	13,136	13,136	<b>-1.00</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	11	13,273	13,273	<b>-1.15</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	12	12,118	12,119	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	13	12,271	12,271	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	14	11,586	11,586	<b>0.77</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	15	11,565	11,565	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	16	10,970	10,970	<b>1.55</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	17	11,102	11,102	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	18	11,099	11,099	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	19	10,117	10,117	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	20	10,433	10,433	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	21	10,596	10,596	<b>2.05</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	22	10,554	10,554	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	23	10,688	10,688	<b>1.93</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	24	9,931	9,932	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	25	9,717	9,718	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	26	9,558	9,558	<b>3.55</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	27	8,729	8,729	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	28	9,428	9,429	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	29	8,908	8,908	<b>4.58</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	30	9,238	9,238	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	31	8,982	8,982	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	32	8,641	8,641	<b>5.03</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	33	8,856	8,856	<b>4.66</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	34	9,596	9,596	<b>3.49</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	35	9,899	9,899	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	36	8,328	8,329	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	37	8,419	8,420	<b>5.41</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	38	7,019	7,020	<b>8.11</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	39	7,581	7,581	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	40	7,923	7,923	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	41	7,089	7,090	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	42	7,511	7,512	<b>7.10</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	43	6,193	6,194	<b>9.97</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	44	6,048	6,049	<b>10.32</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	45	5,700	5,701	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	46	5,130	5,131	<b>12.74</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	47	4,491	4,492	<b>14.66</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
	48	3,772	3,773	<b>17.12</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
	49	2,769	2,770	<b>21.22</b>	108.5	0.00	79.85	-	-	0.00	0.00	-	0.00
	50	3,951	3,952	<b>16.48</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
	51	3,641	3,642	<b>17.61</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	52	1,900	1,903	<b>26.27</b>	108.5	0.00	76.59	-	-	0.00	0.00	-	0.00
	53	1,670	1,672	<b>27.94</b>	108.5	0.00	75.47	-	-	0.00	0.00	-	0.00
	54	2,121	2,122	<b>24.82</b>	108.5	0.00	77.54	-	-	0.00	0.00	-	0.00
	55	3,230	3,231	<b>19.22</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
	56	2,955	2,956	<b>20.39</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
	57	843	849	<b>36.03</b>	108.5	0.00	69.57	-	-	0.00	0.00	-	0.00
	58	1,157	1,162	<b>32.41</b>	108.5	0.00	72.30	-	-	0.00	0.00	-	0.00
	59	2,368	2,370	<b>23.33</b>	108.5	0.00	78.49	-	-	0.00	0.00	-	0.00
	60	2,962	2,964	<b>20.36</b>	108.5	0.00	80.44	-	-	0.00	0.00	-	0.00
Sum		39.07											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H152 H152

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,903	14,903	-2.76	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
	2	14,802	14,802	-2.66	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	3	14,774	14,775	-2.64	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
	4	14,094	14,094	-1.98	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	5	14,413	14,413	-2.29	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	6	13,223	13,223	-1.10	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	7	13,787	13,787	-1.68	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	8	13,806	13,806	-1.70	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	9	14,235	14,235	-2.12	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	10	13,080	13,080	-0.94	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	11	13,069	13,069	-0.93	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	12	12,008	12,008	0.26	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	13	12,274	12,274	-0.05	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	14	11,642	11,642	0.70	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	15	11,676	11,676	0.66	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	16	10,802	10,803	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	17	10,973	10,973	1.55	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	18	11,006	11,006	1.50	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	19	10,051	10,051	2.81	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	20	10,430	10,430	2.28	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	21	10,670	10,670	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	22	10,733	10,733	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	23	10,946	10,946	1.58	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	24	9,561	9,561	3.54	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	25	9,381	9,381	3.82	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	26	9,264	9,264	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	27	8,558	8,558	5.17	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	28	9,386	9,386	3.81	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	29	8,823	8,823	4.72	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	30	9,259	9,259	4.01	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	31	9,048	9,048	4.35	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	32	8,751	8,752	4.84	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	33	9,003	9,003	4.42	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	34	9,762	9,762	3.24	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	35	10,187	10,187	2.62	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	36	7,873	7,874	6.40	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	37	8,019	8,019	6.13	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	38	6,804	6,804	8.57	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	39	7,428	7,428	7.27	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	40	7,842	7,842	6.46	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	41	7,015	7,016	8.12	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	42	7,521	7,521	7.08	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	43	5,872	5,873	10.75	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	44	5,835	5,836	10.85	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	45	5,574	5,575	11.52	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	46	4,631	4,632	14.22	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	47	4,049	4,050	16.13	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	48	3,800	3,801	17.02	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
	49	3,326	3,327	18.83	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
	50	4,624	4,624	14.25	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	51	4,408	4,409	14.93	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	52	2,569	2,570	22.21	108.5	0.00	79.20	-	-	0.00	0.00	-	0.00
	53	2,480	2,481	22.70	108.5	0.00	78.89	-	-	0.00	0.00	-	0.00
	54	2,953	2,954	20.40	108.5	0.00	80.41	-	-	0.00	0.00	-	0.00
	55	4,020	4,021	16.23	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
	56	3,806	3,807	17.00	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	57	1,223	1,226	31.76	108.5	0.00	72.77	-	-	0.00	0.00	-	0.00
	58	1,714	1,717	27.60	108.5	0.00	75.70	-	-	0.00	0.00	-	0.00
	59	3,162	3,163	19.50	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
	60	3,771	3,772	17.12	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00

Sum 34.99

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H153 H153

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,001	13,001	-0.86	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
2	12,939	12,939	-0.79	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
3	12,973	12,973	-0.83	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
4	12,242	12,243	-0.01	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
5	12,744	12,744	-0.58	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
6	11,537	11,537	0.83	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
7	12,137	12,137	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
8	12,281	12,281	-0.06	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
9	12,796	12,796	-0.64	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
10	11,599	11,599	0.75	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
11	11,308	11,308	1.12	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
12	10,431	10,431	2.28	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
13	10,930	10,930	1.60	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
14	10,427	10,427	2.28	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
15	10,589	10,589	2.06	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
16	9,136	9,136	4.21	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
17	9,377	9,377	3.83	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
18	9,483	9,483	3.66	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
19	8,603	8,603	5.09	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
20	9,107	9,107	4.25	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
21	9,519	9,519	3.61	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
22	9,833	9,833	3.13	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
23	10,242	10,242	2.54	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
24	7,571	7,571	6.98	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
25	7,443	7,444	7.23	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
26	7,396	7,396	7.33	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
27	6,932	6,933	8.29	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
28	8,004	8,004	6.16	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
29	7,368	7,368	7.39	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
30	8,025	8,025	6.12	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
31	7,925	7,925	6.30	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
32	7,747	7,747	6.64	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
33	8,077	8,078	6.02	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
34	8,856	8,856	4.66	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
35	9,586	9,586	3.50	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
36	5,791	5,792	10.96	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
37	6,005	6,005	10.42	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
38	5,151	5,151	12.68	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
39	5,877	5,877	10.74	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
40	6,430	6,430	9.41	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
41	5,657	5,658	11.30	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
42	6,330	6,330	9.64	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
43	4,050	4,051	16.13	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
44	4,239	4,240	15.49	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
45	4,198	4,199	15.62	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
46	2,553	2,554	22.30	108.5	0.00	79.15	-	-	0.00	0.00	-	0.00
47	2,111	2,113	24.89	108.5	0.00	77.50	-	-	0.00	0.00	-	0.00
48	3,088	3,089	19.82	108.5	0.00	80.80	-	-	0.00	0.00	-	0.00
49	4,077	4,078	16.04	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
50	5,508	5,508	11.70	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
51	5,644	5,645	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
52	3,771	3,771	17.13	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
53	4,086	4,087	16.01	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
54	4,603	4,604	14.31	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
55	5,380	5,381	12.04	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
56	5,575	5,576	11.52	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
57	3,428	3,429	18.43	108.5	0.00	81.70	-	-	0.00	0.00	-	0.00
58	3,913	3,914	16.61	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
59	5,236	5,237	12.44	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
60	5,812	5,812	10.91	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00

Sum 30.88

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H154 H154

WTG	95% rated power											
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
1	14,369	14,369	-2.25	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
2	14,332	14,332	-2.22	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
3	14,401	14,401	-2.28	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
4	13,645	13,646	-1.54	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
5	14,229	14,229	-2.12	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
6	13,018	13,019	-0.88	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
7	13,629	13,629	-1.52	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
8	13,806	13,806	-1.70	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
9	14,336	14,336	-2.22	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
10	13,134	13,134	-1.00	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
11	12,760	12,761	-0.60	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
12	11,949	11,949	0.33	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
13	12,485	12,485	-0.29	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
14	11,990	11,990	0.28	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
15	12,152	12,152	0.09	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
16	10,633	10,633	2.00	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
17	10,893	10,894	1.65	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
18	11,015	11,015	1.49	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
19	10,150	10,150	2.67	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
20	10,666	10,666	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
21	11,083	11,083	1.40	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
22	11,383	11,383	1.02	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
23	11,767	11,767	0.55	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
24	8,904	8,904	4.59	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
25	8,820	8,820	4.72	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
26	8,818	8,818	4.73	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
27	8,452	8,452	5.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
28	9,560	9,560	3.54	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
29	8,917	8,917	4.56	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
30	9,588	9,588	3.50	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
31	9,488	9,488	3.65	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
32	9,303	9,303	3.94	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
33	9,626	9,626	3.44	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
34	10,405	10,405	2.31	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
35	11,090	11,090	1.39	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
36	7,048	7,048	8.05	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
37	7,336	7,336	7.45	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
38	6,676	6,677	8.85	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
39	7,418	7,419	7.29	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
40	7,987	7,987	6.19	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
41	7,219	7,220	7.69	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
42	7,893	7,893	6.37	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
43	5,538	5,539	11.62	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
44	5,785	5,785	10.98	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
45	5,762	5,762	11.03	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
46	3,919	3,920	16.59	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
47	3,603	3,604	17.75	108.5	0.00	82.14	-	-	0.00	0.00	-	0.00
48	4,542	4,543	14.50	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
49	5,005	5,006	13.10	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
50	6,408	6,408	9.46	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
51	6,338	6,338	9.62	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
52	4,435	4,435	14.84	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
53	4,491	4,492	14.66	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
54	4,984	4,984	13.16	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
55	5,987	5,988	10.47	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
56	5,859	5,860	10.79	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
57	3,069	3,070	19.90	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00
58	3,584	3,585	17.82	108.5	0.00	82.09	-	-	0.00	0.00	-	0.00
59	5,161	5,162	12.65	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
60	5,780	5,781	10.99	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00

Sum 27.76

windPRO calculated by EMD International A/S, Tel: +45 96 35 44 44, www.emd.dk, windpro@emd.dk

7/5/2016 4:20 PM / 61

windPRO 



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H155 H155

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,672	13,672	-1.56	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
2	13,662	13,662	-1.55	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
3	13,771	13,771	-1.66	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
4	12,988	12,988	-0.85	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
5	13,683	13,683	-1.57	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
6	12,472	12,472	-0.28	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
7	13,100	13,100	-0.97	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
8	13,348	13,348	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
9	13,922	13,922	-1.81	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
10	12,707	12,707	-0.54	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
11	12,170	12,170	0.07	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
12	11,480	11,480	0.90	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
13	12,139	12,139	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
14	11,717	11,718	0.61	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
15	11,941	11,941	0.34	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
16	10,126	10,127	2.71	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
17	10,426	10,426	2.28	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
18	10,588	10,588	2.06	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
19	9,778	9,779	3.21	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
20	10,354	10,354	2.38	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
21	10,853	10,854	1.70	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
22	11,271	11,271	1.16	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
23	11,742	11,742	0.58	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
24	8,201	8,202	5.80	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
25	8,161	8,161	5.87	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
26	8,210	8,211	5.78	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
27	8,011	8,011	6.15	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
28	9,234	9,235	4.05	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
29	8,564	8,564	5.16	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
30	9,339	9,339	3.89	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
31	9,296	9,296	3.95	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
32	9,172	9,172	4.15	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
33	9,527	9,527	3.59	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
34	10,303	10,303	2.46	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
35	11,118	11,118	1.36	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
36	6,303	6,303	9.71	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
37	6,649	6,649	8.91	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
38	6,272	6,272	9.78	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
39	7,049	7,049	8.04	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
40	7,679	7,679	6.77	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
41	6,962	6,963	8.23	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
42	7,701	7,701	6.73	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
43	5,076	5,077	12.89	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
44	5,455	5,455	11.84	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
45	5,553	5,554	11.58	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
46	3,362	3,364	18.69	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
47	3,227	3,228	19.23	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
48	4,692	4,693	14.03	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
49	5,605	5,605	11.44	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
50	7,034	7,035	8.08	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
51	7,073	7,073	7.99	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
52	5,164	5,165	12.64	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
53	5,329	5,329	12.18	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
54	5,836	5,837	10.84	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
55	6,759	6,760	8.67	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
56	6,754	6,754	8.68	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
57	4,084	4,085	16.01	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
58	4,601	4,602	14.32	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
59	6,146	6,147	10.08	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
60	6,760	6,760	8.67	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00

Sum 27.11

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H156 H156

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,159	13,159	-1.03	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	2	13,155	13,155	-1.02	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	3	13,273	13,273	-1.15	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	4	12,484	12,484	-0.29	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	5	13,206	13,207	-1.08	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	6	11,997	11,997	0.27	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	7	12,629	12,629	-0.45	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	8	12,898	12,898	-0.75	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	9	13,485	13,485	-1.37	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	10	12,268	12,268	-0.04	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	11	11,683	11,683	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	12	11,028	11,028	1.47	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	13	11,728	11,728	0.60	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	14	11,334	11,334	1.08	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	15	11,581	11,582	0.77	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	16	9,666	9,666	3.38	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	17	9,977	9,977	2.92	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	18	10,152	10,152	2.67	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	19	9,363	9,363	3.85	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	20	9,959	9,959	2.95	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	21	10,488	10,489	2.20	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	22	10,953	10,953	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	23	11,459	11,459	0.93	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	24	7,691	7,692	6.75	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	25	7,661	7,661	6.81	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	26	7,724	7,724	6.69	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	27	7,576	7,576	6.97	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	28	8,837	8,837	4.70	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	29	8,158	8,158	5.88	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	30	8,970	8,971	4.48	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	31	8,951	8,951	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	32	8,852	8,852	4.67	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	33	9,219	9,219	4.08	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	34	9,992	9,992	2.90	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	35	10,860	10,860	1.70	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	36	5,786	5,787	10.97	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	37	6,144	6,145	10.08	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	38	5,857	5,858	10.79	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	39	6,643	6,644	8.92	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	40	7,294	7,294	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	41	6,601	6,601	9.02	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	42	7,363	7,363	7.40	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	43	4,648	4,649	14.17	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	44	5,075	5,075	12.90	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
	45	5,223	5,224	12.48	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	46	2,918	2,920	20.55	108.5	0.00	80.31	-	-	0.00	0.00	-	0.00
	47	2,862	2,863	20.80	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
	48	4,541	4,542	14.51	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
	49	5,678	5,678	11.25	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	50	7,109	7,109	7.92	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	51	7,215	7,215	7.70	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
	52	5,320	5,320	12.21	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	53	5,553	5,553	11.58	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	54	6,067	6,068	10.27	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	55	6,928	6,928	8.30	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	56	7,010	7,010	8.13	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	57	4,467	4,468	14.74	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
	58	4,983	4,984	13.16	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
	59	6,485	6,485	9.28	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	60	7,091	7,091	7.96	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00

Sum 27.80

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H157 H157

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,991	13,991	-1.88	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
2	13,995	13,995	-1.89	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
3	14,123	14,123	-2.01	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
4	13,328	13,328	-1.21	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
5	14,069	14,069	-1.96	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
6	12,860	12,860	-0.71	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
7	13,493	13,493	-1.38	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
8	13,764	13,764	-1.66	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
9	14,351	14,351	-2.23	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
10	13,133	13,133	-1.00	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
11	12,541	12,541	-0.35	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
12	11,895	11,895	0.40	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
13	12,588	12,588	-0.41	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
14	12,183	12,183	0.06	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
15	12,418	12,418	-0.21	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
16	10,531	10,532	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
17	10,843	10,844	1.72	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
18	11,017	11,017	1.49	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
19	10,224	10,224	2.57	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
20	10,813	10,813	1.76	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
21	11,328	11,328	1.09	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
22	11,763	11,763	0.55	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
23	12,243	12,243	-0.01	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
24	8,529	8,529	5.22	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
25	8,510	8,510	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
26	8,582	8,582	5.13	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
27	8,441	8,441	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
28	9,691	9,692	3.34	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
29	9,016	9,016	4.40	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
30	9,812	9,812	3.16	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
31	9,778	9,779	3.21	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
32	9,663	9,663	3.39	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
33	10,021	10,021	2.86	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
34	10,797	10,797	1.78	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
35	11,623	11,623	0.72	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
36	6,615	6,616	8.99	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
37	6,990	6,991	8.17	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
38	6,717	6,717	8.76	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
39	7,500	7,501	7.12	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
40	8,143	8,143	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
41	7,437	7,438	7.25	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
42	8,186	8,186	5.83	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
43	5,511	5,512	11.69	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
44	5,920	5,921	10.63	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
45	6,040	6,040	10.34	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
46	3,783	3,784	17.08	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
47	3,697	3,698	17.40	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
48	5,201	5,202	12.54	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
49	6,061	6,061	10.29	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
50	7,486	7,487	7.15	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
51	7,492	7,492	7.14	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
52	5,581	5,582	11.50	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
53	5,702	5,702	11.19	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
54	6,203	6,203	9.94	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
55	7,164	7,164	7.80	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
56	7,097	7,098	7.94	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
57	4,319	4,319	15.22	108.5	0.00	83.71	-	-	0.00	0.00	-	0.00
58	4,832	4,832	13.61	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
59	6,416	6,417	9.44	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
60	7,035	7,036	8.07	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00

Sum 25.97

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H161 H161

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,447	11,447	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
2	11,618	11,618	<b>0.73</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
3	11,981	11,981	<b>0.29</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
4	11,092	11,092	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
5	12,423	12,423	<b>-0.22</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
6	11,332	11,332	<b>1.09</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
7	11,994	11,994	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
8	12,633	12,633	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
9	13,402	13,402	<b>-1.28</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
10	12,231	12,231	<b>0.00</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
11	10,791	10,791	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
12	10,909	10,909	<b>1.63</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
13	12,168	12,168	<b>0.07</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
14	12,172	12,172	<b>0.07</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
15	12,681	12,681	<b>-0.51</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
16	9,540	9,540	<b>3.57</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
17	10,016	10,017	<b>2.86</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
18	10,379	10,379	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
19	9,994	9,994	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
20	10,788	10,788	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
21	11,629	11,629	<b>0.72</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
22	12,554	12,554	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
23	13,363	13,363	<b>-1.24</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
24	6,766	6,767	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
25	7,035	7,036	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
26	7,407	7,407	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
27	8,221	8,221	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
28	9,783	9,783	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
29	9,104	9,104	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
30	10,245	10,245	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
31	10,479	10,479	<b>2.21</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
32	10,648	10,648	<b>1.98</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
33	11,087	11,087	<b>1.40</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
34	11,747	11,747	<b>0.57</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
35	13,030	13,030	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
36	5,218	5,218	<b>12.49</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
37	5,823	5,824	<b>10.88</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
38	7,187	7,187	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
39	7,885	7,885	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
40	8,642	8,642	<b>5.03</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
41	8,343	8,343	<b>5.55</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
42	9,189	9,189	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
43	6,223	6,224	<b>9.89</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
44	7,016	7,016	<b>8.11</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
45	7,569	7,569	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
46	5,206	5,206	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
47	5,811	5,811	<b>10.91</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
48	8,154	8,154	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
49	10,038	10,038	<b>2.83</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
50	11,405	11,405	<b>0.99</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
51	11,719	11,719	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
52	9,921	9,921	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
53	10,290	10,290	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
54	10,807	10,807	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
55	11,511	11,512	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
56	11,781	11,781	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
57	9,357	9,357	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
58	9,873	9,874	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
59	11,361	11,361	<b>1.05</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
60	11,960	11,960	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00

Sum 22.76

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H163 H163

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,040	11,041	1.46	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
2	11,117	11,117	1.36	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
3	11,355	11,355	1.06	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
4	10,502	10,502	2.18	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
5	11,545	11,545	0.82	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
6	10,374	10,374	2.36	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
7	11,035	11,035	1.47	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
8	11,512	11,512	0.86	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
9	12,212	12,212	0.02	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
10	10,999	10,999	1.51	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
11	9,933	9,933	2.99	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
12	9,684	9,685	3.36	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
13	10,731	10,731	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
14	10,578	10,578	2.07	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
15	10,999	10,999	1.51	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
16	8,278	8,278	5.66	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
17	8,696	8,696	4.93	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
18	8,988	8,988	4.45	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
19	8,425	8,425	5.40	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
20	9,165	9,165	4.16	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
21	9,911	9,911	3.02	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
22	10,696	10,696	1.91	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
23	11,423	11,423	0.97	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
24	5,773	5,774	11.01	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
25	5,902	5,902	10.68	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
26	6,142	6,142	10.09	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
27	6,579	6,579	9.07	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
28	8,087	8,087	6.01	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
29	7,384	7,385	7.35	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
30	8,445	8,445	5.36	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
31	8,601	8,601	5.10	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
32	8,690	8,690	4.94	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
33	9,118	9,118	4.24	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
34	9,825	9,825	3.15	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
35	11,007	11,007	1.50	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
36	3,905	3,905	16.64	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
37	4,445	4,446	14.81	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
38	5,242	5,243	12.42	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
39	6,008	6,008	10.42	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
40	6,764	6,764	8.66	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
41	6,330	6,330	9.64	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
42	7,182	7,182	7.77	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
43	4,137	4,138	15.83	108.5	0.00	83.34	-	-	0.00	0.00	-	0.00
44	4,886	4,886	13.45	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
45	5,371	5,372	12.07	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
46	2,885	2,886	20.70	108.5	0.00	80.21	-	-	0.00	0.00	-	0.00
47	3,456	3,457	18.32	108.5	0.00	81.77	-	-	0.00	0.00	-	0.00
48	5,796	5,796	10.95	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
49	7,686	7,686	6.76	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
50	9,044	9,044	4.36	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
51	9,378	9,379	3.82	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
52	7,612	7,612	6.90	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
53	8,024	8,024	6.12	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
54	8,538	8,538	5.20	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
55	9,187	9,187	4.13	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
56	9,522	9,522	3.60	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
57	7,299	7,299	7.53	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
58	7,807	7,807	6.53	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
59	9,208	9,208	4.09	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
60	9,789	9,789	3.20	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00

Sum 27.44

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H165 H165

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,503	12,503	-0.31	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
2	12,510	12,510	-0.32	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
3	12,646	12,647	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
4	11,846	11,846	0.45	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
5	12,621	12,621	-0.44	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
6	11,414	11,414	0.98	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
7	12,053	12,053	0.21	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
8	12,359	12,359	-0.15	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
9	12,969	12,969	-0.83	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
10	11,748	11,748	0.57	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
11	11,078	11,079	1.41	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
12	10,490	10,490	2.20	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
13	11,258	11,258	1.18	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
14	10,910	10,910	1.63	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
15	11,195	11,195	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
16	9,112	9,113	4.25	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
17	9,444	9,444	3.72	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
18	9,642	9,642	3.42	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
19	8,890	8,890	4.61	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
20	9,518	9,519	3.61	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
21	10,096	10,096	2.75	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
22	10,633	10,634	2.00	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
23	11,193	11,193	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
24	7,044	7,045	8.05	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
25	7,035	7,036	8.07	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
26	7,125	7,125	7.89	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
27	7,075	7,075	7.99	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
28	8,396	8,397	5.45	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
29	7,706	7,707	6.72	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
30	8,577	8,578	5.14	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
31	8,595	8,595	5.11	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
32	8,537	8,537	5.21	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
33	8,921	8,921	4.56	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
34	9,686	9,686	3.35	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
35	10,634	10,634	2.00	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
36	5,127	5,128	12.75	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
37	5,513	5,513	11.69	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
38	5,402	5,402	11.98	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
39	6,199	6,199	9.95	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
40	6,881	6,881	8.40	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
41	6,232	6,232	9.87	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
42	7,026	7,026	8.09	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
43	4,180	4,181	15.68	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
44	4,689	4,689	14.05	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
45	4,920	4,920	13.35	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
46	2,450	2,451	22.87	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
47	2,554	2,556	22.29	108.5	0.00	79.15	-	-	0.00	0.00	-	0.00
48	4,526	4,526	14.56	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
49	5,940	5,941	10.58	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
50	7,361	7,361	7.40	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
51	7,548	7,548	7.03	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
52	5,686	5,686	11.23	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
53	5,994	5,995	10.45	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
54	6,512	6,512	9.22	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
55	7,294	7,295	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
56	7,476	7,476	7.17	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
57	5,079	5,080	12.88	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
58	5,591	5,592	11.48	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
59	7,043	7,044	8.06	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
60	7,639	7,639	6.85	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00

Sum 28.76

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H166 H166

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,242	12,242	-0.01	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
2	12,290	12,290	-0.07	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
3	12,485	12,485	-0.29	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
4	11,652	11,653	0.69	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
5	12,577	12,577	-0.39	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
6	11,385	11,385	1.02	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
7	12,038	12,038	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
8	12,433	12,434	-0.23	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
9	13,091	13,091	-0.96	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
10	11,869	11,869	0.43	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
11	10,992	10,992	1.52	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
12	10,577	10,577	2.08	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
13	11,485	11,485	0.89	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
14	11,226	11,226	1.22	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
15	11,574	11,574	0.78	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
16	9,176	9,176	4.14	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
17	9,553	9,553	3.55	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
18	9,798	9,798	3.18	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
19	9,131	9,131	4.22	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
20	9,816	9,817	3.16	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
21	10,474	10,474	2.22	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
22	11,124	11,124	1.35	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
23	11,757	11,757	0.56	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
24	6,863	6,863	8.44	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
25	6,927	6,927	8.30	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
26	7,095	7,095	7.95	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
27	7,283	7,283	7.56	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
28	8,706	8,706	4.92	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
29	8,003	8,003	6.16	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
30	8,968	8,968	4.48	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
31	9,047	9,047	4.35	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
32	9,052	9,052	4.34	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
33	9,457	9,458	3.70	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
34	10,203	10,203	2.60	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
35	11,253	11,253	1.19	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
36	4,942	4,942	13.28	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
37	5,415	5,416	11.95	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
38	5,736	5,737	11.10	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
39	6,535	6,535	9.17	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
40	7,260	7,260	7.61	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
41	6,696	6,697	8.81	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
42	7,527	7,527	7.07	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
43	4,532	4,532	14.53	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
44	5,164	5,165	12.64	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
45	5,510	5,511	11.69	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
46	2,918	2,919	20.55	108.5	0.00	80.31	-	-	0.00	0.00	-	0.00
47	3,248	3,249	19.15	108.5	0.00	81.24	-	-	0.00	0.00	-	0.00
48	5,428	5,429	11.91	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
49	6,994	6,994	8.16	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
50	8,405	8,405	5.44	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
51	8,621	8,622	5.06	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
52	6,770	6,771	8.64	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
53	7,087	7,087	7.96	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
54	7,604	7,605	6.92	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
55	8,377	8,377	5.48	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
56	8,568	8,569	5.15	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
57	6,122	6,123	10.14	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
58	6,637	6,638	8.94	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
59	8,117	8,117	5.95	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
60	8,717	8,717	4.90	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00

Sum 26.92

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H167 H167

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,751	11,751	<b>0.57</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
2	11,676	11,676	<b>0.66</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
3	11,696	11,696	<b>0.63</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
4	10,976	10,976	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
5	11,450	11,450	<b>0.94</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
6	10,243	10,243	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
7	10,841	10,842	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
8	10,985	10,985	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
9	11,505	11,505	<b>0.87</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
10	10,306	10,306	<b>2.45</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
11	10,022	10,022	<b>2.86</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
12	9,134	9,135	<b>4.21</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
13	9,653	9,653	<b>3.40</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
14	9,175	9,175	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
15	9,365	9,365	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
16	7,840	7,840	<b>6.47</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
17	8,080	8,080	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
18	8,189	8,189	<b>5.82</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
19	7,317	7,317	<b>7.49</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
20	7,839	7,839	<b>6.47</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
21	8,285	8,285	<b>5.65</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
22	8,667	8,667	<b>4.98</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
23	9,139	9,139	<b>4.20</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
24	6,354	6,355	<b>9.59</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
25	6,200	6,200	<b>9.95</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
26	6,128	6,128	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
27	5,635	5,636	<b>11.36</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
28	6,729	6,730	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
29	6,084	6,084	<b>10.23</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
30	6,779	6,779	<b>8.62</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
31	6,709	6,709	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
32	6,569	6,569	<b>9.09</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
33	6,921	6,921	<b>8.32</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
34	7,697	7,698	<b>6.74</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
35	8,527	8,528	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
36	4,646	4,647	<b>14.17</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
37	4,800	4,801	<b>13.70</b>	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
38	3,854	3,855	<b>16.82</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
39	4,586	4,587	<b>14.36</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
40	5,157	5,158	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
41	4,403	4,403	<b>14.95</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
42	5,112	5,112	<b>12.79</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
43	2,761	2,762	<b>21.26</b>	108.5	0.00	79.82	-	-	0.00	0.00	-	0.00
44	2,952	2,953	<b>20.40</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
45	2,964	2,965	<b>20.35</b>	108.5	0.00	80.44	-	-	0.00	0.00	-	0.00
46	1,417	1,419	<b>29.99</b>	108.5	0.00	74.04	-	-	0.00	0.00	-	0.00
47	838	842	<b>36.12</b>	108.5	0.00	69.51	-	-	0.00	0.00	-	0.00
48	2,304	2,305	<b>23.71</b>	108.5	0.00	78.25	-	-	0.00	0.00	-	0.00
49	4,014	4,015	<b>16.26</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
50	5,373	5,374	<b>12.06</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
51	5,716	5,716	<b>11.15</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
52	4,014	4,015	<b>16.26</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
53	4,524	4,525	<b>14.56</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
54	5,020	5,021	<b>13.06</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
55	5,549	5,549	<b>11.59</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
56	6,010	6,010	<b>10.41</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
57	4,408	4,409	<b>14.93</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
58	4,844	4,845	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
59	5,945	5,946	<b>10.57</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
60	6,466	6,467	<b>9.33</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00

Sum 37.98



Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H168 H168

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,037	13,037	-0.90	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
2	12,958	12,958	-0.81	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
3	12,967	12,967	-0.82	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
4	12,256	12,256	-0.03	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
5	12,690	12,690	-0.52	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
6	11,487	11,487	0.89	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
7	12,075	12,075	0.18	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
8	12,179	12,179	0.06	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
9	12,669	12,669	-0.50	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
10	11,483	11,483	0.90	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
11	11,284	11,284	1.15	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
12	10,342	10,342	2.40	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
13	10,774	10,774	1.81	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
14	10,236	10,237	2.55	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
15	10,368	10,368	2.36	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
16	9,074	9,074	4.31	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
17	9,292	9,292	3.96	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
18	9,375	9,375	3.83	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
19	8,470	8,470	5.32	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
20	8,940	8,940	4.53	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
21	9,310	9,311	3.93	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
22	9,570	9,570	3.53	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
23	9,943	9,943	2.97	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
24	7,644	7,644	6.84	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
25	7,489	7,489	7.14	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
26	7,409	7,409	7.30	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
27	6,849	6,849	8.47	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
28	7,849	7,850	6.45	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
29	7,232	7,232	7.66	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
30	7,831	7,831	6.48	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
31	7,704	7,704	6.72	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
32	7,498	7,498	7.13	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
33	7,813	7,813	6.52	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
34	8,591	8,591	5.11	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
35	9,266	9,266	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
36	5,918	5,919	10.64	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
37	6,088	6,089	10.22	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
38	5,067	5,068	12.92	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
39	5,763	5,764	11.03	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
40	6,277	6,277	9.77	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
41	5,483	5,483	11.77	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
42	6,116	6,116	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
43	4,027	4,028	16.21	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
44	4,127	4,128	15.86	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
45	4,014	4,015	16.25	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
46	2,670	2,671	21.68	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00
47	2,127	2,129	24.78	108.5	0.00	77.56	-	-	0.00	0.00	-	0.00
48	2,727	2,728	21.42	108.5	0.00	79.72	-	-	0.00	0.00	-	0.00
49	3,611	3,612	17.72	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
50	5,042	5,042	12.99	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
51	5,183	5,183	12.59	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
52	3,317	3,318	18.87	108.5	0.00	81.42	-	-	0.00	0.00	-	0.00
53	3,660	3,661	17.54	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
54	4,177	4,177	15.70	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
55	4,925	4,926	13.33	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
56	5,155	5,156	12.67	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
57	3,174	3,175	19.45	108.5	0.00	81.04	-	-	0.00	0.00	-	0.00
58	3,637	3,638	17.62	108.5	0.00	82.22	-	-	0.00	0.00	-	0.00
59	4,881	4,881	13.46	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
60	5,442	5,443	11.87	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00

Sum 31.42

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H169 H169

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,492	13,492	-1.38	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
2	13,362	13,362	-1.24	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
3	13,293	13,293	-1.17	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
4	12,648	12,648	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
5	12,863	12,863	-0.71	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
6	11,686	11,686	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
7	12,231	12,231	0.00	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
8	12,203	12,203	0.03	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
9	12,606	12,606	-0.43	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
10	11,466	11,466	0.92	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
11	11,571	11,572	0.79	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
12	10,429	10,430	2.28	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
13	10,629	10,629	2.01	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
14	9,977	9,977	2.92	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
15	9,999	9,999	2.89	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
16	9,270	9,270	3.99	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
17	9,408	9,408	3.78	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
18	9,414	9,414	3.77	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
19	8,441	8,441	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
20	8,786	8,786	4.78	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
21	9,000	9,000	4.43	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
22	9,052	9,052	4.34	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
23	9,278	9,278	3.98	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
24	8,276	8,277	5.66	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
25	8,045	8,046	6.08	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
26	7,871	7,871	6.41	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
27	7,028	7,029	8.09	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
28	7,761	7,762	6.61	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
29	7,224	7,225	7.68	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
30	7,604	7,604	6.92	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
31	7,379	7,379	7.36	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
32	7,073	7,073	7.99	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
33	7,322	7,322	7.48	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
34	8,080	8,081	6.02	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
35	8,530	8,530	5.22	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
36	6,741	6,742	8.71	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
37	6,788	6,789	8.60	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
38	5,319	5,320	12.21	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
39	5,881	5,882	10.73	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
40	6,239	6,240	9.86	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
41	5,407	5,408	11.97	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
42	5,868	5,869	10.76	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
43	4,527	4,528	14.55	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
44	4,349	4,350	15.12	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
45	4,002	4,004	16.29	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
46	3,641	3,643	17.60	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
47	2,952	2,954	20.40	108.5	0.00	80.41	-	-	0.00	0.00	-	0.00
48	2,130	2,131	24.77	108.5	0.00	77.57	-	-	0.00	0.00	-	0.00
49	2,134	2,136	24.74	108.5	0.00	77.59	-	-	0.00	0.00	-	0.00
50	3,564	3,565	17.90	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
51	3,669	3,670	17.50	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
52	1,815	1,817	26.87	108.5	0.00	76.19	-	-	0.00	0.00	-	0.00
53	2,250	2,252	24.02	108.5	0.00	78.05	-	-	0.00	0.00	-	0.00
54	2,753	2,755	21.29	108.5	0.00	79.80	-	-	0.00	0.00	-	0.00
55	3,416	3,418	18.47	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
56	3,743	3,744	17.23	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
57	2,529	2,531	22.42	108.5	0.00	79.07	-	-	0.00	0.00	-	0.00
58	2,847	2,849	20.86	108.5	0.00	80.09	-	-	0.00	0.00	-	0.00
59	3,706	3,708	17.36	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
60	4,202	4,204	15.61	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00

Sum 34.06

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H170 H170

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	12,862	12,863	-0.71	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	2	12,661	12,661	-0.49	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	3	12,483	12,483	-0.29	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	4	11,948	11,948	0.33	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	5	11,854	11,854	0.44	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	6	10,740	10,741	1.85	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	7	11,212	11,212	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	8	11,013	11,013	1.49	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	9	11,298	11,298	1.13	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	10	10,241	10,241	2.54	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	11	10,750	10,750	1.84	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	12	9,370	9,371	3.84	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	13	9,266	9,266	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	14	8,493	8,493	5.28	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	15	8,387	8,387	5.47	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	16	8,404	8,404	5.44	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	17	8,426	8,426	5.40	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	18	8,328	8,329	5.57	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	19	7,308	7,308	7.51	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	20	7,474	7,474	7.17	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	21	7,486	7,486	7.15	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	22	7,302	7,302	7.52	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	23	7,375	7,375	7.37	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	24	8,101	8,102	5.98	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	25	7,769	7,770	6.60	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	26	7,464	7,465	7.19	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	27	6,274	6,274	9.77	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	28	6,586	6,586	9.05	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	29	6,193	6,194	9.97	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	30	6,256	6,256	9.82	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	31	5,917	5,918	10.64	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	32	5,504	5,504	11.71	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	33	5,660	5,661	11.30	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	34	6,367	6,367	9.56	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	35	6,575	6,575	9.08	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	36	6,969	6,970	8.21	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	37	6,823	6,824	8.53	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	38	4,859	4,860	13.53	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	39	5,153	5,154	12.67	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
	40	5,251	5,251	12.40	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
	41	4,460	4,461	14.76	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00
	42	4,625	4,625	14.24	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
	43	4,561	4,562	14.44	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
	44	4,023	4,024	16.22	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
	45	3,422	3,424	18.45	108.5	0.00	81.69	-	-	0.00	0.00	-	0.00
	46	4,508	4,509	14.61	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	47	3,822	3,824	16.94	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	48	1,581	1,584	28.62	108.5	0.00	74.99	-	-	0.00	0.00	-	0.00
	49	944	948	34.77	108.5	0.00	70.54	-	-	0.00	0.00	-	0.00
	50	1,885	1,887	26.38	108.5	0.00	76.51	-	-	0.00	0.00	-	0.00
	51	2,483	2,485	22.68	108.5	0.00	78.91	-	-	0.00	0.00	-	0.00
	52	1,776	1,778	27.15	108.5	0.00	76.00	-	-	0.00	0.00	-	0.00
	53	2,528	2,530	22.43	108.5	0.00	79.06	-	-	0.00	0.00	-	0.00
	54	2,753	2,754	21.29	108.5	0.00	79.80	-	-	0.00	0.00	-	0.00
	55	2,528	2,530	22.43	108.5	0.00	79.06	-	-	0.00	0.00	-	0.00
	56	3,514	3,515	18.09	108.5	0.00	81.92	-	-	0.00	0.00	-	0.00
	57	4,121	4,122	15.88	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	58	4,210	4,212	15.58	108.5	0.00	83.49	-	-	0.00	0.00	-	0.00
	59	4,234	4,235	15.50	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	60	4,473	4,475	14.72	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00

Sum 37.83

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H171 H171

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,500	13,501	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
2	13,272	13,273	-1.15	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
3	13,050	13,050	-0.91	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
4	12,565	12,565	-0.38	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
5	12,336	12,336	-0.12	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
6	11,263	11,263	1.17	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
7	11,696	11,696	0.64	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
8	11,412	11,412	0.98	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
9	11,629	11,629	0.72	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
10	10,630	10,630	2.00	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
11	11,328	11,328	1.09	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
12	9,856	9,856	3.10	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
13	9,588	9,589	3.50	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
14	8,752	8,752	4.84	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
15	8,558	8,559	5.17	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
16	8,992	8,993	4.44	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
17	8,962	8,962	4.49	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
18	8,817	8,817	4.73	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
19	7,792	7,793	6.56	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
20	7,858	7,858	6.43	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
21	7,743	7,743	6.65	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
22	7,383	7,383	7.36	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
23	7,309	7,310	7.51	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
24	8,932	8,933	4.54	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
25	8,577	8,577	5.14	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
26	8,237	8,238	5.73	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
27	6,950	6,951	8.25	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
28	7,066	7,066	8.01	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
29	6,755	6,755	8.68	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
30	6,649	6,650	8.91	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
31	6,251	6,252	9.83	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
32	5,779	5,780	10.99	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
33	5,860	5,861	10.78	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
34	6,502	6,503	9.24	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
35	6,469	6,469	9.32	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
36	7,906	7,907	6.34	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
37	7,722	7,723	6.69	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
38	5,676	5,677	11.25	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
39	5,873	5,874	10.75	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
40	5,863	5,863	10.78	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
41	5,123	5,124	12.76	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
42	5,139	5,140	12.71	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
43	5,502	5,503	11.71	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
44	4,906	4,907	13.39	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
45	4,267	4,269	15.39	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
46	5,536	5,537	11.62	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
47	4,853	4,854	13.55	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
48	2,582	2,584	22.14	108.5	0.00	79.24	-	-	0.00	0.00	-	0.00
49	956	961	34.62	108.5	0.00	70.66	-	-	0.00	0.00	-	0.00
50	887	893	35.46	108.5	0.00	70.02	-	-	0.00	0.00	-	0.00
51	1,650	1,654	28.08	108.5	0.00	75.37	-	-	0.00	0.00	-	0.00
52	1,865	1,868	26.51	108.5	0.00	76.43	-	-	0.00	0.00	-	0.00
53	2,473	2,476	22.73	108.5	0.00	78.87	-	-	0.00	0.00	-	0.00
54	2,498	2,501	22.59	108.5	0.00	78.96	-	-	0.00	0.00	-	0.00
55	1,847	1,851	26.63	108.5	0.00	76.35	-	-	0.00	0.00	-	0.00
56	3,013	3,015	20.13	108.5	0.00	80.59	-	-	0.00	0.00	-	0.00
57	4,417	4,418	14.90	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
58	4,385	4,387	15.00	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
59	4,009	4,011	16.27	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
60	4,108	4,110	15.93	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00

Sum 39.58

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H172 H172

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,969	13,969	-1.86	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
2	13,752	13,752	-1.64	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
3	13,546	13,547	-1.43	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
4	13,042	13,042	-0.90	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
5	12,860	12,861	-0.71	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
6	11,774	11,774	0.54	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
7	12,219	12,219	0.01	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
8	11,958	11,958	0.32	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
9	12,190	12,190	0.05	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
10	11,178	11,178	1.28	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
11	11,819	11,819	0.49	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
12	10,377	10,378	2.35	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
13	10,150	10,150	2.67	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
14	9,324	9,324	3.91	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
15	9,142	9,142	4.20	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
16	9,478	9,478	3.67	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
17	9,466	9,466	3.69	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
18	9,336	9,336	3.89	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
19	8,311	8,312	5.60	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
20	8,404	8,404	5.44	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
21	8,314	8,314	5.60	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
22	7,974	7,974	6.21	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
23	7,905	7,905	6.34	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
24	9,289	9,290	3.96	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
25	8,950	8,951	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
26	8,633	8,633	5.04	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
27	7,395	7,396	7.33	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
28	7,585	7,586	6.95	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
29	7,247	7,247	7.63	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
30	7,191	7,192	7.75	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
31	6,806	6,806	8.57	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
32	6,344	6,344	9.61	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
33	6,437	6,438	9.39	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
34	7,088	7,088	7.96	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
35	7,064	7,064	8.01	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
36	8,168	8,169	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
37	8,023	8,023	6.12	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
38	6,040	6,041	10.34	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
39	6,295	6,295	9.72	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
40	6,333	6,334	9.63	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
41	5,570	5,571	11.53	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
42	5,643	5,643	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
43	5,760	5,761	11.04	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
44	5,220	5,221	12.49	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
45	4,609	4,610	14.29	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
46	5,617	5,619	11.41	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
47	4,915	4,916	13.36	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
48	2,766	2,768	21.23	108.5	0.00	79.84	-	-	0.00	0.00	-	0.00
49	574	581	40.17	108.5	0.00	66.29	-	-	0.00	0.00	-	0.00
50	858	863	35.85	108.5	0.00	69.72	-	-	0.00	0.00	-	0.00
51	1,283	1,287	31.18	108.5	0.00	73.19	-	-	0.00	0.00	-	0.00
52	1,333	1,337	30.72	108.5	0.00	73.52	-	-	0.00	0.00	-	0.00
53	1,889	1,892	26.34	108.5	0.00	76.54	-	-	0.00	0.00	-	0.00
54	1,903	1,906	26.25	108.5	0.00	76.60	-	-	0.00	0.00	-	0.00
55	1,358	1,363	30.49	108.5	0.00	73.69	-	-	0.00	0.00	-	0.00
56	2,461	2,462	22.80	108.5	0.00	78.83	-	-	0.00	0.00	-	0.00
57	3,881	3,883	16.72	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
58	3,821	3,823	16.94	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
59	3,416	3,417	18.47	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
60	3,531	3,532	18.02	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00

Sum 42.91

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H173 H173

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,577	14,578	-2.45	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
2	14,355	14,355	-2.24	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
3	14,139	14,140	-2.03	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
4	13,646	13,646	-1.54	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
5	13,431	13,432	-1.32	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
6	12,357	12,357	-0.14	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
7	12,791	12,791	-0.63	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
8	12,505	12,505	-0.31	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
9	12,715	12,715	-0.55	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
10	11,723	11,723	0.60	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
11	12,415	12,415	-0.21	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
12	10,951	10,951	1.58	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
13	10,675	10,675	1.94	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
14	9,829	9,829	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
15	9,616	9,616	3.46	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
16	10,077	10,077	2.78	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
17	10,053	10,054	2.81	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
18	9,911	9,912	3.02	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
19	8,887	8,887	4.61	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
20	8,951	8,952	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
21	8,821	8,821	4.72	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
22	8,417	8,418	5.41	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
23	8,287	8,287	5.64	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
24	9,924	9,924	3.00	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
25	9,583	9,584	3.51	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
26	9,263	9,263	4.01	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
27	8,012	8,013	6.14	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
28	8,160	8,161	5.87	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
29	7,842	7,842	6.46	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
30	7,744	7,744	6.65	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
31	7,342	7,343	7.44	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
32	6,864	6,864	8.44	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
33	6,932	6,933	8.29	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
34	7,557	7,557	7.01	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
35	7,434	7,434	7.25	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
36	8,797	8,798	4.76	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
37	8,656	8,657	5.00	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
38	6,674	6,674	8.86	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
39	6,918	6,919	8.32	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
40	6,940	6,940	8.28	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
41	6,186	6,186	9.98	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
42	6,230	6,230	9.88	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
43	6,390	6,390	9.50	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
44	5,854	5,855	10.80	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
45	5,243	5,244	12.42	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
46	6,199	6,200	9.95	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
47	5,491	5,492	11.74	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
48	3,390	3,391	18.58	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
49	1,071	1,074	33.33	108.5	0.00	71.62	-	-	0.00	0.00	-	0.00
50	696	701	38.15	108.5	0.00	67.91	-	-	0.00	0.00	-	0.00
51	660	665	38.73	108.5	0.00	67.46	-	-	0.00	0.00	-	0.00
52	1,438	1,440	29.81	108.5	0.00	74.17	-	-	0.00	0.00	-	0.00
53	1,746	1,748	27.37	108.5	0.00	75.85	-	-	0.00	0.00	-	0.00
54	1,589	1,591	28.56	108.5	0.00	75.03	-	-	0.00	0.00	-	0.00
55	752	758	37.29	108.5	0.00	68.60	-	-	0.00	0.00	-	0.00
56	1,936	1,938	26.03	108.5	0.00	76.74	-	-	0.00	0.00	-	0.00
57	3,845	3,847	16.85	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
58	3,702	3,703	17.38	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
59	3,037	3,039	20.03	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
60	3,063	3,064	19.92	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00

Sum 43.93

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area: H174 H174**

WTG			95% rated power										
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,034	16,034	-3.76	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
	2	15,775	15,775	-3.54	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
	3	15,497	15,497	-3.29	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	4	15,078	15,078	-2.92	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
	5	14,673	14,673	-2.54	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	6	13,667	13,667	-1.56	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	7	14,041	14,041	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	8	13,636	13,636	-1.53	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	9	13,740	13,740	-1.63	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	10	12,850	12,850	-0.70	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	11	13,801	13,802	-1.69	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	12	12,226	12,227	0.01	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	13	11,725	11,725	0.60	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	14	10,807	10,808	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	15	10,473	10,473	2.22	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	16	11,502	11,502	0.87	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	17	11,410	11,410	0.99	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	18	11,207	11,207	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	19	10,196	10,196	2.61	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	20	10,127	10,128	2.70	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	21	9,828	9,829	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	22	9,188	9,188	4.12	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	23	8,839	8,839	4.69	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	24	11,657	11,658	0.68	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	25	11,289	11,289	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	26	10,928	10,928	1.61	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	27	9,573	9,573	3.52	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	28	9,480	9,481	3.67	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	29	9,269	9,269	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	30	8,967	8,967	4.48	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	31	8,505	8,505	5.26	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	32	7,973	7,974	6.21	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	33	7,942	7,942	6.27	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	34	8,446	8,446	5.36	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	35	7,973	7,973	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	36	10,659	10,659	1.96	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	37	10,474	10,474	2.22	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	38	8,404	8,405	5.44	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	39	8,542	8,543	5.20	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	40	8,444	8,444	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	41	7,761	7,762	6.61	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	42	7,646	7,647	6.84	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	43	8,253	8,254	5.70	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	44	7,657	7,657	6.81	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	45	7,012	7,013	8.12	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	46	8,167	8,167	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	47	7,462	7,462	7.20	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	48	5,296	5,297	12.27	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
	49	3,048	3,049	19.99	108.5	0.00	80.68	-	-	0.00	0.00	-	0.00
	50	1,869	1,870	26.49	108.5	0.00	76.44	-	-	0.00	0.00	-	0.00
	51	1,347	1,350	30.60	108.5	0.00	73.61	-	-	0.00	0.00	-	0.00
	52	3,228	3,229	19.23	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
	53	3,159	3,160	19.52	108.5	0.00	80.99	-	-	0.00	0.00	-	0.00
	54	2,722	2,723	21.44	108.5	0.00	79.70	-	-	0.00	0.00	-	0.00
	55	1,632	1,634	28.23	108.5	0.00	75.27	-	-	0.00	0.00	-	0.00
	56	2,196	2,197	24.36	108.5	0.00	77.84	-	-	0.00	0.00	-	0.00
	57	5,141	5,141	12.71	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	58	4,830	4,831	13.61	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
	59	3,541	3,543	17.99	108.5	0.00	81.99	-	-	0.00	0.00	-	0.00
	60	3,201	3,203	19.34	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00

Sum 35.13

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H175 H175

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,135	15,136	-2.97	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00
2	14,869	14,869	-2.72	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
3	14,581	14,581	-2.45	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
4	14,175	14,176	-2.06	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
5	13,742	13,742	-1.63	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
6	12,745	12,745	-0.58	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
7	13,111	13,111	-0.98	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
8	12,696	12,696	-0.53	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
9	12,796	12,796	-0.64	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
10	11,911	11,911	0.38	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
11	12,892	12,892	-0.74	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
12	11,302	11,302	1.12	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
13	10,783	10,783	1.80	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
14	9,863	9,863	3.09	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
15	9,528	9,529	3.59	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
16	10,604	10,604	2.04	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
17	10,499	10,499	2.18	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
18	10,286	10,286	2.48	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
19	9,280	9,280	3.98	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
20	9,195	9,195	4.11	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
21	8,885	8,885	4.62	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
22	8,245	8,245	5.72	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
23	7,910	7,910	6.33	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
24	10,862	10,862	1.69	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
25	10,480	10,481	2.21	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
26	10,102	10,103	2.74	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
27	8,715	8,716	4.90	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
28	8,567	8,568	5.15	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
29	8,377	8,377	5.48	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
30	8,042	8,042	6.09	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
31	7,574	7,574	6.98	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
32	7,039	7,039	8.07	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
33	7,001	7,001	8.15	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
34	7,501	7,501	7.12	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
35	7,043	7,043	8.06	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
36	9,952	9,952	2.96	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
37	9,733	9,733	3.28	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
38	7,621	7,622	6.88	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
39	7,711	7,712	6.71	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
40	7,574	7,575	6.98	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
41	6,918	6,918	8.32	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
42	6,759	6,760	8.67	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
43	7,560	7,561	7.00	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
44	6,922	6,923	8.31	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
45	6,262	6,263	9.80	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
46	7,631	7,632	6.86	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
47	6,942	6,943	8.27	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
48	4,681	4,682	14.07	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
49	2,650	2,651	21.77	108.5	0.00	79.47	-	-	0.00	0.00	-	0.00
50	1,252	1,256	31.48	108.5	0.00	72.98	-	-	0.00	0.00	-	0.00
51	1,271	1,274	31.30	108.5	0.00	73.10	-	-	0.00	0.00	-	0.00
52	3,101	3,103	19.76	108.5	0.00	80.83	-	-	0.00	0.00	-	0.00
53	3,258	3,259	19.11	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
54	2,927	2,928	20.51	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
55	1,725	1,728	27.52	108.5	0.00	75.75	-	-	0.00	0.00	-	0.00
56	2,705	2,706	21.52	108.5	0.00	79.65	-	-	0.00	0.00	-	0.00
57	5,352	5,353	12.12	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
58	5,120	5,121	12.77	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
59	4,054	4,056	16.11	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
60	3,829	3,830	16.91	108.5	0.00	82.66	-	-	0.00	0.00	-	0.00

Sum 36.24



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H198 H198

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,316	14,316	-2.20	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
2	14,038	14,039	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
3	13,733	13,733	-1.62	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
4	13,350	13,351	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
5	12,867	12,867	-0.71	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
6	11,889	11,889	0.40	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
7	12,239	12,240	-0.01	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
8	11,802	11,803	0.51	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
9	11,887	11,888	0.40	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
10	11,018	11,018	1.49	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
11	12,056	12,056	0.20	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
12	10,441	10,441	2.26	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
13	9,880	9,880	3.06	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
14	8,953	8,953	4.50	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
15	8,608	8,608	5.08	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
16	9,789	9,789	3.20	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
17	9,663	9,663	3.39	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
18	9,434	9,434	3.74	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
19	8,436	8,436	5.38	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
20	8,318	8,319	5.59	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
21	7,981	7,981	6.20	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
22	7,320	7,320	7.48	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
23	6,983	6,983	8.18	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
24	10,196	10,197	2.61	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
25	9,799	9,800	3.18	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
26	9,399	9,400	3.79	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
27	7,969	7,970	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
28	7,731	7,731	6.67	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
29	7,578	7,578	6.97	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
30	7,182	7,183	7.77	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
31	6,703	6,704	8.79	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
32	6,160	6,161	10.05	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
33	6,104	6,105	10.18	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
34	6,587	6,587	9.05	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
35	6,116	6,116	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
36	9,407	9,408	3.78	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
37	9,145	9,146	4.19	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
38	6,990	6,991	8.17	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
39	7,009	7,010	8.13	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
40	6,814	6,815	8.55	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
41	6,202	6,203	9.94	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
42	5,974	5,974	10.50	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
43	7,051	7,052	8.04	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
44	6,363	6,364	9.56	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
45	5,689	5,691	11.22	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
46	7,316	7,317	7.49	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
47	6,656	6,657	8.90	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
48	4,326	4,327	15.20	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
49	2,692	2,694	21.57	108.5	0.00	79.61	-	-	0.00	0.00	-	0.00
50	1,319	1,323	30.85	108.5	0.00	73.43	-	-	0.00	0.00	-	0.00
51	1,866	1,869	26.50	108.5	0.00	76.43	-	-	0.00	0.00	-	0.00
52	3,379	3,381	18.62	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
53	3,718	3,720	17.32	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
54	3,488	3,489	18.19	108.5	0.00	81.85	-	-	0.00	0.00	-	0.00
55	2,334	2,337	23.52	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
56	3,467	3,469	18.27	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
57	5,824	5,826	10.87	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
58	5,660	5,661	11.29	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
59	4,777	4,778	13.77	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
60	4,625	4,626	14.24	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00

Sum 34.17

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H199 H199

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,640	12,641	-0.46	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
2	12,363	12,364	-0.15	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
3	12,063	12,063	0.20	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
4	11,675	11,675	0.66	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
5	11,214	11,214	1.24	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
6	10,222	10,222	2.57	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
7	10,583	10,584	2.07	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
8	10,175	10,175	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
9	10,295	10,295	2.47	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
10	9,389	9,389	3.81	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
11	10,382	10,382	2.34	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
12	8,776	8,777	4.80	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
13	8,272	8,272	5.67	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
14	7,368	7,368	7.39	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
15	7,075	7,075	7.99	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
16	8,113	8,114	5.96	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
17	7,988	7,989	6.19	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
18	7,764	7,765	6.61	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
19	6,763	6,763	8.66	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
20	6,667	6,667	8.87	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
21	6,379	6,380	9.53	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
22	5,827	5,827	10.87	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
23	5,628	5,628	11.38	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
24	8,608	8,609	5.08	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
25	8,197	8,198	5.80	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
26	7,780	7,781	6.58	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
27	6,322	6,322	9.66	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
28	6,056	6,057	10.30	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
29	5,905	5,906	10.67	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
30	5,516	5,517	11.68	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
31	5,046	5,047	12.98	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
32	4,512	4,512	14.60	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
33	4,487	4,487	14.68	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
34	5,026	5,026	13.04	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
35	4,769	4,769	13.80	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
36	7,955	7,956	6.25	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
37	7,644	7,645	6.84	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
38	5,457	5,458	11.83	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
39	5,402	5,402	11.98	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
40	5,161	5,162	12.65	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
41	4,587	4,588	14.36	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
42	4,308	4,309	15.26	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
43	5,678	5,679	11.25	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
44	4,934	4,935	13.31	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
45	4,256	4,258	15.43	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
46	6,235	6,236	9.87	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
47	5,643	5,644	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
48	3,333	3,334	18.80	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
49	2,739	2,741	21.36	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00
50	2,058	2,060	25.22	108.5	0.00	77.28	-	-	0.00	0.00	-	0.00
51	2,955	2,957	20.39	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
52	3,669	3,670	17.50	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
53	4,265	4,266	15.40	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
54	4,232	4,233	15.51	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
55	3,331	3,333	18.81	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
56	4,561	4,562	14.44	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
57	6,217	6,218	9.91	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
58	6,190	6,191	9.97	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
59	5,709	5,710	11.17	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
60	5,716	5,717	11.15	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00

Sum 31.53

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H200 H200

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,035	12,035	<b>0.23</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
2	11,784	11,784	<b>0.53</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
3	11,526	11,526	<b>0.84</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
4	11,083	11,084	<b>1.40</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
5	10,759	10,759	<b>1.83</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
6	9,714	9,714	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
7	10,121	10,121	<b>2.71</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
8	9,799	9,799	<b>3.18</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
9	9,995	9,995	<b>2.90</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
10	9,015	9,015	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
11	9,818	9,818	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
12	8,289	8,289	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
13	7,956	7,956	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
14	7,109	7,109	<b>7.92</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
15	6,912	6,912	<b>8.34</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
16	7,505	7,506	<b>7.11</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
17	7,433	7,433	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
18	7,256	7,256	<b>7.61</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
19	6,236	6,236	<b>9.86</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
20	6,249	6,249	<b>9.83</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
21	6,101	6,101	<b>10.19</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
22	5,747	5,748	<b>11.07</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
23	5,726	5,726	<b>11.13</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
24	7,771	7,772	<b>6.59</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
25	7,376	7,377	<b>7.37</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
26	6,984	6,984	<b>8.18</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
27	5,583	5,583	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
28	5,513	5,513	<b>11.68</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
29	5,269	5,269	<b>12.35</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
30	5,052	5,052	<b>12.96</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
31	4,632	4,633	<b>14.22</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
32	4,145	4,145	<b>15.81</b>	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
33	4,215	4,215	<b>15.57</b>	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
34	4,857	4,858	<b>13.53</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
35	4,905	4,905	<b>13.39</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
36	7,024	7,025	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
37	6,737	6,738	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
38	4,569	4,570	<b>14.42</b>	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
39	4,592	4,593	<b>14.35</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
40	4,444	4,444	<b>14.82</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
41	3,791	3,792	<b>17.05</b>	108.5	0.00	82.58	-	-	0.00	0.00	-	0.00
42	3,645	3,645	<b>17.59</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
43	4,717	4,718	<b>13.96</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
44	3,988	3,989	<b>16.35</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
45	3,310	3,311	<b>18.90</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00
46	5,259	5,260	<b>12.37</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
47	4,678	4,679	<b>14.08</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
48	2,397	2,398	<b>23.17</b>	108.5	0.00	78.60	-	-	0.00	0.00	-	0.00
49	2,395	2,397	<b>23.17</b>	108.5	0.00	78.59	-	-	0.00	0.00	-	0.00
50	2,284	2,285	<b>23.83</b>	108.5	0.00	78.18	-	-	0.00	0.00	-	0.00
51	3,185	3,187	<b>19.41</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
52	3,344	3,345	<b>18.76</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
53	4,038	4,039	<b>16.17</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
54	4,125	4,126	<b>15.87</b>	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
55	3,461	3,462	<b>18.30</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
56	4,654	4,654	<b>14.15</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
57	5,808	5,809	<b>10.91</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
58	5,859	5,860	<b>10.79</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
59	5,642	5,642	<b>11.34</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
60	5,755	5,756	<b>11.05</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00

Sum 32.50

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H201 H201

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,399	12,399	-0.19	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
2	12,193	12,193	0.04	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
3	12,008	12,008	0.26	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
4	11,480	11,481	0.90	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
5	11,371	11,372	1.04	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
6	10,261	10,261	2.51	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
7	10,729	10,730	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
8	10,528	10,528	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
9	10,814	10,814	1.76	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
10	9,756	9,756	3.25	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
11	10,276	10,277	2.49	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
12	8,888	8,888	4.61	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
13	8,782	8,782	4.79	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
14	8,013	8,013	6.14	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
15	7,916	7,916	6.32	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
16	7,931	7,931	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
17	7,946	7,947	6.27	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
18	7,846	7,846	6.45	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
19	6,824	6,825	8.53	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
20	6,989	6,989	8.17	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
21	7,006	7,007	8.13	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
22	6,845	6,845	8.48	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
23	6,946	6,946	8.26	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
24	7,694	7,695	6.74	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
25	7,352	7,352	7.42	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
26	7,033	7,034	8.08	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
27	5,814	5,815	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
28	6,102	6,102	10.19	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
29	5,715	5,716	11.15	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
30	5,771	5,771	11.01	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
31	5,434	5,435	11.90	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
32	5,025	5,026	13.04	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
33	5,190	5,190	12.57	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
34	5,903	5,904	10.68	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
35	6,159	6,159	10.05	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
36	6,629	6,630	8.96	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
37	6,454	6,455	9.35	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
38	4,442	4,443	14.82	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
39	4,703	4,704	14.00	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
40	4,778	4,779	13.77	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
41	3,995	3,996	16.32	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
42	4,141	4,142	15.82	108.5	0.00	83.34	-	-	0.00	0.00	-	0.00
43	4,224	4,225	15.54	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
44	3,640	3,642	17.61	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
45	3,016	3,018	20.12	108.5	0.00	80.59	-	-	0.00	0.00	-	0.00
46	4,332	4,333	15.18	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
47	3,673	3,674	17.49	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
48	1,343	1,345	30.64	108.5	0.00	73.58	-	-	0.00	0.00	-	0.00
49	1,421	1,424	29.95	108.5	0.00	74.07	-	-	0.00	0.00	-	0.00
50	2,165	2,167	24.55	108.5	0.00	77.72	-	-	0.00	0.00	-	0.00
51	2,862	2,863	20.80	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
52	2,257	2,259	23.98	108.5	0.00	78.08	-	-	0.00	0.00	-	0.00
53	3,012	3,013	20.14	108.5	0.00	80.58	-	-	0.00	0.00	-	0.00
54	3,236	3,237	19.20	108.5	0.00	81.20	-	-	0.00	0.00	-	0.00
55	2,954	2,955	20.39	108.5	0.00	80.41	-	-	0.00	0.00	-	0.00
56	3,980	3,981	16.37	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
57	4,550	4,551	14.48	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
58	4,662	4,664	14.12	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
59	4,719	4,720	13.95	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
60	4,955	4,956	13.24	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00

Sum 35.93

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H202 H202

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,309	11,309	1.11	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
2	11,087	11,088	1.40	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
3	10,881	10,882	1.67	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
4	10,378	10,378	2.35	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
5	10,215	10,215	2.58	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
6	9,116	9,116	4.24	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
7	9,573	9,573	3.52	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
8	9,356	9,356	3.86	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
9	9,638	9,638	3.42	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
10	8,583	8,583	5.13	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
11	9,154	9,154	4.18	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
12	7,731	7,731	6.67	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
13	7,607	7,607	6.91	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
14	6,844	6,844	8.48	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
15	6,765	6,765	8.66	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
16	6,812	6,813	8.55	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
17	6,805	6,805	8.57	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
18	6,688	6,689	8.82	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
19	5,665	5,666	11.28	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
20	5,814	5,814	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
21	5,839	5,839	10.84	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
22	5,731	5,731	11.12	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
23	5,908	5,908	10.66	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
24	6,798	6,798	8.58	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
25	6,424	6,424	9.42	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
26	6,064	6,064	10.28	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
27	4,753	4,754	13.85	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
28	4,941	4,941	13.29	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
29	4,582	4,582	14.38	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
30	4,596	4,596	14.33	108.5	0.00	84.25	-	-	0.00	0.00	-	0.00
31	4,260	4,261	15.42	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
32	3,860	3,861	16.80	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
33	4,043	4,044	16.15	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
34	4,775	4,775	13.78	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
35	5,160	5,160	12.66	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
36	5,947	5,948	10.57	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
37	5,687	5,688	11.23	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
38	3,555	3,556	17.93	108.5	0.00	82.02	-	-	0.00	0.00	-	0.00
39	3,685	3,686	17.44	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
40	3,671	3,671	17.50	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
41	2,926	2,928	20.51	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
42	2,986	2,987	20.26	108.5	0.00	80.50	-	-	0.00	0.00	-	0.00
43	3,615	3,616	17.70	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
44	2,904	2,905	20.61	108.5	0.00	80.26	-	-	0.00	0.00	-	0.00
45	2,229	2,231	24.16	108.5	0.00	77.97	-	-	0.00	0.00	-	0.00
46	4,186	4,187	15.66	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
47	3,638	3,639	17.62	108.5	0.00	82.22	-	-	0.00	0.00	-	0.00
48	1,497	1,499	29.31	108.5	0.00	74.52	-	-	0.00	0.00	-	0.00
49	2,583	2,584	22.13	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
50	3,026	3,027	20.08	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
51	3,848	3,849	16.85	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
52	3,432	3,433	18.41	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
53	4,187	4,188	15.66	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
54	4,403	4,404	14.95	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
55	4,016	4,017	16.25	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
56	5,109	5,109	12.80	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
57	5,650	5,651	11.32	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
58	5,798	5,799	10.94	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
59	5,893	5,894	10.70	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
60	6,115	6,116	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00

Sum 34.45

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H203 H203

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,603	12,603	-0.42	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
2	12,411	12,411	-0.21	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
3	12,249	12,249	-0.02	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
4	11,697	11,697	0.63	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
5	11,651	11,652	0.69	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
6	10,525	10,525	2.15	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
7	11,010	11,010	1.50	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
8	10,843	10,843	1.72	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
9	11,152	11,152	1.31	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
10	10,076	10,076	2.78	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
11	10,514	10,515	2.16	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
12	9,171	9,172	4.15	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
13	9,128	9,128	4.22	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
14	8,381	8,381	5.48	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
15	8,308	8,308	5.61	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
16	8,169	8,169	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
17	8,210	8,210	5.78	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
18	8,131	8,131	5.93	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
19	7,115	7,116	7.90	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
20	7,319	7,319	7.49	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
21	7,378	7,378	7.37	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
22	7,261	7,261	7.60	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
23	7,387	7,388	7.35	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
24	7,778	7,779	6.58	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
25	7,455	7,456	7.21	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
26	7,163	7,164	7.80	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
27	6,012	6,012	10.41	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
28	6,398	6,398	9.48	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
29	5,976	5,976	10.50	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
30	6,103	6,103	10.18	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
31	5,789	5,790	10.96	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
32	5,402	5,402	11.98	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
33	5,585	5,586	11.49	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
34	6,311	6,311	9.69	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
35	6,607	6,608	9.01	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
36	6,611	6,612	9.00	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
37	6,478	6,478	9.30	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
38	4,548	4,550	14.48	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
39	4,879	4,880	13.47	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
40	5,019	5,020	13.06	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
41	4,213	4,215	15.57	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
42	4,436	4,437	14.84	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
43	4,204	4,205	15.60	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
44	3,690	3,691	17.42	108.5	0.00	82.34	-	-	0.00	0.00	-	0.00
45	3,107	3,109	19.73	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
46	4,127	4,129	15.86	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
47	3,443	3,445	18.36	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
48	1,209	1,213	31.90	108.5	0.00	72.67	-	-	0.00	0.00	-	0.00
49	1,222	1,226	31.77	108.5	0.00	72.77	-	-	0.00	0.00	-	0.00
50	2,265	2,267	23.93	108.5	0.00	78.11	-	-	0.00	0.00	-	0.00
51	2,841	2,843	20.89	108.5	0.00	80.08	-	-	0.00	0.00	-	0.00
52	1,932	1,935	26.05	108.5	0.00	76.73	-	-	0.00	0.00	-	0.00
53	2,694	2,696	21.56	108.5	0.00	79.61	-	-	0.00	0.00	-	0.00
54	2,973	2,975	20.31	108.5	0.00	80.47	-	-	0.00	0.00	-	0.00
55	2,858	2,861	20.81	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
56	3,788	3,789	17.06	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
57	4,120	4,122	15.89	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
58	4,255	4,257	15.43	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
59	4,418	4,419	14.90	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
60	4,698	4,699	14.01	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00

Sum 36.99

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H204 H204

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,465	11,465	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	2	11,361	11,361	<b>1.05</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	3	11,337	11,337	<b>1.08</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	4	10,652	10,653	<b>1.97</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	5	11,010	11,011	<b>1.50</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	6	9,812	9,812	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	7	10,391	10,391	<b>2.33</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	8	10,472	10,472	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	9	10,956	10,956	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	10	9,771	9,771	<b>3.22</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	11	9,637	9,637	<b>3.43</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	12	8,642	8,642	<b>5.03</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	13	9,060	9,060	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	14	8,535	8,535	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	15	8,688	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	16	7,394	7,394	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	17	7,595	7,595	<b>6.94</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	18	7,667	7,667	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	19	6,756	6,756	<b>8.68</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	20	7,229	7,229	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	21	7,620	7,620	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	22	7,942	7,942	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	23	8,383	8,383	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	24	6,170	6,171	<b>10.02</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	25	5,963	5,963	<b>10.53</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	26	5,826	5,827	<b>10.87</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	27	5,158	5,158	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	28	6,135	6,136	<b>10.11</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	29	5,518	5,518	<b>11.67</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	30	6,130	6,130	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	31	6,024	6,025	<b>10.38</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	32	5,852	5,852	<b>10.81</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	33	6,189	6,190	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	34	6,968	6,968	<b>8.22</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	35	7,756	7,756	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	36	4,611	4,612	<b>14.28</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	37	4,664	4,665	<b>14.12</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
	38	3,384	3,385	<b>18.60</b>	108.5	0.00	81.59	-	-	0.00	0.00	-	0.00
	39	4,056	4,057	<b>16.11</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	40	4,562	4,563	<b>14.44</b>	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
	41	3,772	3,773	<b>17.12</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
	42	4,429	4,430	<b>14.86</b>	108.5	0.00	83.93	-	-	0.00	0.00	-	0.00
	43	2,440	2,442	<b>22.92</b>	108.5	0.00	78.75	-	-	0.00	0.00	-	0.00
	44	2,427	2,429	<b>22.99</b>	108.5	0.00	78.71	-	-	0.00	0.00	-	0.00
	45	2,305	2,307	<b>23.70</b>	108.5	0.00	78.26	-	-	0.00	0.00	-	0.00
	46	1,632	1,635	<b>28.22</b>	108.5	0.00	75.27	-	-	0.00	0.00	-	0.00
	47	919	924	<b>35.07</b>	108.5	0.00	70.31	-	-	0.00	0.00	-	0.00
	48	1,544	1,546	<b>28.93</b>	108.5	0.00	74.78	-	-	0.00	0.00	-	0.00
	49	3,504	3,505	<b>18.13</b>	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
	50	4,792	4,792	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	51	5,226	5,227	<b>12.47</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	52	3,671	3,672	<b>17.49</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	53	4,274	4,275	<b>15.37</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	54	4,739	4,740	<b>13.89</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	55	5,113	5,114	<b>12.79</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	56	5,714	5,715	<b>11.16</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	57	4,535	4,536	<b>14.52</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
	58	4,918	4,919	<b>13.35</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	59	5,827	5,828	<b>10.87</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	60	6,300	6,301	<b>9.71</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00

Sum 37.85

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H206 H206

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,377	10,377	2.35	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
2	10,349	10,349	2.39	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
3	10,442	10,442	2.26	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
4	9,668	9,669	3.38	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
5	10,355	10,355	2.38	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
6	9,145	9,145	4.19	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
7	9,778	9,778	3.22	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
8	10,063	10,063	2.80	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
9	10,671	10,671	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
10	9,450	9,450	3.71	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
11	8,836	8,836	4.70	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
12	8,194	8,194	5.81	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
13	8,972	8,972	4.47	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
14	8,657	8,657	5.00	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
15	8,979	8,979	4.46	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
16	6,821	6,822	8.53	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
17	7,147	7,147	7.84	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
18	7,344	7,344	7.44	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
19	6,605	6,605	9.01	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
20	7,255	7,255	7.62	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
21	7,878	7,879	6.39	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
22	8,512	8,512	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
23	9,156	9,156	4.18	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
24	4,909	4,909	13.38	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
25	4,839	4,839	13.59	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
26	4,877	4,877	13.48	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
27	4,780	4,780	13.77	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
28	6,136	6,136	10.10	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
29	5,439	5,439	11.88	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
30	6,367	6,367	9.56	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
31	6,435	6,435	9.40	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
32	6,443	6,444	9.38	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
33	6,853	6,853	8.46	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
34	7,594	7,594	6.94	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
35	8,676	8,676	4.97	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
36	3,066	3,067	19.91	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00
37	3,342	3,343	18.77	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
38	3,146	3,147	19.57	108.5	0.00	80.96	-	-	0.00	0.00	-	0.00
39	3,947	3,948	16.49	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
40	4,659	4,659	14.14	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
41	4,085	4,085	16.01	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
42	4,918	4,918	13.35	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
43	1,929	1,931	26.08	108.5	0.00	76.71	-	-	0.00	0.00	-	0.00
44	2,558	2,559	22.27	108.5	0.00	79.16	-	-	0.00	0.00	-	0.00
45	2,959	2,960	20.37	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
46	452	459	42.64	108.5	0.00	64.24	-	-	0.00	0.00	-	0.00
47	1,142	1,145	32.58	108.5	0.00	72.17	-	-	0.00	0.00	-	0.00
48	3,443	3,444	18.37	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
49	5,563	5,564	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
50	6,831	6,832	8.51	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
51	7,286	7,286	7.55	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
52	5,689	5,690	11.22	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
53	6,240	6,241	9.85	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
54	6,727	6,728	8.74	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
55	7,167	7,168	7.80	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
56	7,713	7,713	6.71	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
57	6,097	6,097	10.20	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
58	6,551	6,552	9.13	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
59	7,684	7,685	6.76	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
60	8,203	8,203	5.79	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00

Sum 43.36



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H207 H207

WTG	95% rated power												
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	9,331	9,331	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	2	9,334	9,334	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	3	9,475	9,475	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	4	8,670	8,671	<b>4.98</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	5	9,496	9,496	<b>3.64</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	6	8,297	8,297	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	7	8,946	8,947	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	8	9,329	9,329	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	9	9,991	9,991	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	10	8,770	8,770	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	11	7,929	7,930	<b>6.30</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	12	7,474	7,474	<b>7.17</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	13	8,426	8,426	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	14	8,236	8,236	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	15	8,646	8,646	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	16	6,072	6,073	<b>10.26</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	17	6,454	6,455	<b>9.35</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	18	6,713	6,713	<b>8.77</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	19	6,096	6,097	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	20	6,822	6,822	<b>8.53</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	21	7,557	7,557	<b>7.01</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	22	8,353	8,353	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	23	9,104	9,104	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	24	3,868	3,869	<b>16.77</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
	25	3,870	3,871	<b>16.76</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	26	4,001	4,002	<b>16.30</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
	27	4,244	4,245	<b>15.47</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
	28	5,736	5,737	<b>11.10</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	29	5,033	5,033	<b>13.02</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	30	6,092	6,092	<b>10.21</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	31	6,259	6,259	<b>9.81</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	32	6,373	6,374	<b>9.54</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	33	6,807	6,807	<b>8.56</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	34	7,497	7,497	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	35	8,726	8,726	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	36	1,957	1,959	<b>25.89</b>	108.5	0.00	76.84	-	-	0.00	0.00	-	0.00
	37	2,346	2,348	<b>23.46</b>	108.5	0.00	78.41	-	-	0.00	0.00	-	0.00
	38	2,908	2,909	<b>20.60</b>	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
	39	3,659	3,660	<b>17.54</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
	40	4,417	4,418	<b>14.90</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
	41	4,033	4,034	<b>16.19</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
	42	4,885	4,885	<b>13.45</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	43	1,898	1,900	<b>26.28</b>	108.5	0.00	76.58	-	-	0.00	0.00	-	0.00
	44	2,697	2,699	<b>21.55</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
	45	3,286	3,287	<b>18.99</b>	108.5	0.00	81.34	-	-	0.00	0.00	-	0.00
	46	1,533	1,536	<b>29.01</b>	108.5	0.00	74.73	-	-	0.00	0.00	-	0.00
	47	2,233	2,235	<b>24.13</b>	108.5	0.00	77.99	-	-	0.00	0.00	-	0.00
	48	4,330	4,331	<b>15.18</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
	49	6,591	6,591	<b>9.04</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	50	7,783	7,783	<b>6.57</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	51	8,309	8,309	<b>5.60</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	52	6,802	6,803	<b>8.57</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	53	7,386	7,387	<b>7.35</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	54	7,862	7,863	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	55	8,227	8,227	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	56	8,842	8,842	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	57	7,305	7,306	<b>7.51</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	58	7,759	7,759	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	59	8,869	8,869	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	60	9,376	9,377	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00

Sum 34.80

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H208 H208

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,790	9,791	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	2	9,856	9,856	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	3	10,083	10,083	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	4	9,235	9,235	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	5	10,266	10,266	<b>2.51</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	6	9,096	9,097	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	7	9,758	9,759	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	8	10,247	10,247	<b>2.53</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	9	10,956	10,956	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	10	9,747	9,747	<b>3.26</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	11	8,654	8,654	<b>5.00</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	12	8,428	8,428	<b>5.39</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	13	9,517	9,517	<b>3.61</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	14	9,409	9,409	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	15	9,864	9,864	<b>3.09</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	16	7,023	7,024	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	17	7,452	7,452	<b>7.22</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	18	7,759	7,759	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	19	7,241	7,241	<b>7.64</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	20	8,002	8,002	<b>6.16</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	21	8,787	8,788	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	22	9,644	9,644	<b>3.42</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	23	10,423	10,423	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	24	4,495	4,495	<b>14.65</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	25	4,626	4,627	<b>14.24</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	26	4,879	4,880	<b>13.47</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
	27	5,411	5,411	<b>11.96</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	28	6,948	6,948	<b>8.26</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	29	6,252	6,253	<b>9.83</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	30	7,356	7,356	<b>7.41</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	31	7,556	7,556	<b>7.01</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	32	7,698	7,698	<b>6.74</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	33	8,135	8,135	<b>5.92</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	34	8,810	8,811	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	35	10,067	10,067	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	36	2,633	2,634	<b>21.86</b>	108.5	0.00	79.41	-	-	0.00	0.00	-	0.00
	37	3,187	3,188	<b>19.40</b>	108.5	0.00	81.07	-	-	0.00	0.00	-	0.00
	38	4,230	4,231	<b>15.52</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
	39	4,953	4,953	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	40	5,713	5,713	<b>11.16</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	41	5,376	5,376	<b>12.05</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	42	6,225	6,225	<b>9.89</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	43	3,256	3,257	<b>19.12</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
	44	4,053	4,054	<b>16.12</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	45	4,628	4,629	<b>14.23</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	46	2,496	2,498	<b>22.61</b>	108.5	0.00	78.95	-	-	0.00	0.00	-	0.00
	47	3,192	3,193	<b>19.38</b>	108.5	0.00	81.08	-	-	0.00	0.00	-	0.00
	48	5,476	5,476	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	49	7,610	7,610	<b>6.91</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	50	8,882	8,882	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	51	9,331	9,332	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	52	7,694	7,695	<b>6.74</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	53	8,204	8,205	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	54	8,703	8,704	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	55	9,201	9,202	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	56	9,693	9,694	<b>3.34</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	57	7,799	7,800	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	58	8,287	8,287	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	59	9,556	9,556	<b>3.55</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	60	10,104	10,104	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00

Sum 30.04

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H209 H209

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,919	9,919	<b>3.01</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
2	10,059	10,059	<b>2.80</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
3	10,387	10,387	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
4	9,504	9,504	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
5	10,770	10,770	<b>1.81</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
6	9,662	9,662	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
7	10,326	10,326	<b>2.42</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
8	10,943	10,943	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
9	11,706	11,706	<b>0.62</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
10	10,532	10,532	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
11	9,137	9,137	<b>4.21</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
12	9,209	9,209	<b>4.09</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
13	10,464	10,464	<b>2.23</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
14	10,481	10,481	<b>2.21</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
15	11,002	11,002	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
16	7,837	7,837	<b>6.47</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
17	8,312	8,312	<b>5.60</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
18	8,676	8,676	<b>4.97</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
19	8,304	8,304	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
20	9,104	9,104	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
21	9,959	9,959	<b>2.95</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
22	10,917	10,917	<b>1.62</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
23	11,754	11,754	<b>0.56</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
24	5,074	5,074	<b>12.90</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
25	5,333	5,334	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
26	5,703	5,703	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
27	6,550	6,551	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
28	8,115	8,115	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
29	7,444	7,445	<b>7.23</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
30	8,600	8,600	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
31	8,859	8,859	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
32	9,060	9,060	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
33	9,502	9,502	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
34	10,137	10,137	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
35	11,462	11,462	<b>0.92</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
36	3,524	3,525	<b>18.05</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
37	4,131	4,131	<b>15.85</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
38	5,629	5,629	<b>11.38</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
39	6,286	6,286	<b>9.75</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
40	7,036	7,036	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
41	6,803	6,804	<b>8.57</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
42	7,637	7,637	<b>6.86</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
43	4,776	4,776	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
44	5,582	5,582	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
45	6,186	6,187	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
46	4,092	4,092	<b>15.99</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
47	4,776	4,776	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
48	7,079	7,079	<b>7.98</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
49	9,176	9,176	<b>4.14</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
50	10,470	10,470	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
51	10,894	10,894	<b>1.65</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
52	9,210	9,210	<b>4.09</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
53	9,681	9,681	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
54	10,188	10,188	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
55	10,745	10,745	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
56	11,178	11,178	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
57	9,085	9,086	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
58	9,589	9,589	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
59	10,947	10,948	<b>1.58</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
60	11,516	11,516	<b>0.86</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00

Sum 26.18

windPRO created by EMD International A/S. Tel: +45 96 35 44 44, www.emd.dk, windpro@emd.dk

7/5/2016 4:20 PM / 88

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H210 H210

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,368	8,369	5.50	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	2	8,599	8,600	5.10	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	3	9,048	9,048	4.35	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	4	8,156	8,156	5.88	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	5	9,698	9,698	3.33	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	6	8,728	8,728	4.88	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	7	9,365	9,365	3.84	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	8	10,157	10,158	2.66	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	9	10,979	10,979	1.54	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	10	9,905	9,905	3.03	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	11	8,108	8,108	5.97	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	12	8,639	8,639	5.03	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	13	10,119	10,119	2.72	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	14	10,365	10,365	2.37	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	15	10,996	10,996	1.52	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	16	7,412	7,412	7.30	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	17	7,932	7,932	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	18	8,368	8,369	5.50	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	19	8,284	8,284	5.65	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	20	9,109	9,109	4.25	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	21	10,061	10,061	2.80	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	22	11,202	11,203	1.25	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	23	12,151	12,151	0.09	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	24	4,619	4,619	14.26	108.5	0.00	84.29	-	-	0.00	0.00	-	0.00
	25	5,030	5,030	13.03	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	26	5,526	5,526	11.65	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	27	6,815	6,816	8.55	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	28	8,307	8,307	5.61	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	29	7,733	7,733	6.67	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	30	8,922	8,922	4.56	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	31	9,296	9,296	3.95	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	32	9,625	9,625	3.44	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	33	10,061	10,062	2.80	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	34	10,573	10,573	2.08	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	35	12,027	12,027	0.24	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	36	3,948	3,949	16.49	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	37	4,452	4,452	14.79	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	38	6,512	6,512	9.22	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	39	6,963	6,963	8.23	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	40	7,628	7,628	6.87	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	41	7,659	7,659	6.81	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	42	8,400	8,401	5.44	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	43	6,048	6,048	10.32	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	44	6,809	6,809	8.56	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	45	7,479	7,480	7.16	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	46	5,963	5,963	10.53	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	47	6,677	6,678	8.85	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	48	8,810	8,810	4.74	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	49	11,077	11,077	1.41	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	50	12,267	12,267	-0.04	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	51	12,796	12,797	-0.64	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	52	11,243	11,243	1.20	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	53	11,783	11,783	0.53	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	54	12,275	12,276	-0.05	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	55	12,705	12,705	-0.54	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	56	13,263	13,263	-1.14	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	57	11,383	11,383	1.02	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	58	11,876	11,876	0.42	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	59	13,157	13,158	-1.03	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	60	13,703	13,703	-1.59	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00

Sum 24.93

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H211 H211

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,508	8,508	<b>5.26</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
2	8,735	8,735	<b>4.87</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
3	9,179	9,179	<b>4.14</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
4	8,286	8,286	<b>5.65</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
5	9,817	9,817	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
6	8,839	8,839	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
7	9,478	9,478	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
8	10,263	10,263	<b>2.51</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
9	11,082	11,082	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
10	10,001	10,001	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
11	8,223	8,223	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
12	8,730	8,730	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
13	10,200	10,200	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
14	10,433	10,433	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
15	11,058	11,058	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
16	7,492	7,492	<b>7.14</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
17	8,011	8,011	<b>6.15</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
18	8,444	8,444	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
19	8,343	8,343	<b>5.55</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
20	9,168	9,168	<b>4.16</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
21	10,116	10,116	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
22	11,248	11,248	<b>1.19</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
23	12,191	12,191	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
24	4,688	4,689	<b>14.05</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
25	5,093	5,093	<b>12.85</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
26	5,584	5,584	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
27	6,852	6,852	<b>8.47</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
28	8,353	8,353	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
29	7,771	7,772	<b>6.60</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
30	8,961	8,961	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
31	9,328	9,329	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
32	9,651	9,651	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
33	10,088	10,088	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
34	10,608	10,608	<b>2.03</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
35	12,056	12,056	<b>0.20</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
36	3,954	3,955	<b>16.46</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
37	4,471	4,471	<b>14.73</b>	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
38	6,508	6,508	<b>9.23</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
39	6,974	6,974	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
40	7,647	7,647	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
41	7,661	7,661	<b>6.81</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
42	8,410	8,411	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
43	6,016	6,016	<b>10.40</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
44	6,783	6,783	<b>8.62</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
45	7,451	7,452	<b>7.22</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
46	5,889	5,889	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
47	6,603	6,603	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
48	8,753	8,754	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
49	11,009	11,009	<b>1.50</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
50	12,209	12,209	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
51	12,730	12,730	<b>-0.56</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
52	11,164	11,164	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
53	11,697	11,697	<b>0.63</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
54	12,191	12,192	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
55	12,633	12,633	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
56	13,180	13,180	<b>-1.05</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
57	11,276	11,276	<b>1.16</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
58	11,770	11,770	<b>0.54</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
59	13,061	13,061	<b>-0.92</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
60	13,609	13,609	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00

Sum 24.87

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H212 H212

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,614	8,614	<b>5.07</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
2	8,840	8,841	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
3	9,282	9,282	<b>3.97</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
4	8,389	8,390	<b>5.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
5	9,915	9,915	<b>3.01</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
6	8,933	8,933	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
7	9,574	9,574	<b>3.52</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
8	10,354	10,354	<b>2.38</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
9	11,172	11,172	<b>1.29</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
10	10,088	10,088	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
11	8,319	8,319	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
12	8,814	8,814	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
13	10,278	10,278	<b>2.49</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
14	10,504	10,504	<b>2.18</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
15	11,126	11,126	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
16	7,570	7,570	<b>6.98</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
17	8,088	8,088	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
18	8,519	8,520	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
19	8,408	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
20	9,233	9,233	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
21	10,179	10,179	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
22	11,305	11,305	<b>1.12</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
23	12,244	12,244	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
24	4,761	4,762	<b>13.82</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
25	5,162	5,162	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
26	5,650	5,650	<b>11.32</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
27	6,904	6,904	<b>8.35</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
28	8,410	8,410	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
29	7,824	7,824	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
30	9,014	9,014	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
31	9,378	9,378	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
32	9,695	9,695	<b>3.34</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
33	10,133	10,133	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
34	10,659	10,659	<b>1.96</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
35	12,102	12,102	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
36	3,988	3,989	<b>16.35</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
37	4,512	4,513	<b>14.60</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
38	6,533	6,533	<b>9.17</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
39	7,009	7,010	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
40	7,687	7,687	<b>6.76</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
41	7,690	7,690	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
42	8,445	8,445	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
43	6,022	6,022	<b>10.38</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
44	6,793	6,794	<b>8.59</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
45	7,460	7,460	<b>7.20</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
46	5,863	5,864	<b>10.78</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
47	6,577	6,578	<b>9.07</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
48	8,741	8,741	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
49	10,987	10,988	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
50	12,195	12,195	<b>0.04</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
51	12,709	12,709	<b>-0.54</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
52	11,133	11,133	<b>1.34</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
53	11,662	11,662	<b>0.68</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
54	12,157	12,157	<b>0.09</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
55	12,608	12,609	<b>-0.43</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
56	13,146	13,146	<b>-1.02</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
57	11,222	11,223	<b>1.22</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
58	11,718	11,718	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
59	13,017	13,017	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
60	13,567	13,567	<b>-1.46</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00

Sum 24.76

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H213 H213

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,748	8,748	<b>4.85</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
2	8,971	8,972	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
3	9,410	9,410	<b>3.77</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
4	8,517	8,517	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
5	10,034	10,035	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
6	9,047	9,047	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
7	9,689	9,689	<b>3.35</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
8	10,463	10,463	<b>2.23</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
9	11,279	11,279	<b>1.15</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
10	10,190	10,190	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
11	8,435	8,435	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
12	8,912	8,912	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
13	10,368	10,368	<b>2.36</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
14	10,583	10,583	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
15	11,200	11,200	<b>1.25</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
16	7,660	7,660	<b>6.81</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
17	8,177	8,177	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
18	8,606	8,606	<b>5.09</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
19	8,480	8,480	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
20	9,305	9,305	<b>3.94</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
21	10,247	10,247	<b>2.53</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
22	11,365	11,365	<b>1.04</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
23	12,299	12,299	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
24	4,845	4,845	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
25	5,239	5,240	<b>12.43</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
26	5,723	5,723	<b>11.13</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
27	6,958	6,959	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
28	8,472	8,472	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
29	7,880	7,880	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
30	9,070	9,070	<b>4.31</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
31	9,427	9,428	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
32	9,738	9,738	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
33	10,177	10,177	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
34	10,710	10,710	<b>1.90</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
35	12,148	12,148	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
36	4,021	4,021	<b>16.23</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
37	4,554	4,555	<b>14.46</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
38	6,552	6,553	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
39	7,042	7,042	<b>8.06</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
40	7,726	7,726	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
41	7,714	7,714	<b>6.71</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
42	8,475	8,475	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
43	6,016	6,017	<b>10.39</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
44	6,793	6,793	<b>8.59</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
45	7,457	7,457	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
46	5,817	5,818	<b>10.89</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
47	6,531	6,531	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
48	8,710	8,710	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
49	10,945	10,945	<b>1.58</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
50	12,161	12,161	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
51	12,667	12,668	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
52	11,080	11,080	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
53	11,602	11,602	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
54	12,099	12,099	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
55	12,562	12,562	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
56	13,089	13,089	<b>-0.95</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
57	11,141	11,141	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
58	11,638	11,638	<b>0.71</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
59	12,946	12,946	<b>-0.80</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
60	13,499	13,499	<b>-1.39</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00

Sum 24.66

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H214 H214

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,000	9,000	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
2	9,218	9,218	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
3	9,649	9,650	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
4	8,756	8,756	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
5	10,256	10,256	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
6	9,256	9,256	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
7	9,901	9,901	<b>3.03</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
8	10,662	10,662	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
9	11,474	11,474	<b>0.91</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
10	10,375	10,375	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
11	8,651	8,651	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
12	9,091	9,091	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
13	10,529	10,529	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
14	10,723	10,724	<b>1.88</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
15	11,331	11,331	<b>1.09</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
16	7,823	7,823	<b>6.50</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
17	8,337	8,337	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
18	8,760	8,760	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
19	8,607	8,607	<b>5.09</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
20	9,431	9,431	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
21	10,365	10,365	<b>2.37</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
22	11,467	11,467	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
23	12,390	12,391	<b>-0.18</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
24	4,997	4,998	<b>13.12</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
25	5,380	5,381	<b>12.04</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
26	5,854	5,855	<b>10.80</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
27	7,052	7,052	<b>8.04</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
28	8,577	8,577	<b>5.14</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
29	7,974	7,974	<b>6.21</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
30	9,164	9,164	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
31	9,510	9,510	<b>3.62</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
32	9,808	9,808	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
33	10,248	10,248	<b>2.53</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
34	10,795	10,795	<b>1.78</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
35	12,221	12,221	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
36	4,076	4,077	<b>16.04</b>	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
37	4,626	4,627	<b>14.24</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
38	6,578	6,578	<b>9.07</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
39	7,092	7,092	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
40	7,787	7,788	<b>6.56</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
41	7,746	7,747	<b>6.64</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
42	8,520	8,520	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
43	5,994	5,995	<b>10.45</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
44	6,779	6,780	<b>8.62</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
45	7,437	7,438	<b>7.25</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
46	5,718	5,718	<b>11.15</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
47	6,428	6,429	<b>9.41</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
48	8,636	8,636	<b>5.04</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
49	10,848	10,849	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
50	12,081	12,081	<b>0.17</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
51	12,571	12,571	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
52	10,961	10,961	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
53	11,471	11,472	<b>0.91</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
54	11,971	11,972	<b>0.30</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
55	12,456	12,457	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
56	12,961	12,962	<b>-0.82</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
57	10,969	10,969	<b>1.55</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
58	11,468	11,469	<b>0.91</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
59	12,795	12,795	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
60	13,352	13,353	<b>-1.23</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00

Sum 24.49



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H215 H215

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,216	9,216	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	2	9,429	9,429	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	3	9,853	9,853	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	4	8,959	8,959	<b>4.50</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	5	10,441	10,441	<b>2.26</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	6	9,429	9,429	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	7	10,077	10,077	<b>2.78</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	8	10,825	10,825	<b>1.74</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	9	11,634	11,634	<b>0.71</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	10	10,526	10,526	<b>2.15</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	11	8,831	8,831	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	12	9,235	9,235	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	13	10,656	10,656	<b>1.97</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	14	10,831	10,831	<b>1.73</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	15	11,429	11,429	<b>0.96</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	16	7,953	7,953	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	17	8,464	8,464	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	18	8,882	8,882	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	19	8,703	8,703	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	20	9,527	9,527	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	21	10,453	10,453	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	22	11,539	11,539	<b>0.83</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	23	12,453	12,453	<b>-0.25</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	24	5,121	5,122	<b>12.76</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	25	5,493	5,493	<b>11.74</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
	26	5,958	5,958	<b>10.54</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	27	7,119	7,119	<b>7.90</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	28	8,654	8,654	<b>5.00</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	29	8,041	8,041	<b>6.09</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	30	9,230	9,230	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	31	9,566	9,566	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	32	9,851	9,851	<b>3.11</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	33	10,293	10,293	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	34	10,852	10,852	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	35	12,267	12,267	<b>-0.04</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	36	4,116	4,117	<b>15.90</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
	37	4,679	4,680	<b>14.07</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	38	6,584	6,585	<b>9.06</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	39	7,120	7,120	<b>7.89</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	40	7,825	7,826	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	41	7,758	7,758	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	42	8,542	8,543	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	43	5,960	5,960	<b>10.54</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	44	6,751	6,751	<b>8.69</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	45	7,403	7,403	<b>7.32</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	46	5,614	5,614	<b>11.42</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	47	6,321	6,322	<b>9.66</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	48	8,552	8,552	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	49	10,743	10,743	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	50	11,990	11,990	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	51	12,466	12,466	<b>-0.27</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	52	10,837	10,837	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	53	11,336	11,337	<b>1.08</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	54	11,839	11,839	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	55	12,343	12,343	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	56	12,829	12,829	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	57	10,798	10,799	<b>1.78</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	58	11,300	11,300	<b>1.13</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	59	12,641	12,641	<b>-0.47</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	60	13,203	13,203	<b>-1.08</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	Sum	24.39											

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H217 H217

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,166	8,166	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
2	8,354	8,355	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
3	8,751	8,751	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
4	7,857	7,858	<b>6.43</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
5	9,296	9,296	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
6	8,269	8,270	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
7	8,920	8,920	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
8	9,657	9,657	<b>3.40</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
9	10,463	10,464	<b>2.23</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
10	9,353	9,353	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
11	7,679	7,679	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
12	8,062	8,062	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
13	9,490	9,490	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
14	9,682	9,682	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
15	10,291	10,291	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
16	6,785	6,785	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
17	7,297	7,297	<b>7.53</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
18	7,719	7,719	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
19	7,568	7,568	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
20	8,393	8,393	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
21	9,331	9,331	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
22	10,443	10,443	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
23	11,376	11,376	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
24	3,957	3,957	<b>16.46</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
25	4,338	4,339	<b>15.16</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
26	4,814	4,815	<b>13.66</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
27	6,035	6,036	<b>10.35</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
28	7,550	7,551	<b>7.02</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
29	6,957	6,957	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
30	8,147	8,147	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
31	8,505	8,505	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
32	8,818	8,818	<b>4.73</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
33	9,257	9,257	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
34	9,787	9,787	<b>3.20</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
35	11,227	11,227	<b>1.22</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
36	3,111	3,112	<b>19.72</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
37	3,635	3,636	<b>17.63</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
38	5,662	5,663	<b>11.29</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
39	6,131	6,132	<b>10.11</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
40	6,809	6,809	<b>8.56</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
41	6,815	6,816	<b>8.54</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
42	7,567	7,567	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
43	5,189	5,190	<b>12.57</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
44	5,949	5,950	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
45	6,620	6,621	<b>8.98</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
46	5,157	5,157	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
47	5,870	5,871	<b>10.76</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
48	7,970	7,970	<b>6.22</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
49	10,253	10,253	<b>2.53</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
50	11,427	11,428	<b>0.97</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
51	11,970	11,970	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
52	10,443	10,443	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
53	10,999	10,999	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
54	11,486	11,487	<b>0.89</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
55	11,887	11,888	<b>0.40</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
56	12,472	12,472	<b>-0.28</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
57	10,678	10,678	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
58	11,164	11,164	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
59	12,406	12,407	<b>-0.20</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
60	12,942	12,942	<b>-0.80</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
Sum	26.97											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H220 H220

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,077	8,078	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	2	8,192	8,192	<b>5.82</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	3	8,492	8,492	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	4	7,615	7,616	<b>6.90</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	5	8,846	8,846	<b>4.68</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	6	7,735	7,736	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	7	8,399	8,400	<b>5.45</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	8	9,026	9,026	<b>4.39</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	9	9,796	9,796	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	10	8,631	8,631	<b>5.04</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	11	7,212	7,213	<b>7.70</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	12	7,312	7,312	<b>7.50</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	13	8,620	8,620	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	14	8,704	8,704	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	15	9,267	9,267	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	16	5,957	5,957	<b>10.54</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	17	6,446	6,446	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	18	6,829	6,830	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	19	6,544	6,544	<b>9.15</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	20	7,360	7,360	<b>7.40</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	21	8,261	8,261	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	22	9,308	9,308	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	23	10,206	10,206	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	24	3,160	3,161	<b>19.51</b>	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
	25	3,449	3,450	<b>18.35</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
	26	3,856	3,856	<b>16.82</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	27	4,888	4,888	<b>13.44</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	28	6,439	6,440	<b>9.39</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
	29	5,806	5,807	<b>10.92</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	30	6,991	6,992	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	31	7,313	7,313	<b>7.50</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	32	7,589	7,589	<b>6.95</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	33	8,031	8,031	<b>6.11</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	34	8,600	8,600	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	35	10,005	10,005	<b>2.88</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	36	1,855	1,858	<b>26.58</b>	108.5	0.00	76.38	-	-	0.00	0.00	-	0.00
	37	2,433	2,434	<b>22.96</b>	108.5	0.00	78.73	-	-	0.00	0.00	-	0.00
	38	4,339	4,340	<b>15.15</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
	39	4,856	4,857	<b>13.54</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	40	5,561	5,562	<b>11.56</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	41	5,506	5,507	<b>11.70</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	42	6,281	6,282	<b>9.76</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	43	3,830	3,831	<b>16.91</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
	44	4,592	4,593	<b>14.35</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
	45	5,261	5,262	<b>12.37</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	46	3,904	3,905	<b>16.64</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
	47	4,610	4,611	<b>14.29</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	48	6,639	6,639	<b>8.94</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	49	8,946	8,947	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	50	10,095	10,095	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	51	10,657	10,658	<b>1.97</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	52	9,179	9,179	<b>4.14</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	53	9,761	9,762	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	54	10,239	10,239	<b>2.55</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	55	10,591	10,591	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	56	11,219	11,219	<b>1.23</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	57	9,580	9,581	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	58	10,051	10,052	<b>2.81</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	59	11,222	11,222	<b>1.22</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	60	11,740	11,740	<b>0.58</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00

Sum 31.22

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H221 H221

No.	Distance [m]	Sound distance [m]	WTG 95% rated power Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,777	8,777	<b>4.80</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
2	8,916	8,916	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
3	9,246	9,246	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
4	8,362	8,363	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
5	9,648	9,648	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
6	8,552	8,552	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
7	9,215	9,215	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
8	9,859	9,859	<b>3.09</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
9	10,634	10,634	<b>2.00</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
10	9,474	9,474	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
11	8,015	8,015	<b>6.14</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
12	8,156	8,156	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
13	9,467	9,467	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
14	9,544	9,544	<b>3.57</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
15	10,100	10,100	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
16	6,804	6,805	<b>8.57</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
17	7,293	7,294	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
18	7,677	7,677	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
19	7,380	7,380	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
20	8,194	8,194	<b>5.81</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
21	9,085	9,085	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
22	10,111	10,112	<b>2.73</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
23	10,994	10,994	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
24	4,001	4,001	<b>16.30</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
25	4,296	4,297	<b>15.30</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
26	4,702	4,703	<b>14.00</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
27	5,698	5,698	<b>11.20</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
28	7,256	7,257	<b>7.61</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
29	6,612	6,612	<b>8.99</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
30	7,791	7,792	<b>6.56</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
31	8,095	8,095	<b>5.99</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
32	8,349	8,349	<b>5.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
33	8,792	8,792	<b>4.77</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
34	9,382	9,382	<b>3.82</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
35	10,765	10,766	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
36	2,646	2,648	<b>21.79</b>	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
37	3,241	3,242	<b>19.18</b>	108.5	0.00	81.22	-	-	0.00	0.00	-	0.00
38	5,020	5,021	<b>13.06</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
39	5,592	5,593	<b>11.47</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
40	6,316	6,316	<b>9.68</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
41	6,199	6,199	<b>9.95</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
42	6,999	6,999	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
43	4,366	4,367	<b>15.07</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
44	5,158	5,159	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
45	5,810	5,811	<b>10.91</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
46	4,117	4,118	<b>15.90</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
47	4,831	4,832	<b>13.61</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
48	7,004	7,004	<b>8.14</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
49	9,241	9,241	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
50	10,454	10,455	<b>2.24</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
51	10,962	10,963	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
52	9,391	9,391	<b>3.80</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
53	9,929	9,929	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
54	10,421	10,422	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
55	10,861	10,862	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
56	11,409	11,410	<b>0.99</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
57	9,566	9,567	<b>3.53</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
58	10,054	10,054	<b>2.81</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
59	11,312	11,312	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
60	11,853	11,854	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00

Sum 28.24

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H222 H222

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,164	8,165	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	2	8,141	8,141	<b>5.91</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	3	8,249	8,250	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	4	7,464	7,464	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	5	8,228	8,229	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	6	7,026	7,027	<b>8.09</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	7	7,673	7,673	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	8	8,050	8,050	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	9	8,715	8,715	<b>4.90</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	10	7,495	7,495	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	11	6,674	6,675	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	12	6,196	6,196	<b>9.96</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	13	7,181	7,181	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	14	7,038	7,038	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	15	7,488	7,488	<b>7.15</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	16	4,793	4,794	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	17	5,181	5,181	<b>12.60</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	18	5,450	5,450	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	19	4,877	4,877	<b>13.48</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	20	5,629	5,629	<b>11.38</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	21	6,414	6,414	<b>9.45</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	22	7,300	7,300	<b>7.52</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	23	8,116	8,116	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	24	2,697	2,699	<b>21.55</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
	25	2,637	2,638	<b>21.84</b>	108.5	0.00	79.43	-	-	0.00	0.00	-	0.00
	26	2,729	2,730	<b>21.40</b>	108.5	0.00	79.72	-	-	0.00	0.00	-	0.00
	27	3,037	3,038	<b>20.03</b>	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
	28	4,573	4,573	<b>14.41</b>	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
	29	3,878	3,879	<b>16.74</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	30	4,997	4,997	<b>13.12</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	31	5,226	5,226	<b>12.47</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	32	5,416	5,416	<b>11.95</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	33	5,858	5,858	<b>10.79</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	34	6,498	6,498	<b>9.25</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
	35	7,820	7,820	<b>6.50</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	36	960	964	<b>34.58</b>	108.5	0.00	70.68	-	-	0.00	0.00	-	0.00
	37	1,130	1,133	<b>32.70</b>	108.5	0.00	72.08	-	-	0.00	0.00	-	0.00
	38	2,011	2,013	<b>25.53</b>	108.5	0.00	77.08	-	-	0.00	0.00	-	0.00
	39	2,643	2,644	<b>21.81</b>	108.5	0.00	79.44	-	-	0.00	0.00	-	0.00
	40	3,394	3,395	<b>18.56</b>	108.5	0.00	81.62	-	-	0.00	0.00	-	0.00
	41	3,192	3,193	<b>19.38</b>	108.5	0.00	81.08	-	-	0.00	0.00	-	0.00
	42	4,008	4,009	<b>16.28</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
	43	1,511	1,514	<b>29.19</b>	108.5	0.00	74.60	-	-	0.00	0.00	-	0.00
	44	2,229	2,231	<b>24.15</b>	108.5	0.00	77.97	-	-	0.00	0.00	-	0.00
	45	2,905	2,907	<b>20.61</b>	108.5	0.00	80.27	-	-	0.00	0.00	-	0.00
	46	2,338	2,340	<b>23.51</b>	108.5	0.00	78.38	-	-	0.00	0.00	-	0.00
	47	2,894	2,896	<b>20.65</b>	108.5	0.00	80.24	-	-	0.00	0.00	-	0.00
	48	4,483	4,483	<b>14.69</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	49	6,857	6,857	<b>8.45</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	50	7,893	7,894	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	51	8,529	8,530	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	52	7,231	7,231	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	53	7,887	7,887	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	54	8,327	8,327	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	55	8,518	8,518	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	56	9,276	9,276	<b>3.98</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	57	8,108	8,108	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	58	8,525	8,526	<b>5.22</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	59	9,477	9,477	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	60	9,937	9,937	<b>2.98</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00

Sum 39.00

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H224 H224

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,781	8,781	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
2	8,740	8,741	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
3	8,821	8,822	<b>4.72</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
4	8,055	8,055	<b>6.06</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
5	8,735	8,735	<b>4.87</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
6	7,527	7,527	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
7	8,163	8,163	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
8	8,478	8,478	<b>5.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
9	9,109	9,109	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
10	7,887	7,887	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
11	7,212	7,212	<b>7.70</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
12	6,611	6,611	<b>9.00</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
13	7,483	7,483	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
14	7,255	7,255	<b>7.62</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
15	7,649	7,650	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
16	5,225	5,225	<b>12.47</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
17	5,573	5,574	<b>11.52</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
18	5,801	5,801	<b>10.94</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
19	5,135	5,135	<b>12.73</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
20	5,841	5,842	<b>10.83</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
21	6,557	6,558	<b>9.12</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
22	7,345	7,345	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
23	8,100	8,100	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
24	3,333	3,334	<b>18.81</b>	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
25	3,228	3,229	<b>19.23</b>	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
26	3,252	3,253	<b>19.13</b>	108.5	0.00	81.25	-	-	0.00	0.00	-	0.00
27	3,283	3,284	<b>19.01</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
28	4,746	4,746	<b>13.87</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
29	4,041	4,042	<b>16.16</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
30	5,086	5,087	<b>12.87</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
31	5,250	5,251	<b>12.40</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
32	5,371	5,371	<b>12.07</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
33	5,806	5,806	<b>10.92</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
34	6,491	6,491	<b>9.27</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
35	7,735	7,735	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
36	1,634	1,637	<b>28.21</b>	108.5	0.00	75.28	-	-	0.00	0.00	-	0.00
37	1,766	1,769	<b>27.22</b>	108.5	0.00	75.95	-	-	0.00	0.00	-	0.00
38	1,903	1,905	<b>26.26</b>	108.5	0.00	76.60	-	-	0.00	0.00	-	0.00
39	2,651	2,652	<b>21.77</b>	108.5	0.00	79.47	-	-	0.00	0.00	-	0.00
40	3,409	3,410	<b>18.50</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
41	3,045	3,046	<b>20.00</b>	108.5	0.00	80.67	-	-	0.00	0.00	-	0.00
42	3,893	3,893	<b>16.69</b>	108.5	0.00	82.81	-	-	0.00	0.00	-	0.00
43	1,020	1,025	<b>33.88</b>	108.5	0.00	71.21	-	-	0.00	0.00	-	0.00
44	1,817	1,819	<b>26.85</b>	108.5	0.00	76.20	-	-	0.00	0.00	-	0.00
45	2,464	2,465	<b>22.79</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
46	1,689	1,692	<b>27.79</b>	108.5	0.00	75.57	-	-	0.00	0.00	-	0.00
47	2,220	2,222	<b>24.21</b>	108.5	0.00	77.93	-	-	0.00	0.00	-	0.00
48	3,871	3,871	<b>16.76</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
49	6,230	6,231	<b>9.88</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
50	7,307	7,308	<b>7.51</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
51	7,917	7,917	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
52	6,576	6,576	<b>9.08</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
53	7,223	7,224	<b>7.68</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
54	7,668	7,669	<b>6.79</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
55	7,889	7,890	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
56	8,623	8,623	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
57	7,432	7,433	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
58	7,848	7,849	<b>6.45</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
59	8,804	8,805	<b>4.75</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
60	9,269	9,269	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00

Sum 38.26

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H225 H225

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,923	8,923	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
2	8,739	8,739	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
3	8,602	8,603	<b>5.09</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
4	8,024	8,024	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
5	8,097	8,098	<b>5.99</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
6	6,933	6,933	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
7	7,462	7,462	<b>7.20</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
8	7,434	7,434	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
9	7,869	7,869	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
10	6,707	6,707	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
11	6,869	6,869	<b>8.43</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
12	5,653	5,654	<b>11.32</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
13	5,943	5,943	<b>10.58</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
14	5,413	5,413	<b>11.96</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
15	5,600	5,600	<b>11.46</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
16	4,534	4,535	<b>14.53</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
17	4,638	4,638	<b>14.20</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
18	4,639	4,639	<b>14.20</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
19	3,678	3,678	<b>17.47</b>	108.5	0.00	82.31	-	-	0.00	0.00	-	0.00
20	4,106	4,106	<b>15.94</b>	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
21	4,517	4,517	<b>14.58</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
22	4,982	4,982	<b>13.17</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
23	5,588	5,588	<b>11.49</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
24	4,284	4,285	<b>15.33</b>	108.5	0.00	83.64	-	-	0.00	0.00	-	0.00
25	3,903	3,904	<b>16.65</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
26	3,546	3,547	<b>17.97</b>	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
27	2,334	2,336	<b>23.53</b>	108.5	0.00	78.37	-	-	0.00	0.00	-	0.00
28	3,025	3,026	<b>20.09</b>	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
29	2,450	2,452	<b>22.86</b>	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
30	3,012	3,013	<b>20.14</b>	108.5	0.00	80.58	-	-	0.00	0.00	-	0.00
31	2,957	2,957	<b>20.38</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
32	2,890	2,891	<b>20.68</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
33	3,289	3,290	<b>18.98</b>	108.5	0.00	81.34	-	-	0.00	0.00	-	0.00
34	4,042	4,042	<b>16.16</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
35	5,118	5,118	<b>12.78</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
36	3,663	3,665	<b>17.52</b>	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
37	3,295	3,297	<b>18.96</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
38	1,099	1,102	<b>33.03</b>	108.5	0.00	71.84	-	-	0.00	0.00	-	0.00
39	1,199	1,202	<b>32.00</b>	108.5	0.00	72.60	-	-	0.00	0.00	-	0.00
40	1,468	1,470	<b>29.55</b>	108.5	0.00	74.35	-	-	0.00	0.00	-	0.00
41	649	654	<b>38.90</b>	108.5	0.00	67.32	-	-	0.00	0.00	-	0.00
42	1,374	1,376	<b>30.37</b>	108.5	0.00	73.77	-	-	0.00	0.00	-	0.00
43	1,773	1,776	<b>27.16</b>	108.5	0.00	75.99	-	-	0.00	0.00	-	0.00
44	1,015	1,020	<b>33.93</b>	108.5	0.00	71.17	-	-	0.00	0.00	-	0.00
45	821	827	<b>36.32</b>	108.5	0.00	69.35	-	-	0.00	0.00	-	0.00
46	3,257	3,259	<b>19.11</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
47	3,132	3,134	<b>19.63</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
48	2,733	2,735	<b>21.38</b>	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
49	4,891	4,892	<b>13.43</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
50	5,542	5,543	<b>11.61</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
51	6,336	6,337	<b>9.63</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
52	5,574	5,575	<b>11.52</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
53	6,327	6,328	<b>9.65</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
54	6,647	6,648	<b>8.92</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
55	6,459	6,460	<b>9.34</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
56	7,464	7,465	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
57	7,302	7,303	<b>7.52</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
58	7,582	7,583	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
59	8,049	8,050	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
60	8,369	8,370	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00

Sum 43.55

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H226 H226

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,665	8,665	<b>4.99</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
2	8,535	8,535	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
3	8,483	8,483	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
4	7,822	7,822	<b>6.50</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
5	8,144	8,144	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
6	6,945	6,945	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
7	7,527	7,527	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
8	7,648	7,648	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
9	8,176	8,176	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
10	6,972	6,972	<b>8.21</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
11	6,775	6,775	<b>8.63</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
12	5,799	5,799	<b>10.94</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
13	6,364	6,364	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
14	5,975	5,975	<b>10.50</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
15	6,270	6,270	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
16	4,527	4,528	<b>14.55</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
17	4,746	4,747	<b>13.87</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
18	4,853	4,853	<b>13.55</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
19	4,006	4,006	<b>16.29</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
20	4,591	4,591	<b>14.35</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
21	5,170	5,170	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
22	5,814	5,814	<b>10.90</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
23	6,507	6,507	<b>9.23</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
24	3,617	3,618	<b>17.70</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
25	3,308	3,309	<b>18.91</b>	108.5	0.00	81.39	-	-	0.00	0.00	-	0.00
26	3,066	3,067	<b>19.91</b>	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00
27	2,301	2,303	<b>23.72</b>	108.5	0.00	78.24	-	-	0.00	0.00	-	0.00
28	3,468	3,469	<b>18.27</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
29	2,790	2,791	<b>21.13</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
30	3,655	3,655	<b>17.56</b>	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
31	3,728	3,728	<b>17.29</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
32	3,776	3,776	<b>17.11</b>	108.5	0.00	82.54	-	-	0.00	0.00	-	0.00
33	4,201	4,201	<b>15.62</b>	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
34	4,918	4,918	<b>13.36</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
35	6,099	6,099	<b>10.19</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
36	2,676	2,677	<b>21.65</b>	108.5	0.00	79.55	-	-	0.00	0.00	-	0.00
37	2,392	2,394	<b>23.19</b>	108.5	0.00	78.58	-	-	0.00	0.00	-	0.00
38	519	525	<b>41.26</b>	108.5	0.00	65.40	-	-	0.00	0.00	-	0.00
39	1,275	1,277	<b>31.27</b>	108.5	0.00	73.12	-	-	0.00	0.00	-	0.00
40	1,949	1,950	<b>25.95</b>	108.5	0.00	76.80	-	-	0.00	0.00	-	0.00
41	1,412	1,414	<b>30.03</b>	108.5	0.00	74.01	-	-	0.00	0.00	-	0.00
42	2,265	2,266	<b>23.94</b>	108.5	0.00	78.10	-	-	0.00	0.00	-	0.00
43	794	799	<b>36.70</b>	108.5	0.00	69.05	-	-	0.00	0.00	-	0.00
44	488	495	<b>41.86</b>	108.5	0.00	64.90	-	-	0.00	0.00	-	0.00
45	1,084	1,088	<b>33.18</b>	108.5	0.00	71.73	-	-	0.00	0.00	-	0.00
46	2,486	2,488	<b>22.66</b>	108.5	0.00	78.92	-	-	0.00	0.00	-	0.00
47	2,569	2,571	<b>22.21</b>	108.5	0.00	79.20	-	-	0.00	0.00	-	0.00
48	3,035	3,036	<b>20.04</b>	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
49	5,380	5,381	<b>12.04</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
50	6,229	6,229	<b>9.88</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
51	6,954	6,954	<b>8.25</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
52	5,933	5,933	<b>10.60</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
53	6,656	6,657	<b>8.90</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
54	7,034	7,034	<b>8.08</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
55	7,015	7,015	<b>8.12</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
56	7,919	7,920	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
57	7,335	7,336	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
58	7,675	7,675	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
59	8,346	8,346	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
60	8,728	8,728	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00

Sum 46.08



Project:

20162030 Westwood Red Pine

Licensed user:

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3100 DeMers Avenue  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H227 H227

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,285	9,285	3.97	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
2	9,074	9,075	4.31	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
3	8,893	8,894	4.60	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
4	8,362	8,363	5.51	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
5	8,299	8,299	5.62	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
6	7,165	7,166	7.80	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
7	7,658	7,658	6.81	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
8	7,540	7,540	7.04	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
9	7,913	7,913	6.33	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
10	6,789	6,789	8.60	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
11	7,160	7,161	7.81	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
12	5,824	5,824	10.88	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
13	5,931	5,932	10.61	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
14	5,308	5,308	12.24	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
15	5,408	5,408	11.97	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
16	4,814	4,815	13.66	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
17	4,851	4,851	13.55	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
18	4,788	4,788	13.74	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
19	3,784	3,785	17.08	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
20	4,088	4,089	16.00	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
21	4,358	4,359	15.09	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
22	4,657	4,657	14.14	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
23	5,170	5,170	12.63	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
24	4,857	4,858	13.53	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
25	4,456	4,457	14.77	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
26	4,064	4,065	16.08	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
27	2,717	2,719	21.46	108.5	0.00	79.69	-	-	0.00	0.00	-	0.00
28	3,082	3,083	19.84	108.5	0.00	80.78	-	-	0.00	0.00	-	0.00
29	2,617	2,618	21.95	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
30	2,914	2,915	20.57	108.5	0.00	80.29	-	-	0.00	0.00	-	0.00
31	2,744	2,745	21.33	108.5	0.00	79.77	-	-	0.00	0.00	-	0.00
32	2,560	2,561	22.26	108.5	0.00	79.17	-	-	0.00	0.00	-	0.00
33	2,914	2,915	20.57	108.5	0.00	80.29	-	-	0.00	0.00	-	0.00
34	3,689	3,690	17.43	108.5	0.00	82.34	-	-	0.00	0.00	-	0.00
35	4,634	4,634	14.22	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
36	4,317	4,318	15.23	108.5	0.00	83.71	-	-	0.00	0.00	-	0.00
37	3,938	3,939	16.52	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
38	1,743	1,745	27.39	108.5	0.00	75.84	-	-	0.00	0.00	-	0.00
39	1,672	1,674	27.92	108.5	0.00	75.48	-	-	0.00	0.00	-	0.00
40	1,661	1,663	28.00	108.5	0.00	75.42	-	-	0.00	0.00	-	0.00
41	891	895	35.43	108.5	0.00	70.04	-	-	0.00	0.00	-	0.00
42	1,175	1,178	32.24	108.5	0.00	72.42	-	-	0.00	0.00	-	0.00
43	2,365	2,367	23.35	108.5	0.00	78.48	-	-	0.00	0.00	-	0.00
44	1,568	1,571	28.72	108.5	0.00	74.92	-	-	0.00	0.00	-	0.00
45	1,110	1,115	32.89	108.5	0.00	71.95	-	-	0.00	0.00	-	0.00
46	3,703	3,705	17.37	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
47	3,471	3,473	18.26	108.5	0.00	81.81	-	-	0.00	0.00	-	0.00
48	2,580	2,581	22.15	108.5	0.00	79.24	-	-	0.00	0.00	-	0.00
49	4,534	4,535	14.53	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
50	5,055	5,056	12.95	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
51	5,883	5,884	10.73	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
52	5,288	5,288	12.30	108.5	0.00	85.47	-	-	0.00	0.00	-	0.00
53	6,048	6,049	10.32	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
54	6,330	6,330	9.64	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
55	6,041	6,042	10.33	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
56	7,099	7,099	7.94	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
57	7,194	7,194	7.74	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
58	7,435	7,436	7.25	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
59	7,774	7,775	6.59	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
60	8,055	8,055	6.06	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00

Sum 40.72

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H228 H228

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,284	12,285	-0.06	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
2	12,015	12,015	0.25	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
3	11,727	11,727	0.60	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
4	11,322	11,323	1.10	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
5	10,904	10,904	1.64	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
6	9,894	9,894	3.04	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
7	10,270	10,270	2.50	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
8	9,890	9,891	3.05	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
9	10,037	10,037	2.83	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
10	9,104	9,104	4.26	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
11	10,037	10,037	2.83	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
12	8,454	8,454	5.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
13	8,006	8,006	6.15	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
14	7,121	7,121	7.89	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
15	6,863	6,863	8.44	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
16	7,754	7,754	6.63	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
17	7,644	7,644	6.84	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
18	7,434	7,434	7.25	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
19	6,425	6,426	9.42	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
20	6,363	6,364	9.56	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
21	6,123	6,123	10.14	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
22	5,644	5,644	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
23	5,516	5,516	11.68	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
24	8,195	8,196	5.81	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
25	7,787	7,787	6.57	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
26	7,374	7,375	7.37	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
27	5,927	5,927	10.62	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
28	5,712	5,713	11.16	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
29	5,535	5,535	11.63	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
30	5,195	5,195	12.56	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
31	4,739	4,740	13.89	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
32	4,218	4,219	15.56	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
33	4,225	4,226	15.53	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
34	4,805	4,805	13.69	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
35	4,670	4,671	14.10	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
36	7,534	7,534	7.06	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
37	7,222	7,223	7.68	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
38	5,037	5,037	13.01	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
39	4,992	4,992	13.14	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
40	4,770	4,770	13.80	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
41	4,178	4,179	15.69	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
42	3,927	3,928	16.56	108.5	0.00	82.88	-	-	0.00	0.00	-	0.00
43	5,260	5,261	12.37	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
44	4,513	4,514	14.59	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
45	3,836	3,837	16.89	108.5	0.00	82.68	-	-	0.00	0.00	-	0.00
46	5,850	5,851	10.81	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
47	5,272	5,273	12.34	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
48	2,987	2,988	20.25	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
49	2,681	2,682	21.63	108.5	0.00	79.57	-	-	0.00	0.00	-	0.00
50	2,228	2,229	24.16	108.5	0.00	77.96	-	-	0.00	0.00	-	0.00
51	3,142	3,143	19.59	108.5	0.00	80.95	-	-	0.00	0.00	-	0.00
52	3,630	3,631	17.65	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
53	4,273	4,274	15.37	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
54	4,291	4,292	15.31	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
55	3,481	3,483	18.22	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
56	4,705	4,706	14.00	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
57	6,153	6,154	10.06	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
58	6,161	6,162	10.04	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
59	5,792	5,793	10.96	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
60	5,843	5,844	10.83	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00

Sum 31.69

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H230 H230

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,598	13,599	-1.49	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	2	13,279	13,279	-1.16	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	3	12,903	12,904	-0.75	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	4	12,618	12,619	-0.44	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	5	11,921	11,921	0.36	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	6	11,039	11,039	1.46	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	7	11,314	11,315	1.11	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	8	10,761	10,762	1.83	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	9	10,746	10,746	1.85	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	10	9,989	9,989	2.90	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	11	11,294	11,294	1.13	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	12	9,587	9,588	3.50	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	13	8,803	8,803	4.75	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	14	7,832	7,832	6.48	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	15	7,386	7,386	7.35	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	16	9,143	9,144	4.20	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	17	8,933	8,933	4.54	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	18	8,636	8,637	5.03	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	19	7,697	7,697	6.74	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	20	7,426	7,426	7.27	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	21	6,921	6,921	8.32	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	22	6,062	6,063	10.28	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	23	5,562	5,563	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	24	10,026	10,027	2.85	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	25	9,591	9,592	3.50	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	26	9,136	9,137	4.21	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	27	7,610	7,611	6.91	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	28	7,043	7,043	8.06	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	29	7,044	7,045	8.05	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	30	6,405	6,406	9.47	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	31	5,884	5,885	10.72	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	32	5,318	5,318	12.21	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	33	5,149	5,150	12.68	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
	34	5,473	5,474	11.79	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	35	4,713	4,713	13.97	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	36	9,559	9,560	3.54	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	37	9,201	9,201	4.10	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	38	7,004	7,005	8.14	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	39	6,825	6,826	8.52	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
	40	6,452	6,453	9.36	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	41	6,013	6,014	10.40	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	42	5,560	5,560	11.56	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	43	7,358	7,359	7.40	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	44	6,587	6,588	9.05	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	45	5,918	5,920	10.64	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	46	7,998	7,999	6.17	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	47	7,411	7,412	7.30	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	48	5,098	5,100	12.83	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	49	4,119	4,121	15.89	108.5	0.00	83.30	-	-	0.00	0.00	-	0.00
	50	2,939	2,941	20.45	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
	51	3,597	3,598	17.77	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	52	4,942	4,943	13.28	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	53	5,377	5,378	12.05	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	54	5,192	5,193	12.56	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	55	4,061	4,063	16.09	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	56	5,199	5,200	12.54	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	57	7,461	7,462	7.20	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	58	7,335	7,337	7.45	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	59	6,510	6,511	9.22	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	60	6,352	6,353	9.59	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00

Sum 28.18

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H233 H233

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,587	14,587	-2.46	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
2	14,252	14,253	-2.14	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
3	13,851	13,851	-1.74	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
4	13,605	13,606	-1.49	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
5	12,820	12,820	-0.66	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
6	11,986	11,986	0.29	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
7	12,227	12,227	0.00	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
8	11,618	11,618	0.73	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
9	11,543	11,543	0.82	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
10	10,858	10,858	1.70	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
11	12,275	12,275	-0.05	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
12	10,541	10,542	2.12	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
13	9,654	9,654	3.40	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
14	8,668	8,668	4.98	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
15	8,162	8,163	5.87	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
16	10,174	10,175	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
17	9,938	9,939	2.98	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
18	9,619	9,620	3.45	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
19	8,708	8,709	4.91	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
20	8,382	8,382	5.48	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
21	7,803	7,804	6.53	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
22	6,836	6,836	8.50	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
23	6,208	6,209	9.93	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
24	11,150	11,151	1.32	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
25	10,712	10,713	1.89	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
26	10,251	10,252	2.53	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
27	8,716	8,717	4.90	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
28	8,076	8,077	6.02	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
29	8,119	8,119	5.95	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
30	7,416	7,417	7.29	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
31	6,888	6,888	8.39	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
32	6,322	6,323	9.66	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
33	6,113	6,114	10.16	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
34	6,351	6,352	9.59	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
35	5,400	5,401	11.99	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
36	10,702	10,703	1.91	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
37	10,342	10,343	2.40	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
38	8,146	8,147	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
39	7,956	7,957	6.25	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
40	7,563	7,564	7.00	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
41	7,146	7,147	7.84	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
42	6,668	6,669	8.87	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
43	8,494	8,495	5.28	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
44	7,727	7,728	6.68	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
45	7,056	7,058	8.03	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
46	9,087	9,088	4.28	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
47	8,482	8,483	5.30	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
48	6,150	6,152	10.07	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
49	4,895	4,896	13.42	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
50	3,557	3,559	17.92	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
51	4,003	4,005	16.29	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
52	5,617	5,619	11.41	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
53	5,936	5,938	10.59	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
54	5,665	5,667	11.28	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
55	4,473	4,475	14.72	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
56	5,475	5,476	11.79	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
57	8,046	8,047	6.08	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
58	7,856	7,858	6.43	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
59	6,829	6,831	8.51	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
60	6,572	6,574	9.08	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00

Sum 26.25

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H248 H248

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,547	12,548	-0.36	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
2	12,164	12,165	0.08	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
3	11,679	11,680	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
4	11,575	11,576	0.78	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
5	10,521	10,522	2.15	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
6	9,849	9,849	3.11	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
7	9,976	9,977	2.92	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
8	9,231	9,232	4.05	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
9	9,026	9,027	4.38	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
10	8,517	8,518	5.24	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
11	10,250	10,250	2.53	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
12	8,465	8,466	5.33	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
13	7,302	7,303	7.52	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
14	6,312	6,313	9.68	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
15	5,689	5,691	11.22	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
16	8,428	8,430	5.39	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
17	8,082	8,083	6.01	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
18	7,684	7,685	6.76	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
19	6,937	6,938	8.28	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
20	6,401	6,402	9.47	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
21	5,614	5,616	11.41	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
22	4,423	4,424	14.88	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
23	3,581	3,583	17.83	108.5	0.00	82.08	-	-	0.00	0.00	-	0.00
24	10,053	10,055	2.81	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
25	9,587	9,588	3.50	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
26	9,075	9,076	4.30	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
27	7,526	7,527	7.07	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
28	6,450	6,451	9.36	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
29	6,728	6,729	8.73	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
30	5,731	5,733	11.11	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
31	5,213	5,215	12.50	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
32	4,712	4,713	13.97	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
33	4,352	4,354	15.11	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
34	4,260	4,262	15.41	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
35	2,921	2,923	20.53	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
36	10,118	10,119	2.72	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
37	9,636	9,638	3.43	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
38	7,574	7,575	6.97	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
39	7,114	7,115	7.91	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
40	6,506	6,507	9.23	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
41	6,409	6,411	9.45	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
42	5,677	5,679	11.25	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
43	8,312	8,314	5.60	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
44	7,508	7,509	7.10	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
45	6,932	6,933	8.29	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
46	9,407	9,409	3.78	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
47	8,956	8,957	4.50	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
48	6,880	6,882	8.40	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
49	6,607	6,609	9.00	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
50	5,621	5,623	11.40	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
51	6,348	6,350	9.60	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
52	7,509	7,511	7.10	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
53	8,031	8,032	6.11	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
54	7,898	7,899	6.35	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
55	6,806	6,808	8.56	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
56	7,964	7,965	6.23	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
57	10,061	10,063	2.80	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
58	9,988	9,989	2.90	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
59	9,262	9,263	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
60	9,121	9,122	4.23	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00

Sum 27.69

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H249 H249

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,028	11,028	1.47	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
2	10,695	10,695	1.92	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
3	10,301	10,301	2.46	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
4	10,046	10,047	2.82	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
5	9,301	9,302	3.94	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
6	8,436	8,436	5.38	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
7	8,697	8,698	4.93	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
8	8,142	8,143	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
9	8,147	8,147	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
10	7,369	7,369	7.38	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
11	8,716	8,717	4.90	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
12	6,988	6,988	8.17	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
13	6,186	6,186	9.98	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
14	5,222	5,222	12.48	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
15	4,813	4,814	13.67	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
16	6,637	6,638	8.94	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
17	6,384	6,385	9.51	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
18	6,061	6,061	10.29	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
19	5,159	5,160	12.66	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
20	4,826	4,827	13.63	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
21	4,300	4,301	15.28	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
22	3,508	3,509	18.12	108.5	0.00	81.90	-	-	0.00	0.00	-	0.00
23	3,196	3,197	19.37	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
24	7,883	7,884	6.38	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
25	7,425	7,426	7.27	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
26	6,931	6,932	8.29	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
27	5,370	5,371	12.07	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
28	4,549	4,550	14.48	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
29	4,668	4,669	14.11	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
30	3,871	3,872	16.76	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
31	3,339	3,340	18.78	108.5	0.00	81.47	-	-	0.00	0.00	-	0.00
32	2,776	2,777	21.19	108.5	0.00	79.87	-	-	0.00	0.00	-	0.00
33	2,554	2,555	22.29	108.5	0.00	79.15	-	-	0.00	0.00	-	0.00
34	2,855	2,856	20.83	108.5	0.00	80.12	-	-	0.00	0.00	-	0.00
35	2,333	2,334	23.54	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
36	7,794	7,795	6.55	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
37	7,335	7,336	7.45	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
38	5,230	5,231	12.46	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
39	4,822	4,823	13.64	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
40	4,276	4,277	15.36	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
41	4,081	4,082	16.02	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
42	3,405	3,407	18.51	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
43	5,943	5,945	10.57	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
44	5,139	5,140	12.71	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
45	4,569	4,570	14.42	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
46	7,076	7,077	7.98	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
47	6,661	6,662	8.88	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
48	4,731	4,732	13.91	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
49	5,047	5,048	12.98	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
50	4,494	4,496	14.65	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
51	5,380	5,381	12.04	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
52	5,999	6,000	10.44	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
53	6,650	6,650	8.91	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
54	6,656	6,657	8.90	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
55	5,769	5,770	11.01	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
56	6,998	6,999	8.15	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
57	8,500	8,501	5.27	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
58	8,529	8,529	5.22	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
59	8,145	8,146	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
60	8,156	8,156	5.88	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00

Sum 32.09

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H250 H250

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,312	10,313	2.44	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	2	10,016	10,017	2.86	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	3	9,689	9,689	3.35	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	4	9,338	9,339	3.89	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	5	8,813	8,813	4.74	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	6	7,839	7,839	6.47	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	7	8,184	8,185	5.83	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	8	7,770	7,771	6.60	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	9	7,908	7,908	6.34	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	10	6,984	6,984	8.18	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	11	8,029	8,030	6.11	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	12	6,388	6,389	9.51	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	13	5,877	5,878	10.74	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	14	4,994	4,994	13.13	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	15	4,765	4,765	13.81	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	16	5,813	5,814	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	17	5,642	5,643	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	18	5,390	5,390	12.02	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	19	4,407	4,408	14.93	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	20	4,264	4,265	15.40	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	21	3,994	3,995	16.33	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	22	3,600	3,601	17.76	108.5	0.00	82.13	-	-	0.00	0.00	-	0.00
	23	3,666	3,666	17.52	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
	24	6,737	6,738	8.72	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	25	6,289	6,290	9.74	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	26	5,815	5,816	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	27	4,270	4,271	15.38	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	28	3,721	3,723	17.31	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
	29	3,682	3,684	17.45	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
	30	3,135	3,136	19.62	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
	31	2,648	2,650	21.78	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
	32	2,107	2,109	24.91	108.5	0.00	77.48	-	-	0.00	0.00	-	0.00
	33	2,096	2,098	24.98	108.5	0.00	77.44	-	-	0.00	0.00	-	0.00
	34	2,707	2,708	21.50	108.5	0.00	79.65	-	-	0.00	0.00	-	0.00
	35	2,904	2,905	20.61	108.5	0.00	80.26	-	-	0.00	0.00	-	0.00
	36	6,525	6,526	9.19	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	37	6,086	6,087	10.22	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	38	3,949	3,950	16.48	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	39	3,596	3,598	17.77	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
	40	3,127	3,128	19.65	108.5	0.00	80.91	-	-	0.00	0.00	-	0.00
	41	2,823	2,825	20.97	108.5	0.00	80.02	-	-	0.00	0.00	-	0.00
	42	2,233	2,235	24.13	108.5	0.00	77.98	-	-	0.00	0.00	-	0.00
	43	4,641	4,642	14.19	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
	44	3,837	3,838	16.88	108.5	0.00	82.68	-	-	0.00	0.00	-	0.00
	45	3,276	3,278	19.03	108.5	0.00	81.31	-	-	0.00	0.00	-	0.00
	46	5,813	5,814	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	47	5,433	5,434	11.90	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	48	3,679	3,680	17.46	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
	49	4,520	4,521	14.57	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	50	4,346	4,348	15.13	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	51	5,262	5,263	12.37	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	52	5,456	5,457	11.84	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	53	6,171	6,172	10.02	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	54	6,276	6,277	9.77	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	55	5,578	5,579	11.51	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	56	6,788	6,789	8.60	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	57	7,835	7,835	6.47	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	58	7,934	7,935	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	59	7,793	7,794	6.55	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	60	7,902	7,903	6.35	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00

Sum 34.25

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H251 H251

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,955	8,956	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	2	8,726	8,727	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	3	8,516	8,516	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	4	8,018	8,019	<b>6.13</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	5	7,872	7,872	<b>6.40</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	6	6,758	6,758	<b>8.67</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	7	7,230	7,231	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	8	7,073	7,073	<b>7.99</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	9	7,424	7,424	<b>7.27</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	10	6,314	6,315	<b>9.68</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	11	6,788	6,789	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	12	5,390	5,391	<b>12.02</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	13	5,430	5,430	<b>11.91</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	14	4,788	4,789	<b>13.74</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	15	4,881	4,881	<b>13.46</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
	16	4,448	4,449	<b>14.80</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	17	4,444	4,445	<b>14.81</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	18	4,349	4,350	<b>15.12</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	19	3,333	3,334	<b>18.80</b>	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
	20	3,591	3,591	<b>17.80</b>	108.5	0.00	82.10	-	-	0.00	0.00	-	0.00
	21	3,834	3,834	<b>16.90</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
	22	4,142	4,143	<b>15.81</b>	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
	23	4,686	4,686	<b>14.05</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
	24	4,773	4,774	<b>13.79</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	25	4,347	4,348	<b>15.13</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	26	3,915	3,917	<b>16.60</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	27	2,465	2,467	<b>22.78</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
	28	2,618	2,620	<b>21.94</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
	29	2,217	2,218	<b>24.23</b>	108.5	0.00	77.92	-	-	0.00	0.00	-	0.00
	30	2,402	2,403	<b>23.14</b>	108.5	0.00	78.62	-	-	0.00	0.00	-	0.00
	31	2,218	2,219	<b>24.22</b>	108.5	0.00	77.92	-	-	0.00	0.00	-	0.00
	32	2,042	2,043	<b>25.33</b>	108.5	0.00	77.21	-	-	0.00	0.00	-	0.00
	33	2,409	2,410	<b>23.10</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
	34	3,180	3,180	<b>19.43</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
	35	4,187	4,187	<b>15.66</b>	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
	36	4,448	4,449	<b>14.80</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	37	4,013	4,014	<b>16.26</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	38	1,877	1,879	<b>26.43</b>	108.5	0.00	76.48	-	-	0.00	0.00	-	0.00
	39	1,567	1,570	<b>28.73</b>	108.5	0.00	74.92	-	-	0.00	0.00	-	0.00
	40	1,326	1,329	<b>30.79</b>	108.5	0.00	73.47	-	-	0.00	0.00	-	0.00
	41	759	765	<b>37.19</b>	108.5	0.00	68.67	-	-	0.00	0.00	-	0.00
	42	669	674	<b>38.58</b>	108.5	0.00	67.57	-	-	0.00	0.00	-	0.00
	43	2,712	2,714	<b>21.48</b>	108.5	0.00	79.67	-	-	0.00	0.00	-	0.00
	44	1,950	1,952	<b>25.93</b>	108.5	0.00	76.81	-	-	0.00	0.00	-	0.00
	45	1,595	1,598	<b>28.51</b>	108.5	0.00	75.07	-	-	0.00	0.00	-	0.00
	46	4,160	4,161	<b>15.75</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
	47	3,967	3,969	<b>16.42</b>	108.5	0.00	82.97	-	-	0.00	0.00	-	0.00
	48	3,076	3,078	<b>19.87</b>	108.5	0.00	80.76	-	-	0.00	0.00	-	0.00
	49	4,924	4,925	<b>13.34</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	50	5,335	5,336	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	51	6,191	6,192	<b>9.97</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	52	5,714	5,715	<b>11.16</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	53	6,476	6,477	<b>9.30</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	54	6,735	6,736	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	55	6,379	6,380	<b>9.53</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	56	7,471	7,471	<b>7.18</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	57	7,686	7,686	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	58	7,915	7,916	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	59	8,199	8,200	<b>5.80</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	60	8,457	8,457	<b>5.34</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00

Sum 42.73



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H252 H252

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,811	8,811	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	2	8,618	8,618	<b>5.07</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	3	8,467	8,467	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	4	7,903	7,904	<b>6.35</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	5	7,937	7,937	<b>6.28</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	6	6,780	6,780	<b>8.62</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	7	7,299	7,300	<b>7.53</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	8	7,251	7,252	<b>7.62</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	9	7,676	7,676	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	10	6,519	6,519	<b>9.21</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	11	6,732	6,733	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	12	5,483	5,484	<b>11.76</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	13	5,740	5,740	<b>11.09</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	14	5,199	5,199	<b>12.55</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	15	5,381	5,381	<b>12.04</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	16	4,392	4,392	<b>14.98</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
	17	4,477	4,477	<b>14.71</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
	18	4,463	4,463	<b>14.76</b>	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00
	19	3,491	3,492	<b>18.18</b>	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	20	3,900	3,901	<b>16.66</b>	108.5	0.00	82.82	-	-	0.00	0.00	-	0.00
	21	4,299	4,299	<b>15.29</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	22	4,762	4,763	<b>13.82</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	23	5,375	5,375	<b>12.06</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	24	4,275	4,276	<b>15.37</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	25	3,879	3,880	<b>16.73</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
	26	3,500	3,501	<b>18.15</b>	108.5	0.00	81.88	-	-	0.00	0.00	-	0.00
	27	2,220	2,222	<b>24.21</b>	108.5	0.00	77.93	-	-	0.00	0.00	-	0.00
	28	2,828	2,829	<b>20.95</b>	108.5	0.00	80.03	-	-	0.00	0.00	-	0.00
	29	2,272	2,273	<b>23.90</b>	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
	30	2,796	2,797	<b>21.10</b>	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
	31	2,736	2,737	<b>21.37</b>	108.5	0.00	79.74	-	-	0.00	0.00	-	0.00
	32	2,672	2,673	<b>21.67</b>	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
	33	3,074	3,074	<b>19.88</b>	108.5	0.00	80.75	-	-	0.00	0.00	-	0.00
	34	3,824	3,824	<b>16.93</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	35	4,915	4,915	<b>13.36</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	36	3,754	3,755	<b>17.19</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
	37	3,358	3,360	<b>18.70</b>	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
	38	1,171	1,175	<b>32.28</b>	108.5	0.00	72.40	-	-	0.00	0.00	-	0.00
	39	1,117	1,120	<b>32.83</b>	108.5	0.00	71.99	-	-	0.00	0.00	-	0.00
	40	1,287	1,289	<b>31.16</b>	108.5	0.00	73.21	-	-	0.00	0.00	-	0.00
	41	454	462	<b>42.59</b>	108.5	0.00	64.29	-	-	0.00	0.00	-	0.00
	42	1,154	1,156	<b>32.46</b>	108.5	0.00	72.26	-	-	0.00	0.00	-	0.00
	43	1,962	1,964	<b>25.85</b>	108.5	0.00	76.86	-	-	0.00	0.00	-	0.00
	44	1,224	1,227	<b>31.75</b>	108.5	0.00	72.78	-	-	0.00	0.00	-	0.00
	45	1,031	1,036	<b>33.75</b>	108.5	0.00	71.30	-	-	0.00	0.00	-	0.00
	46	3,474	3,476	<b>18.24</b>	108.5	0.00	81.82	-	-	0.00	0.00	-	0.00
	47	3,353	3,355	<b>18.72</b>	108.5	0.00	81.51	-	-	0.00	0.00	-	0.00
	48	2,887	2,888	<b>20.69</b>	108.5	0.00	80.21	-	-	0.00	0.00	-	0.00
	49	4,994	4,994	<b>13.13</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	50	5,594	5,595	<b>11.47</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	51	6,404	6,405	<b>9.47</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	52	5,700	5,701	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	53	6,456	6,457	<b>9.35</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	54	6,765	6,765	<b>8.66</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	55	6,541	6,542	<b>9.15</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	56	7,567	7,567	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	57	7,475	7,475	<b>7.17</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	58	7,747	7,747	<b>6.64</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	59	8,181	8,182	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	60	8,489	8,490	<b>5.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00

Sum 44.96

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H253 H253

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,263	7,264	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	2	7,088	7,088	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	3	6,975	6,976	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	4	6,372	6,373	<b>9.54</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	5	6,552	6,553	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	6	5,364	5,364	<b>12.09</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	7	5,928	5,928	<b>10.62</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	8	6,020	6,020	<b>10.39</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	9	6,550	6,550	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	10	5,344	5,344	<b>12.14</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	11	5,247	5,248	<b>12.41</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	12	4,176	4,177	<b>15.70</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	13	4,773	4,773	<b>13.79</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	14	4,468	4,469	<b>14.74</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
	15	4,853	4,853	<b>13.55</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	16	2,943	2,944	<b>20.44</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
	17	3,127	3,127	<b>19.65</b>	108.5	0.00	80.90	-	-	0.00	0.00	-	0.00
	18	3,225	3,225	<b>19.25</b>	108.5	0.00	81.17	-	-	0.00	0.00	-	0.00
	19	2,405	2,406	<b>23.12</b>	108.5	0.00	78.63	-	-	0.00	0.00	-	0.00
	20	3,058	3,059	<b>19.95</b>	108.5	0.00	80.71	-	-	0.00	0.00	-	0.00
	21	3,764	3,764	<b>17.15</b>	108.5	0.00	82.51	-	-	0.00	0.00	-	0.00
	22	4,629	4,630	<b>14.23</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	23	5,472	5,473	<b>11.79</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	24	2,844	2,845	<b>20.88</b>	108.5	0.00	80.08	-	-	0.00	0.00	-	0.00
	25	2,408	2,410	<b>23.10</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
	26	1,974	1,976	<b>25.77</b>	108.5	0.00	76.92	-	-	0.00	0.00	-	0.00
	27	699	704	<b>38.11</b>	108.5	0.00	67.95	-	-	0.00	0.00	-	0.00
	28	1,951	1,952	<b>25.93</b>	108.5	0.00	76.81	-	-	0.00	0.00	-	0.00
	29	1,246	1,248	<b>31.55</b>	108.5	0.00	72.93	-	-	0.00	0.00	-	0.00
	30	2,323	2,323	<b>23.60</b>	108.5	0.00	78.32	-	-	0.00	0.00	-	0.00
	31	2,573	2,573	<b>22.19</b>	108.5	0.00	79.21	-	-	0.00	0.00	-	0.00
	32	2,833	2,834	<b>20.93</b>	108.5	0.00	80.05	-	-	0.00	0.00	-	0.00
	33	3,274	3,275	<b>19.04</b>	108.5	0.00	81.30	-	-	0.00	0.00	-	0.00
	34	3,857	3,858	<b>16.81</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
	35	5,249	5,249	<b>12.41</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	36	2,903	2,904	<b>20.62</b>	108.5	0.00	80.26	-	-	0.00	0.00	-	0.00
	37	2,354	2,356	<b>23.41</b>	108.5	0.00	78.44	-	-	0.00	0.00	-	0.00
	38	1,115	1,118	<b>32.86</b>	108.5	0.00	71.97	-	-	0.00	0.00	-	0.00
	39	465	473	<b>42.35</b>	108.5	0.00	64.49	-	-	0.00	0.00	-	0.00
	40	830	833	<b>36.24</b>	108.5	0.00	69.42	-	-	0.00	0.00	-	0.00
	41	1,228	1,231	<b>31.72</b>	108.5	0.00	72.80	-	-	0.00	0.00	-	0.00
	42	1,681	1,683	<b>27.85</b>	108.5	0.00	75.52	-	-	0.00	0.00	-	0.00
	43	2,312	2,314	<b>23.65</b>	108.5	0.00	78.29	-	-	0.00	0.00	-	0.00
	44	2,041	2,043	<b>25.33</b>	108.5	0.00	77.21	-	-	0.00	0.00	-	0.00
	45	2,338	2,340	<b>23.50</b>	108.5	0.00	78.39	-	-	0.00	0.00	-	0.00
	46	4,047	4,048	<b>16.14</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	47	4,194	4,195	<b>15.64</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
	48	4,362	4,363	<b>15.08</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	49	6,554	6,554	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	50	7,160	7,161	<b>7.81</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	51	7,976	7,976	<b>6.21</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	52	7,230	7,230	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	53	7,980	7,980	<b>6.20</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	54	8,307	8,308	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	55	8,113	8,113	<b>5.96</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	56	9,127	9,127	<b>4.22</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	57	8,856	8,857	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	58	9,165	9,166	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	59	9,698	9,699	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	60	10,028	10,028	<b>2.85</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00

Sum 45.71

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H254 H254

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,036	8,036	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
2	7,930	7,930	<b>6.30</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
3	7,918	7,919	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
4	7,222	7,222	<b>7.68</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
5	7,669	7,669	<b>6.79</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
6	6,460	6,461	<b>9.34</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
7	7,068	7,068	<b>8.01</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
8	7,277	7,277	<b>7.57</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
9	7,860	7,860	<b>6.43</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
10	6,641	6,642	<b>8.93</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
11	6,235	6,235	<b>9.87</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
12	5,410	5,410	<b>11.96</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
13	6,150	6,151	<b>10.07</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
14	5,875	5,875	<b>10.75</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
15	6,253	6,253	<b>9.83</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
16	4,072	4,073	<b>16.05</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
17	4,356	4,356	<b>15.10</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
18	4,528	4,528	<b>14.55</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
19	3,786	3,787	<b>17.07</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
20	4,463	4,464	<b>14.75</b>	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00
21	5,159	5,159	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
22	5,954	5,954	<b>10.55</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
23	6,733	6,733	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
24	2,880	2,881	<b>20.72</b>	108.5	0.00	80.19	-	-	0.00	0.00	-	0.00
25	2,593	2,594	<b>22.08</b>	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
26	2,401	2,402	<b>23.14</b>	108.5	0.00	78.61	-	-	0.00	0.00	-	0.00
27	1,957	1,959	<b>25.89</b>	108.5	0.00	76.84	-	-	0.00	0.00	-	0.00
28	3,357	3,358	<b>18.71</b>	108.5	0.00	81.52	-	-	0.00	0.00	-	0.00
29	2,653	2,654	<b>21.76</b>	108.5	0.00	79.48	-	-	0.00	0.00	-	0.00
30	3,686	3,687	<b>17.44</b>	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
31	3,863	3,864	<b>16.79</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
32	4,017	4,017	<b>16.25</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
33	4,457	4,458	<b>14.77</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
34	5,119	5,119	<b>12.77</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
35	6,411	6,411	<b>9.45</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
36	1,993	1,996	<b>25.64</b>	108.5	0.00	77.00	-	-	0.00	0.00	-	0.00
37	1,654	1,656	<b>28.06</b>	108.5	0.00	75.38	-	-	0.00	0.00	-	0.00
38	604	609	<b>39.67</b>	108.5	0.00	66.70	-	-	0.00	0.00	-	0.00
39	1,260	1,262	<b>31.41</b>	108.5	0.00	73.02	-	-	0.00	0.00	-	0.00
40	2,020	2,021	<b>25.48</b>	108.5	0.00	77.11	-	-	0.00	0.00	-	0.00
41	1,779	1,781	<b>27.13</b>	108.5	0.00	76.01	-	-	0.00	0.00	-	0.00
42	2,591	2,592	<b>22.09</b>	108.5	0.00	79.27	-	-	0.00	0.00	-	0.00
43	1,029	1,033	<b>33.79</b>	108.5	0.00	71.28	-	-	0.00	0.00	-	0.00
44	1,216	1,219	<b>31.83</b>	108.5	0.00	72.72	-	-	0.00	0.00	-	0.00
45	1,835	1,838	<b>26.72</b>	108.5	0.00	76.29	-	-	0.00	0.00	-	0.00
46	2,710	2,711	<b>21.49</b>	108.5	0.00	79.66	-	-	0.00	0.00	-	0.00
47	2,970	2,971	<b>20.32</b>	108.5	0.00	80.46	-	-	0.00	0.00	-	0.00
48	3,763	3,764	<b>17.15</b>	108.5	0.00	82.51	-	-	0.00	0.00	-	0.00
49	6,122	6,123	<b>10.14</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
50	6,980	6,981	<b>8.19</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
51	7,705	7,705	<b>6.72</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
52	6,653	6,653	<b>8.90</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
53	7,367	7,368	<b>7.39</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
54	7,756	7,756	<b>6.62</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
55	7,761	7,762	<b>6.61</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
56	8,652	8,652	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
57	7,952	7,953	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
58	8,312	8,313	<b>5.60</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
59	9,043	9,044	<b>4.36</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
60	9,440	9,440	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00

Sum 42.80

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H255 H255

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,882	7,882	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	2	7,804	7,805	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	3	7,836	7,837	<b>6.47</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	4	7,105	7,105	<b>7.93</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	5	7,675	7,675	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	6	6,464	6,464	<b>9.33</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	7	7,090	7,090	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	8	7,371	7,371	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	9	7,991	7,991	<b>6.18</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	10	6,769	6,769	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	11	6,187	6,187	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	12	5,502	5,502	<b>11.72</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	13	6,361	6,361	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	14	6,154	6,154	<b>10.06</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	15	6,574	6,574	<b>9.08</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	16	4,126	4,126	<b>15.87</b>	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
	17	4,459	4,459	<b>14.77</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	18	4,678	4,678	<b>14.08</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	19	4,018	4,019	<b>16.24</b>	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
	20	4,740	4,740	<b>13.89</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	21	5,490	5,490	<b>11.75</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	22	6,348	6,348	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	23	7,158	7,158	<b>7.82</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	24	2,574	2,576	<b>22.18</b>	108.5	0.00	79.22	-	-	0.00	0.00	-	0.00
	25	2,351	2,352	<b>23.43</b>	108.5	0.00	78.43	-	-	0.00	0.00	-	0.00
	26	2,257	2,258	<b>23.99</b>	108.5	0.00	78.08	-	-	0.00	0.00	-	0.00
	27	2,165	2,167	<b>24.55</b>	108.5	0.00	77.72	-	-	0.00	0.00	-	0.00
	28	3,660	3,660	<b>17.54</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
	29	2,958	2,959	<b>20.38</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
	30	4,052	4,052	<b>16.12</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	31	4,269	4,270	<b>15.39</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	32	4,458	4,459	<b>14.77</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	33	4,901	4,901	<b>13.41</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	34	5,540	5,540	<b>11.61</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	35	6,865	6,865	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	36	1,495	1,497	<b>29.32</b>	108.5	0.00	74.51	-	-	0.00	0.00	-	0.00
	37	1,205	1,208	<b>31.95</b>	108.5	0.00	72.64	-	-	0.00	0.00	-	0.00
	38	1,105	1,107	<b>32.97</b>	108.5	0.00	71.88	-	-	0.00	0.00	-	0.00
	39	1,685	1,686	<b>27.83</b>	108.5	0.00	75.54	-	-	0.00	0.00	-	0.00
	40	2,436	2,437	<b>22.95</b>	108.5	0.00	78.74	-	-	0.00	0.00	-	0.00
	41	2,271	2,273	<b>23.90</b>	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
	42	3,067	3,068	<b>19.91</b>	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00
	43	1,177	1,181	<b>32.21</b>	108.5	0.00	72.44	-	-	0.00	0.00	-	0.00
	44	1,613	1,615	<b>28.38</b>	108.5	0.00	75.16	-	-	0.00	0.00	-	0.00
	45	2,269	2,271	<b>23.91</b>	108.5	0.00	78.12	-	-	0.00	0.00	-	0.00
	46	2,663	2,665	<b>21.71</b>	108.5	0.00	79.51	-	-	0.00	0.00	-	0.00
	47	3,036	3,038	<b>20.04</b>	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
	48	4,113	4,113	<b>15.91</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	49	6,490	6,491	<b>9.27</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
	50	7,401	7,401	<b>7.32</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	51	8,103	8,103	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	52	6,976	6,976	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	53	7,675	7,676	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	54	8,081	8,081	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	55	8,140	8,141	<b>5.91</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	56	8,994	8,995	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	57	8,146	8,147	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	58	8,526	8,526	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	59	9,329	9,330	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	60	9,746	9,747	<b>3.26</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00

Sum 40.01

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H257 H257

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,280	6,280	<b>9.76</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
2	6,267	6,267	<b>9.79</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
3	6,406	6,407	<b>9.46</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
4	5,600	5,600	<b>11.45</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
5	6,494	6,494	<b>9.26</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
6	5,317	5,317	<b>12.22</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
7	5,978	5,978	<b>10.49</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
8	6,485	6,485	<b>9.28</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
9	7,218	7,219	<b>7.69</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
10	6,027	6,027	<b>10.37</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
11	4,895	4,896	<b>13.42</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
12	4,702	4,702	<b>14.01</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
13	5,951	5,951	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
14	6,039	6,039	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
15	6,622	6,622	<b>8.97</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
16	3,317	3,318	<b>18.87</b>	108.5	0.00	81.42	-	-	0.00	0.00	-	0.00
17	3,789	3,790	<b>17.06</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
18	4,160	4,161	<b>15.75</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
19	3,895	3,895	<b>16.68</b>	108.5	0.00	82.81	-	-	0.00	0.00	-	0.00
20	4,718	4,718	<b>13.96</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
21	5,646	5,647	<b>11.33</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
22	6,765	6,765	<b>8.66</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
23	7,715	7,715	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
24	810	814	<b>36.50</b>	108.5	0.00	69.21	-	-	0.00	0.00	-	0.00
25	846	849	<b>36.03</b>	108.5	0.00	69.58	-	-	0.00	0.00	-	0.00
26	1,184	1,187	<b>32.15</b>	108.5	0.00	72.49	-	-	0.00	0.00	-	0.00
27	2,392	2,394	<b>23.19</b>	108.5	0.00	78.58	-	-	0.00	0.00	-	0.00
28	3,870	3,870	<b>16.77</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
29	3,302	3,303	<b>18.93</b>	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
30	4,488	4,488	<b>14.68</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
31	4,879	4,879	<b>13.47</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
32	5,246	5,246	<b>12.41</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
33	5,673	5,673	<b>11.26</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
34	6,147	6,147	<b>10.08</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
35	7,620	7,620	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
36	1,160	1,164	<b>32.39</b>	108.5	0.00	72.32	-	-	0.00	0.00	-	0.00
37	761	766	<b>37.18</b>	108.5	0.00	68.68	-	-	0.00	0.00	-	0.00
38	2,667	2,669	<b>21.69</b>	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00
39	2,792	2,794	<b>21.11</b>	108.5	0.00	79.92	-	-	0.00	0.00	-	0.00
40	3,330	3,331	<b>18.82</b>	108.5	0.00	81.45	-	-	0.00	0.00	-	0.00
41	3,592	3,593	<b>17.79</b>	108.5	0.00	82.11	-	-	0.00	0.00	-	0.00
42	4,185	4,186	<b>15.67</b>	108.5	0.00	83.44	-	-	0.00	0.00	-	0.00
43	3,001	3,002	<b>20.19</b>	108.5	0.00	80.55	-	-	0.00	0.00	-	0.00
44	3,421	3,422	<b>18.45</b>	108.5	0.00	81.69	-	-	0.00	0.00	-	0.00
45	4,043	4,044	<b>16.15</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
46	4,214	4,215	<b>15.57</b>	108.5	0.00	83.50	-	-	0.00	0.00	-	0.00
47	4,724	4,724	<b>13.94</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
48	5,950	5,950	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
49	8,322	8,323	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
50	9,187	9,188	<b>4.13</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
51	9,915	9,915	<b>3.01</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
52	8,817	8,817	<b>4.73</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
53	9,514	9,515	<b>3.61</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
54	9,921	9,922	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
55	9,967	9,967	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
56	10,835	10,835	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
57	9,915	9,915	<b>3.01</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
58	10,312	10,313	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
59	11,161	11,161	<b>1.30</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
60	11,584	11,585	<b>0.77</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00

Sum 42.72

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H258 H258

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,109	7,109	<b>7.92</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
2	7,158	7,159	<b>7.82</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
3	7,377	7,377	<b>7.37</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
4	6,530	6,530	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
5	7,591	7,592	<b>6.94</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
6	6,441	6,441	<b>9.38</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
7	7,106	7,106	<b>7.92</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
8	7,667	7,667	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
9	8,416	8,416	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
10	7,234	7,234	<b>7.66</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
11	5,969	5,969	<b>10.51</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
12	5,910	5,910	<b>10.66</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
13	7,176	7,177	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
14	7,248	7,249	<b>7.63</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
15	7,814	7,814	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
16	4,535	4,536	<b>14.52</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
17	5,013	5,014	<b>13.08</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
18	5,386	5,386	<b>12.03</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
19	5,089	5,090	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
20	5,907	5,907	<b>10.67</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
21	6,814	6,814	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
22	7,885	7,885	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
23	8,803	8,803	<b>4.75</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
24	1,817	1,819	<b>26.86</b>	108.5	0.00	76.19	-	-	0.00	0.00	-	0.00
25	2,034	2,036	<b>25.38</b>	108.5	0.00	77.17	-	-	0.00	0.00	-	0.00
26	2,409	2,411	<b>23.10</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
27	3,466	3,466	<b>18.28</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
28	5,003	5,004	<b>13.11</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
29	4,387	4,388	<b>15.00</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
30	5,577	5,577	<b>11.52</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
31	5,924	5,924	<b>10.63</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
32	6,235	6,235	<b>9.87</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
33	6,673	6,673	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
34	7,208	7,208	<b>7.71</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
35	8,643	8,643	<b>5.02</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
36	634	641	<b>39.13</b>	108.5	0.00	67.13	-	-	0.00	0.00	-	0.00
37	1,056	1,059	<b>33.49</b>	108.5	0.00	71.50	-	-	0.00	0.00	-	0.00
38	3,191	3,192	<b>19.38</b>	108.5	0.00	81.08	-	-	0.00	0.00	-	0.00
39	3,575	3,575	<b>17.86</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
40	4,232	4,233	<b>15.51</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
41	4,298	4,299	<b>15.29</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
42	5,013	5,013	<b>13.08</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
43	3,035	3,037	<b>20.04</b>	108.5	0.00	80.65	-	-	0.00	0.00	-	0.00
44	3,678	3,679	<b>17.47</b>	108.5	0.00	82.31	-	-	0.00	0.00	-	0.00
45	4,353	4,354	<b>15.11</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
46	3,750	3,751	<b>17.20</b>	108.5	0.00	82.48	-	-	0.00	0.00	-	0.00
47	4,375	4,376	<b>15.04</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
48	6,031	6,032	<b>10.36</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
49	8,409	8,409	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
50	9,423	9,423	<b>3.75</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
51	10,075	10,075	<b>2.78</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
52	8,783	8,783	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
53	9,433	9,433	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
54	9,877	9,877	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
55	10,070	10,070	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
56	10,829	10,829	<b>1.74</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
57	9,570	9,571	<b>3.53</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
58	10,004	10,004	<b>2.88</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
59	11,006	11,007	<b>1.50</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
60	11,476	11,477	<b>0.90</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00

Sum 40.93

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H259 H259

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,369	6,369	<b>9.55</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
2	6,447	6,447	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
3	6,710	6,710	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
4	5,844	5,845	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
5	7,030	7,030	<b>8.08</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
6	5,921	5,921	<b>10.63</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
7	6,584	6,584	<b>9.06</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
8	7,229	7,229	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
9	8,010	8,010	<b>6.15</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
10	6,864	6,864	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
11	5,397	5,397	<b>12.00</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
12	5,555	5,555	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
13	6,940	6,941	<b>8.28</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
14	7,125	7,126	<b>7.88</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
15	7,743	7,743	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
16	4,241	4,242	<b>15.48</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
17	4,749	4,749	<b>13.86</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
18	5,164	5,164	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
19	5,027	5,027	<b>13.04</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
20	5,852	5,852	<b>10.81</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
21	6,803	6,803	<b>8.57</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
22	7,955	7,955	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
23	8,917	8,917	<b>4.56</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
24	1,407	1,409	<b>30.08</b>	108.5	0.00	73.98	-	-	0.00	0.00	-	0.00
25	1,781	1,783	<b>27.11</b>	108.5	0.00	76.02	-	-	0.00	0.00	-	0.00
26	2,268	2,269	<b>23.92</b>	108.5	0.00	78.12	-	-	0.00	0.00	-	0.00
27	3,610	3,611	<b>17.73</b>	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
28	5,061	5,061	<b>12.94</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
29	4,514	4,515	<b>14.59</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
30	5,695	5,695	<b>11.21</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
31	6,096	6,096	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
32	6,466	6,466	<b>9.33</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
33	6,893	6,893	<b>8.38</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
34	7,359	7,359	<b>7.41</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
35	8,837	8,837	<b>4.70</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
36	1,376	1,380	<b>30.34</b>	108.5	0.00	73.79	-	-	0.00	0.00	-	0.00
37	1,533	1,535	<b>29.01</b>	108.5	0.00	74.72	-	-	0.00	0.00	-	0.00
38	3,723	3,723	<b>17.30</b>	108.5	0.00	82.42	-	-	0.00	0.00	-	0.00
39	3,964	3,964	<b>16.43</b>	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00
40	4,539	4,539	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
41	4,742	4,743	<b>13.88</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
42	5,379	5,380	<b>12.05</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
43	3,760	3,761	<b>17.17</b>	108.5	0.00	82.51	-	-	0.00	0.00	-	0.00
44	4,335	4,336	<b>15.17</b>	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
45	4,997	4,998	<b>13.12</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
46	4,581	4,582	<b>14.38</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
47	5,197	5,198	<b>12.55</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
48	6,768	6,768	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
49	9,152	9,152	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
50	10,118	10,118	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
51	10,798	10,798	<b>1.78</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
52	9,559	9,559	<b>3.55</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
53	10,221	10,221	<b>2.57</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
54	10,657	10,658	<b>1.97</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
55	10,810	10,811	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
56	11,601	11,601	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
57	10,399	10,399	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
58	10,830	10,830	<b>1.74</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
59	11,811	11,811	<b>0.50</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
60	12,272	12,273	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00

Sum 36.44

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H260 H260

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,248	6,249	<b>9.84</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	2	6,347	6,348	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	3	6,640	6,640	<b>8.93</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	4	5,764	5,765	<b>11.03</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	5	7,019	7,019	<b>8.11</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	6	5,934	5,934	<b>10.60</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	7	6,594	6,595	<b>9.04</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	8	7,276	7,276	<b>7.57</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	9	8,069	8,069	<b>6.04</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	10	6,941	6,941	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	11	5,386	5,386	<b>12.03</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	12	5,643	5,643	<b>11.34</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	13	7,068	7,068	<b>8.00</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	14	7,290	7,291	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	15	7,923	7,923	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	16	4,361	4,362	<b>15.08</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	17	4,876	4,876	<b>13.48</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	18	5,304	5,304	<b>12.25</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	19	5,218	5,218	<b>12.49</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	20	6,042	6,042	<b>10.33</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	21	7,002	7,002	<b>8.14</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	22	8,173	8,173	<b>5.85</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	23	9,145	9,145	<b>4.19</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	24	1,545	1,547	<b>28.92</b>	108.5	0.00	74.79	-	-	0.00	0.00	-	0.00
	25	1,959	1,961	<b>25.88</b>	108.5	0.00	76.85	-	-	0.00	0.00	-	0.00
	26	2,466	2,467	<b>22.78</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
	27	3,861	3,861	<b>16.80</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	28	5,284	5,284	<b>12.31</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	29	4,756	4,757	<b>13.84</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	30	5,931	5,931	<b>10.61</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	31	6,342	6,342	<b>9.61</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	32	6,724	6,725	<b>8.74</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	33	7,148	7,148	<b>7.84</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	34	7,598	7,598	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	35	9,084	9,084	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	36	1,672	1,674	<b>27.92</b>	108.5	0.00	75.48	-	-	0.00	0.00	-	0.00
	37	1,841	1,843	<b>26.69</b>	108.5	0.00	76.31	-	-	0.00	0.00	-	0.00
	38	4,028	4,029	<b>16.21</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
	39	4,254	4,255	<b>15.44</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	40	4,815	4,816	<b>13.66</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	41	5,038	5,039	<b>13.00</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	42	5,664	5,664	<b>11.29</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	43	4,064	4,065	<b>16.08</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	44	4,644	4,644	<b>14.18</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
	45	5,306	5,306	<b>12.25</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	46	4,848	4,849	<b>13.56</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	47	5,474	5,475	<b>11.79</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	48	7,072	7,073	<b>8.00</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	49	9,455	9,456	<b>3.70</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	50	10,426	10,426	<b>2.28</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	51	11,104	11,104	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	52	9,856	9,857	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	53	10,515	10,515	<b>2.16</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	54	10,954	10,954	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	55	11,115	11,115	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	56	11,900	11,900	<b>0.39</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	57	10,669	10,669	<b>1.95</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	58	11,103	11,104	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	59	12,099	12,099	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	60	12,564	12,564	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
Sum		34.90											



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H261 H261

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,787	7,787	<b>6.57</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	2	7,936	7,937	<b>6.28</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	3	8,284	8,284	<b>5.65</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	4	7,396	7,397	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	5	8,737	8,737	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	6	7,669	7,670	<b>6.79</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	7	8,328	8,328	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	8	9,018	9,018	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	9	9,811	9,811	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	10	8,676	8,676	<b>4.97</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	11	7,108	7,108	<b>7.92</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	12	7,371	7,372	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	13	8,758	8,758	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	14	8,916	8,916	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	15	9,512	9,513	<b>3.62</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	16	6,062	6,062	<b>10.28</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
	17	6,567	6,568	<b>9.10</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	18	6,977	6,978	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	19	6,786	6,786	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	20	7,610	7,610	<b>6.91</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	21	8,539	8,539	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	22	9,638	9,639	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	23	10,566	10,566	<b>2.09</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	24	3,227	3,228	<b>19.23</b>	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
	25	3,583	3,584	<b>17.83</b>	108.5	0.00	82.09	-	-	0.00	0.00	-	0.00
	26	4,042	4,043	<b>16.16</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	27	5,226	5,226	<b>12.47</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	28	6,748	6,749	<b>8.69</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	29	6,147	6,148	<b>10.08</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	30	7,338	7,338	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	31	7,691	7,691	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	32	8,001	8,002	<b>6.16</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	33	8,440	8,440	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	34	8,974	8,975	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	35	10,411	10,411	<b>2.30</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	36	2,297	2,299	<b>23.74</b>	108.5	0.00	78.23	-	-	0.00	0.00	-	0.00
	37	2,818	2,819	<b>21.00</b>	108.5	0.00	80.00	-	-	0.00	0.00	-	0.00
	38	4,860	4,861	<b>13.53</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	39	5,316	5,317	<b>12.22</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	40	5,992	5,993	<b>10.45</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	41	6,007	6,007	<b>10.42</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	42	6,753	6,753	<b>8.68</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	43	4,442	4,443	<b>14.82</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	44	5,185	5,186	<b>12.58</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	45	5,860	5,861	<b>10.78</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	46	4,575	4,576	<b>14.40</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	47	5,281	5,282	<b>12.32</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	48	7,292	7,292	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	49	9,609	9,609	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	50	10,745	10,746	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	51	11,318	11,318	<b>1.10</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	52	9,849	9,849	<b>3.11</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	53	10,433	10,433	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	54	10,910	10,910	<b>1.63</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	55	11,256	11,256	<b>1.18</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	56	11,890	11,890	<b>0.40</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	57	10,239	10,239	<b>2.55</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	58	10,712	10,713	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	59	11,892	11,892	<b>0.40</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	60	12,410	12,411	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00

Sum 29.57

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H262 H262

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,740	6,740	<b>8.71</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	2	6,936	6,936	<b>8.28</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	3	7,349	7,349	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	4	6,455	6,455	<b>9.35</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	5	7,950	7,951	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	6	6,969	6,969	<b>8.21</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	7	7,608	7,608	<b>6.91</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	8	8,398	8,398	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	9	9,220	9,220	<b>4.07</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	10	8,154	8,154	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	11	6,352	6,353	<b>9.59</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	12	6,899	6,899	<b>8.36</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	13	8,407	8,407	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	14	8,704	8,704	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	15	9,360	9,360	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	16	5,708	5,709	<b>11.17</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	17	6,231	6,231	<b>9.88</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	18	6,680	6,680	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	19	6,680	6,680	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	20	7,499	7,499	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	21	8,470	8,470	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	22	9,662	9,662	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	23	10,642	10,642	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	24	2,987	2,988	<b>20.25</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
	25	3,431	3,432	<b>18.42</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
	26	3,950	3,951	<b>16.48</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	27	5,369	5,369	<b>12.07</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	28	6,780	6,780	<b>8.62</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	29	6,263	6,263	<b>9.80</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	30	7,434	7,434	<b>7.25</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	31	7,850	7,850	<b>6.45</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	32	8,232	8,232	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	33	8,656	8,656	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	34	9,103	9,103	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	35	10,592	10,592	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	36	2,888	2,889	<b>20.69</b>	108.5	0.00	80.21	-	-	0.00	0.00	-	0.00
	37	3,233	3,233	<b>19.21</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
	38	5,423	5,424	<b>11.93</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	39	5,722	5,723	<b>11.14</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	40	6,310	6,310	<b>9.69</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	41	6,488	6,488	<b>9.28</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	42	7,146	7,146	<b>7.84</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	43	5,263	5,263	<b>12.37</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
	44	5,930	5,931	<b>10.61</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	45	6,606	6,607	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	46	5,683	5,684	<b>11.24</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	47	6,370	6,371	<b>9.55</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	48	8,227	8,227	<b>5.75</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	49	10,587	10,587	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	50	11,648	11,648	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	51	12,274	12,274	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	52	10,897	10,898	<b>1.65</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	53	11,513	11,513	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	54	11,977	11,977	<b>0.30</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	55	12,245	12,246	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	56	12,946	12,946	<b>-0.80</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	57	11,433	11,433	<b>0.96</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	58	11,897	11,897	<b>0.39</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	59	13,021	13,021	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	60	13,522	13,523	<b>-1.41</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 28.65

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H278 H278

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,255	6,256	<b>9.82</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
2	6,469	6,469	<b>9.32</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
3	6,905	6,905	<b>8.35</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
4	6,012	6,013	<b>10.40</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
5	7,564	7,564	<b>7.00</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
6	6,624	6,624	<b>8.97</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
7	7,250	7,251	<b>7.63</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
8	8,077	8,078	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
9	8,908	8,908	<b>4.58</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
10	7,876	7,876	<b>6.40</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
11	5,988	5,988	<b>10.47</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
12	6,651	6,651	<b>8.91</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
13	8,200	8,200	<b>5.80</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
14	8,554	8,554	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
15	9,231	9,231	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
16	5,525	5,526	<b>11.65</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
17	6,049	6,049	<b>10.32</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
18	6,509	6,510	<b>9.23</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
19	6,591	6,591	<b>9.04</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
20	7,400	7,401	<b>7.32</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
21	8,381	8,382	<b>5.48</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
22	9,606	9,606	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
23	10,604	10,604	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
24	2,930	2,931	<b>20.50</b>	108.5	0.00	80.34	-	-	0.00	0.00	-	0.00
25	3,393	3,394	<b>18.57</b>	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
26	3,919	3,920	<b>16.59</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
27	5,405	5,405	<b>11.98</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
28	6,749	6,750	<b>8.69</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
29	6,274	6,275	<b>9.77</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
30	7,424	7,425	<b>7.27</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
31	7,863	7,863	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
32	8,272	8,273	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
33	8,688	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
34	9,094	9,094	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
35	10,598	10,598	<b>2.05</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
36	3,173	3,174	<b>19.46</b>	108.5	0.00	81.03	-	-	0.00	0.00	-	0.00
37	3,437	3,438	<b>18.39</b>	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
38	5,632	5,633	<b>11.37</b>	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
39	5,862	5,863	<b>10.78</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
40	6,405	6,405	<b>9.47</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
41	6,649	6,649	<b>8.91</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
42	7,264	7,264	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
43	5,578	5,578	<b>11.51</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
44	6,207	6,208	<b>9.93</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
45	6,877	6,878	<b>8.41</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
46	6,114	6,115	<b>10.16</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
47	6,789	6,790	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
48	8,568	8,569	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
49	10,941	10,942	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
50	11,965	11,965	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
51	12,614	12,615	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
52	11,284	11,285	<b>1.15</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
53	11,914	11,915	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
54	12,371	12,371	<b>-0.16</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
55	12,602	12,602	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
56	13,333	13,333	<b>-1.21</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
57	11,894	11,894	<b>0.40</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
58	12,352	12,352	<b>-0.14</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
59	13,446	13,446	<b>-1.33</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
60	13,937	13,938	<b>-1.83</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00

Sum 28.46

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H279 H279

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,129	5,129	<b>12.74</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
2	5,342	5,343	<b>12.15</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
3	5,787	5,787	<b>10.97</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
4	4,895	4,896	<b>13.42</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
5	6,488	6,488	<b>9.28</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
6	5,596	5,596	<b>11.47</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
7	6,206	6,206	<b>9.94</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
8	7,075	7,075	<b>7.99</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
9	7,913	7,913	<b>6.33</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
10	6,931	6,931	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
11	4,941	4,942	<b>13.29</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
12	5,761	5,761	<b>11.04</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
13	7,360	7,360	<b>7.40</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
14	7,805	7,805	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
15	8,512	8,512	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
16	4,759	4,759	<b>13.83</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
17	5,274	5,275	<b>12.33</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
18	5,748	5,748	<b>11.07</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
19	5,976	5,976	<b>10.50</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
20	6,754	6,755	<b>8.68</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
21	7,742	7,742	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
22	9,014	9,014	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
23	10,037	10,037	<b>2.83</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
24	2,540	2,541	<b>22.37</b>	108.5	0.00	79.10	-	-	0.00	0.00	-	0.00
25	2,998	2,999	<b>20.20</b>	108.5	0.00	80.54	-	-	0.00	0.00	-	0.00
26	3,503	3,504	<b>18.14</b>	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
27	5,060	5,061	<b>12.94</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
28	6,240	6,240	<b>9.85</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
29	5,856	5,857	<b>10.79</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
30	6,944	6,945	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
31	7,421	7,421	<b>7.28</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
32	7,879	7,879	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
33	8,271	8,271	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
34	8,596	8,596	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
35	10,115	10,115	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
36	3,468	3,469	<b>18.27</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
37	3,543	3,544	<b>17.98</b>	108.5	0.00	81.99	-	-	0.00	0.00	-	0.00
38	5,643	5,644	<b>11.34</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
39	5,719	5,719	<b>11.15</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
40	6,155	6,155	<b>10.06</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
41	6,532	6,533	<b>9.17</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
42	7,043	7,043	<b>8.06</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
43	5,830	5,831	<b>10.86</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
44	6,355	6,356	<b>9.58</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
45	6,999	6,999	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
46	6,646	6,647	<b>8.92</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
47	7,278	7,279	<b>7.57</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
48	8,835	8,835	<b>4.70</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
49	11,219	11,219	<b>1.23</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
50	12,142	12,142	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
51	12,846	12,847	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
52	11,645	11,645	<b>0.70</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
53	12,311	12,311	<b>-0.09</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
54	12,745	12,745	<b>-0.58</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
55	12,875	12,875	<b>-0.72</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
56	13,685	13,685	<b>-1.58</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
57	12,467	12,467	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
58	12,905	12,905	<b>-0.76</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
59	13,902	13,902	<b>-1.79</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
60	14,364	14,364	<b>-2.25</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 29.51

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H280 H280

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,078	5,078	<b>12.89</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
2	5,283	5,283	<b>12.31</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
3	5,718	5,719	<b>11.15</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
4	4,826	4,827	<b>13.63</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
5	6,404	6,404	<b>9.47</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
6	5,502	5,502	<b>11.72</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
7	6,115	6,115	<b>10.16</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
8	6,978	6,978	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
9	7,815	7,816	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
10	6,828	6,828	<b>8.52</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
11	4,850	4,850	<b>13.56</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
12	5,654	5,654	<b>11.31</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
13	7,250	7,251	<b>7.63</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
14	7,693	7,693	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
15	8,400	8,400	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
16	4,646	4,647	<b>14.18</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
17	5,162	5,163	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
18	5,636	5,636	<b>11.36</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
19	5,862	5,862	<b>10.78</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
20	6,641	6,641	<b>8.93</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
21	7,629	7,629	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
22	8,900	8,900	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
23	9,924	9,924	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
24	2,434	2,435	<b>22.96</b>	108.5	0.00	78.73	-	-	0.00	0.00	-	0.00
25	2,891	2,892	<b>20.67</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
26	3,394	3,395	<b>18.56</b>	108.5	0.00	81.62	-	-	0.00	0.00	-	0.00
27	4,952	4,952	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
28	6,127	6,128	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
29	5,746	5,746	<b>11.08</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
30	6,832	6,832	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
31	7,309	7,309	<b>7.51</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
32	7,768	7,768	<b>6.60</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
33	8,160	8,160	<b>5.87</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
34	8,483	8,483	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
35	10,002	10,002	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
36	3,402	3,404	<b>18.53</b>	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
37	3,462	3,463	<b>18.29</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
38	5,552	5,552	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
39	5,619	5,619	<b>11.41</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
40	6,050	6,050	<b>10.31</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
41	6,433	6,433	<b>9.40</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
42	6,939	6,939	<b>8.28</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
43	5,755	5,755	<b>11.05</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
44	6,272	6,272	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
45	6,912	6,913	<b>8.33</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
46	6,594	6,594	<b>9.04</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
47	7,221	7,222	<b>7.68</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
48	8,758	8,758	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
49	11,141	11,141	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
50	12,057	12,057	<b>0.20</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
51	12,765	12,765	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
52	11,574	11,574	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
53	12,243	12,243	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
54	12,675	12,675	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
55	12,796	12,796	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
56	13,612	13,612	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
57	12,415	12,415	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
58	12,851	12,851	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
59	13,838	13,839	<b>-1.73</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
60	14,297	14,298	<b>-2.18</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00

Sum 29.87

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H281 H281

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,485	5,485	<b>11.76</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
2	5,593	5,593	<b>11.47</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
3	5,904	5,904	<b>10.67</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
4	5,022	5,023	<b>13.05</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
5	6,342	6,342	<b>9.62</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
6	5,294	5,294	<b>12.28</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
7	5,947	5,947	<b>10.57</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
8	6,682	6,682	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
9	7,493	7,493	<b>7.14</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
10	6,402	6,402	<b>9.47</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
11	4,715	4,716	<b>13.96</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
12	5,134	5,134	<b>12.73</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
13	6,635	6,635	<b>8.94</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
14	6,948	6,948	<b>8.26</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
15	7,616	7,616	<b>6.89</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
16	3,938	3,939	<b>16.52</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
17	4,462	4,462	<b>14.76</b>	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00
18	4,914	4,914	<b>13.37</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
19	4,968	4,969	<b>13.21</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
20	5,779	5,779	<b>10.99</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
21	6,759	6,759	<b>8.67</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
22	7,985	7,985	<b>6.19</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
23	8,987	8,987	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
24	1,328	1,330	<b>30.78</b>	108.5	0.00	73.48	-	-	0.00	0.00	-	0.00
25	1,796	1,798	<b>27.01</b>	108.5	0.00	76.09	-	-	0.00	0.00	-	0.00
26	2,320	2,322	<b>23.61</b>	108.5	0.00	78.32	-	-	0.00	0.00	-	0.00
27	3,846	3,847	<b>16.85</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
28	5,138	5,138	<b>12.72</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
29	4,688	4,688	<b>14.05</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
30	5,822	5,822	<b>10.88</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
31	6,272	6,273	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
32	6,701	6,701	<b>8.80</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
33	7,108	7,108	<b>7.92</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
34	7,489	7,489	<b>7.14</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
35	8,998	8,999	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
36	2,264	2,266	<b>23.94</b>	108.5	0.00	78.11	-	-	0.00	0.00	-	0.00
37	2,261	2,262	<b>23.96</b>	108.5	0.00	78.09	-	-	0.00	0.00	-	0.00
38	4,341	4,342	<b>15.15</b>	108.5	0.00	83.75	-	-	0.00	0.00	-	0.00
39	4,434	4,435	<b>14.85</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
40	4,903	4,904	<b>13.40</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
41	5,244	5,245	<b>12.42</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
42	5,784	5,784	<b>10.98</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
43	4,563	4,564	<b>14.43</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
44	5,063	5,063	<b>12.93</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
45	5,701	5,701	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
46	5,505	5,506	<b>11.70</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
47	6,104	6,104	<b>10.18</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
48	7,559	7,559	<b>7.01</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
49	9,941	9,941	<b>2.97</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
50	10,845	10,846	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
51	11,558	11,558	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
52	10,391	10,392	<b>2.33</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
53	11,069	11,069	<b>1.42</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
54	11,494	11,494	<b>0.88</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
55	11,594	11,594	<b>0.76</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
56	12,425	12,425	<b>-0.22</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
57	11,314	11,315	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
58	11,738	11,739	<b>0.58</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
59	12,682	12,682	<b>-0.51</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
60	13,130	13,130	<b>-1.00</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00

Sum 34.93

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H282 H282

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,759	4,759	13.83	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	2	4,881	4,881	13.47	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
	3	5,218	5,218	12.49	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	4	4,330	4,331	15.18	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
	5	5,732	5,732	11.11	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	6	4,737	4,737	13.90	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
	7	5,377	5,377	12.05	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	8	6,172	6,172	10.02	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	9	6,999	6,999	8.15	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	10	5,959	5,959	10.54	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	11	4,124	4,124	15.88	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
	12	4,741	4,741	13.89	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	13	6,309	6,309	9.69	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	14	6,717	6,717	8.76	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	15	7,417	7,417	7.29	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	16	3,671	3,672	17.50	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	17	4,191	4,191	15.65	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
	18	4,661	4,661	14.13	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
	19	4,865	4,866	13.51	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	20	5,646	5,646	11.33	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	21	6,634	6,634	8.95	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	22	7,903	7,903	6.35	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	23	8,927	8,927	4.55	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	24	1,536	1,538	28.99	108.5	0.00	74.74	-	-	0.00	0.00	-	0.00
	25	1,965	1,967	25.83	108.5	0.00	76.88	-	-	0.00	0.00	-	0.00
	26	2,444	2,446	22.90	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	27	4,005	4,005	16.29	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
	28	5,136	5,136	12.72	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
	29	4,772	4,772	13.79	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	30	5,843	5,844	10.83	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	31	6,326	6,326	9.65	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	32	6,793	6,794	8.59	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	33	7,179	7,179	7.77	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	34	7,490	7,490	7.14	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	35	9,010	9,010	4.41	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	36	2,924	2,925	20.52	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
	37	2,825	2,826	20.97	108.5	0.00	80.02	-	-	0.00	0.00	-	0.00
	38	4,766	4,767	13.81	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	39	4,747	4,748	13.87	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	40	5,127	5,127	12.75	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	41	5,564	5,565	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	42	6,020	6,021	10.39	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	43	5,126	5,127	12.75	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	44	5,559	5,559	11.56	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	45	6,171	6,171	10.02	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	46	6,174	6,175	10.01	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	47	6,750	6,751	8.69	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	48	8,090	8,090	6.00	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	49	10,462	10,462	2.23	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	50	11,308	11,308	1.12	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	51	12,047	12,048	0.21	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	52	10,952	10,952	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	53	11,644	11,644	0.70	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	54	12,056	12,057	0.20	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	55	12,105	12,106	0.15	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	56	12,973	12,973	-0.83	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	57	11,963	11,964	0.31	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	58	12,378	12,378	-0.17	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	59	13,278	13,279	-1.16	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	60	13,712	13,712	-1.60	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00

Sum 33.69

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H283 H283

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,414	5,414	11.95	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	2	5,465	5,466	11.81	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	3	5,702	5,702	11.19	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	4	4,845	4,846	13.57	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	5	6,004	6,004	10.43	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	6	4,900	4,901	13.41	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	7	5,563	5,563	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	8	6,229	6,229	9.88	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	9	7,021	7,021	8.10	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	10	5,895	5,895	10.70	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	11	4,371	4,371	15.05	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
	12	4,601	4,601	14.32	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
	13	6,052	6,052	10.31	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	14	6,322	6,322	9.66	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	15	6,978	6,978	8.20	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	16	3,345	3,346	18.76	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
	17	3,865	3,865	16.79	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	18	4,305	4,306	15.27	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
	19	4,311	4,311	15.25	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	20	5,125	5,126	12.75	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	21	6,102	6,102	10.19	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	22	7,319	7,319	7.49	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	23	8,317	8,317	5.59	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	24	654	660	38.82	108.5	0.00	67.39	-	-	0.00	0.00	-	0.00
	25	1,123	1,126	32.78	108.5	0.00	72.03	-	-	0.00	0.00	-	0.00
	26	1,647	1,648	28.12	108.5	0.00	75.34	-	-	0.00	0.00	-	0.00
	27	3,179	3,180	19.43	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
	28	4,466	4,466	14.75	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
	29	4,015	4,015	16.25	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	30	5,148	5,148	12.69	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	31	5,598	5,599	11.46	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	32	6,029	6,030	10.36	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	33	6,435	6,435	9.40	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
	34	6,816	6,816	8.54	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	35	8,324	8,324	5.58	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	36	2,015	2,017	25.50	108.5	0.00	77.10	-	-	0.00	0.00	-	0.00
	37	1,844	1,846	26.66	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
	38	3,785	3,786	17.07	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
	39	3,814	3,815	16.97	108.5	0.00	82.63	-	-	0.00	0.00	-	0.00
	40	4,252	4,253	15.44	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
	41	4,629	4,630	14.23	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	42	5,138	5,139	12.72	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	43	4,136	4,137	15.83	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	44	4,565	4,566	14.43	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
	45	5,181	5,182	12.60	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	46	5,245	5,246	12.41	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	47	5,798	5,799	10.94	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
	48	7,095	7,096	7.95	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	49	9,467	9,468	3.69	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	50	10,321	10,322	2.43	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	51	11,056	11,056	1.44	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	52	9,959	9,960	2.95	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	53	10,654	10,654	1.97	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	54	11,064	11,064	1.43	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	55	11,111	11,112	1.37	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	56	11,979	11,979	0.29	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	57	11,007	11,007	1.50	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	58	11,414	11,415	0.98	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	59	12,293	12,294	-0.07	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	60	12,722	12,723	-0.56	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00

Sum 40.78



Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H284 H284

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,593	4,593	<b>14.34</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
2	4,586	4,587	<b>14.36</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
3	4,757	4,757	<b>13.84</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
4	3,929	3,930	<b>16.55</b>	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
5	4,978	4,978	<b>13.18</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
6	3,860	3,860	<b>16.80</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
7	4,524	4,524	<b>14.56</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
8	5,186	5,187	<b>12.58</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
9	5,983	5,983	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
10	4,869	4,869	<b>13.50</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
11	3,348	3,348	<b>18.75</b>	108.5	0.00	81.50	-	-	0.00	0.00	-	0.00
12	3,590	3,590	<b>17.80</b>	108.5	0.00	82.10	-	-	0.00	0.00	-	0.00
13	5,093	5,093	<b>12.85</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
14	5,444	5,444	<b>11.87</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
15	6,132	6,132	<b>10.11</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
16	2,409	2,409	<b>23.10</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
17	2,932	2,933	<b>20.49</b>	108.5	0.00	80.35	-	-	0.00	0.00	-	0.00
18	3,394	3,394	<b>18.56</b>	108.5	0.00	81.62	-	-	0.00	0.00	-	0.00
19	3,565	3,565	<b>17.90</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
20	4,346	4,346	<b>15.13</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
21	5,334	5,334	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
22	6,603	6,603	<b>9.02</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
23	7,627	7,627	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
24	881	884	<b>35.57</b>	108.5	0.00	69.93	-	-	0.00	0.00	-	0.00
25	1,036	1,038	<b>33.73</b>	108.5	0.00	71.32	-	-	0.00	0.00	-	0.00
26	1,348	1,349	<b>30.61</b>	108.5	0.00	73.60	-	-	0.00	0.00	-	0.00
27	2,845	2,846	<b>20.88</b>	108.5	0.00	80.08	-	-	0.00	0.00	-	0.00
28	3,855	3,855	<b>16.82</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
29	3,537	3,537	<b>18.01</b>	108.5	0.00	81.97	-	-	0.00	0.00	-	0.00
30	4,568	4,568	<b>14.42</b>	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
31	5,062	5,062	<b>12.94</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
32	5,547	5,547	<b>11.60</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
33	5,920	5,920	<b>10.63</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
34	6,203	6,203	<b>9.94</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
35	7,723	7,723	<b>6.69</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
36	2,803	2,804	<b>21.07</b>	108.5	0.00	79.96	-	-	0.00	0.00	-	0.00
37	2,443	2,445	<b>22.90</b>	108.5	0.00	78.76	-	-	0.00	0.00	-	0.00
38	3,928	3,929	<b>16.56</b>	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
39	3,740	3,741	<b>17.24</b>	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
40	4,002	4,003	<b>16.30</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
41	4,544	4,544	<b>14.50</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
42	4,894	4,895	<b>13.42</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
43	4,555	4,555	<b>14.46</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
44	4,825	4,825	<b>13.63</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
45	5,370	5,370	<b>12.07</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
46	5,888	5,889	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
47	6,369	6,369	<b>9.55</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
48	7,373	7,373	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
49	9,699	9,699	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
50	10,430	10,430	<b>2.28</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
51	11,213	11,214	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
52	10,272	10,272	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
53	10,992	10,993	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
54	11,373	11,373	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
55	11,312	11,312	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
56	12,252	12,252	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
57	11,523	11,524	<b>0.85</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
58	11,904	11,905	<b>0.38</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
59	12,672	12,672	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
60	13,065	13,065	<b>-0.93</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00

Sum 39.56

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H285 H285

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,959	4,959	<b>13.24</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
2	4,873	4,874	<b>13.49</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
3	4,925	4,925	<b>13.34</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
4	4,175	4,176	<b>15.70</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
5	4,908	4,908	<b>13.39</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
6	3,720	3,721	<b>17.31</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
7	4,379	4,379	<b>15.03</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
8	4,888	4,888	<b>13.45</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
9	5,635	5,635	<b>11.36</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
10	4,459	4,459	<b>14.77</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
11	3,334	3,334	<b>18.80</b>	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
12	3,138	3,138	<b>19.61</b>	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
13	4,505	4,505	<b>14.62</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
14	4,747	4,747	<b>13.87</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
15	5,406	5,406	<b>11.97</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
16	1,802	1,804	<b>26.96</b>	108.5	0.00	76.12	-	-	0.00	0.00	-	0.00
17	2,312	2,313	<b>23.66</b>	108.5	0.00	78.28	-	-	0.00	0.00	-	0.00
18	2,739	2,740	<b>21.36</b>	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00
19	2,765	2,766	<b>21.24</b>	108.5	0.00	79.84	-	-	0.00	0.00	-	0.00
20	3,569	3,569	<b>17.88</b>	108.5	0.00	82.05	-	-	0.00	0.00	-	0.00
21	4,552	4,552	<b>14.47</b>	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
22	5,797	5,797	<b>10.95</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
23	6,812	6,812	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
24	1,032	1,036	<b>33.75</b>	108.5	0.00	71.31	-	-	0.00	0.00	-	0.00
25	759	763	<b>37.21</b>	108.5	0.00	68.65	-	-	0.00	0.00	-	0.00
26	681	687	<b>38.38</b>	108.5	0.00	67.73	-	-	0.00	0.00	-	0.00
27	2,017	2,019	<b>25.49</b>	108.5	0.00	77.10	-	-	0.00	0.00	-	0.00
28	3,009	3,010	<b>20.16</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
29	2,680	2,681	<b>21.63</b>	108.5	0.00	79.57	-	-	0.00	0.00	-	0.00
30	3,719	3,719	<b>17.32</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
31	4,208	4,208	<b>15.59</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
32	4,690	4,690	<b>14.04</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
33	5,065	5,065	<b>12.93</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
34	5,363	5,363	<b>12.09</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
35	6,882	6,883	<b>8.40</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
36	2,755	2,757	<b>21.28</b>	108.5	0.00	79.81	-	-	0.00	0.00	-	0.00
37	2,256	2,257	<b>23.99</b>	108.5	0.00	78.07	-	-	0.00	0.00	-	0.00
38	3,284	3,286	<b>19.00</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
39	2,988	2,989	<b>20.25</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
40	3,181	3,182	<b>19.43</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
41	3,771	3,772	<b>17.12</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
42	4,067	4,068	<b>16.07</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
43	4,073	4,075	<b>16.05</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
44	4,226	4,227	<b>15.53</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
45	4,718	4,719	<b>13.96</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
46	5,560	5,561	<b>11.56</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
47	5,967	5,968	<b>10.52</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
48	6,748	6,748	<b>8.69</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
49	9,032	9,032	<b>4.38</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
50	9,699	9,699	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
51	10,503	10,503	<b>2.18</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
52	9,648	9,648	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
53	10,382	10,382	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
54	10,742	10,743	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
55	10,622	10,622	<b>2.01</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
56	11,598	11,598	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
57	11,034	11,034	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
58	11,393	11,393	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
59	12,080	12,080	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
60	12,449	12,450	<b>-0.25</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00

Sum 42.51

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H286 H286

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,201	6,202	<b>9.95</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	2	6,113	6,114	<b>10.16</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	3	6,144	6,144	<b>10.08</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	4	5,412	5,413	<b>11.96</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	5	6,029	6,029	<b>10.37</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	6	4,822	4,822	<b>13.64</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
	7	5,463	5,463	<b>11.82</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	8	5,838	5,838	<b>10.84</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	9	6,520	6,520	<b>9.20</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	10	5,305	5,305	<b>12.25</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	11	4,508	4,509	<b>14.61</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	12	3,993	3,994	<b>16.33</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	13	5,097	5,097	<b>12.83</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	14	5,106	5,107	<b>12.81</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
	15	5,662	5,662	<b>11.29</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	16	2,587	2,588	<b>22.11</b>	108.5	0.00	79.26	-	-	0.00	0.00	-	0.00
	17	3,003	3,004	<b>20.18</b>	108.5	0.00	80.55	-	-	0.00	0.00	-	0.00
	18	3,320	3,321	<b>18.86</b>	108.5	0.00	81.42	-	-	0.00	0.00	-	0.00
	19	2,939	2,940	<b>20.46</b>	108.5	0.00	80.37	-	-	0.00	0.00	-	0.00
	20	3,755	3,756	<b>17.18</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
	21	4,666	4,666	<b>14.12</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
	22	5,768	5,768	<b>11.02</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	23	6,715	6,716	<b>8.76</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	24	1,223	1,227	<b>31.76</b>	108.5	0.00	72.77	-	-	0.00	0.00	-	0.00
	25	814	819	<b>36.43</b>	108.5	0.00	69.27	-	-	0.00	0.00	-	0.00
	26	564	571	<b>40.36</b>	108.5	0.00	66.13	-	-	0.00	0.00	-	0.00
	27	1,402	1,405	<b>30.11</b>	108.5	0.00	73.95	-	-	0.00	0.00	-	0.00
	28	2,874	2,875	<b>20.75</b>	108.5	0.00	80.17	-	-	0.00	0.00	-	0.00
	29	2,305	2,306	<b>23.70</b>	108.5	0.00	78.26	-	-	0.00	0.00	-	0.00
	30	3,489	3,489	<b>18.19</b>	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	31	3,886	3,886	<b>16.71</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
	32	4,267	4,268	<b>15.39</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	33	4,689	4,690	<b>14.04</b>	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00
	34	5,149	5,150	<b>12.69</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
	35	6,628	6,628	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	36	1,870	1,872	<b>26.48</b>	108.5	0.00	76.45	-	-	0.00	0.00	-	0.00
	37	1,273	1,277	<b>31.28</b>	108.5	0.00	73.12	-	-	0.00	0.00	-	0.00
	38	2,110	2,112	<b>24.89</b>	108.5	0.00	77.49	-	-	0.00	0.00	-	0.00
	39	1,990	1,992	<b>25.67</b>	108.5	0.00	76.99	-	-	0.00	0.00	-	0.00
	40	2,414	2,416	<b>23.07</b>	108.5	0.00	78.66	-	-	0.00	0.00	-	0.00
	41	2,807	2,808	<b>21.05</b>	108.5	0.00	79.97	-	-	0.00	0.00	-	0.00
	42	3,297	3,298	<b>18.95</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
	43	2,830	2,832	<b>20.94</b>	108.5	0.00	80.04	-	-	0.00	0.00	-	0.00
	44	3,018	3,019	<b>20.11</b>	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
	45	3,551	3,552	<b>17.95</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
	46	4,343	4,344	<b>15.14</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	47	4,729	4,730	<b>13.92</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
	48	5,560	5,561	<b>11.56</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	49	7,880	7,881	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	50	8,625	8,625	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	51	9,400	9,400	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	52	8,461	8,461	<b>5.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	53	9,186	9,187	<b>4.13</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	54	9,560	9,561	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	55	9,494	9,494	<b>3.64</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	56	10,435	10,435	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	57	9,794	9,795	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	58	10,158	10,158	<b>2.66</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	59	10,874	10,875	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	60	11,257	11,258	<b>1.18</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00

Sum 43.51

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H287 H287

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,076	7,077	<b>7.99</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	2	6,854	6,855	<b>8.46</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	3	6,667	6,667	<b>8.87</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	4	6,144	6,145	<b>10.08</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	5	6,107	6,108	<b>10.17</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	6	4,954	4,954	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	7	5,470	5,470	<b>11.80</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	8	5,449	5,450	<b>11.86</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	9	5,919	5,920	<b>10.64</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	10	4,736	4,737	<b>13.90</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
	11	4,933	4,934	<b>13.31</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	12	3,658	3,659	<b>17.55</b>	108.5	0.00	82.27	-	-	0.00	0.00	-	0.00
	13	4,065	4,066	<b>16.08</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	14	3,696	3,697	<b>17.40</b>	108.5	0.00	82.36	-	-	0.00	0.00	-	0.00
	15	4,058	4,058	<b>16.10</b>	108.5	0.00	83.17	-	-	0.00	0.00	-	0.00
	16	2,587	2,589	<b>22.11</b>	108.5	0.00	79.26	-	-	0.00	0.00	-	0.00
	17	2,648	2,649	<b>21.79</b>	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
	18	2,647	2,648	<b>21.79</b>	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
	19	1,722	1,724	<b>27.55</b>	108.5	0.00	75.73	-	-	0.00	0.00	-	0.00
	20	2,296	2,297	<b>23.76</b>	108.5	0.00	78.22	-	-	0.00	0.00	-	0.00
	21	2,966	2,967	<b>20.34</b>	108.5	0.00	80.45	-	-	0.00	0.00	-	0.00
	22	3,845	3,845	<b>16.86</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
	23	4,714	4,714	<b>13.97</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	24	3,263	3,265	<b>19.09</b>	108.5	0.00	81.28	-	-	0.00	0.00	-	0.00
	25	2,799	2,800	<b>21.08</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
	26	2,295	2,297	<b>23.76</b>	108.5	0.00	78.22	-	-	0.00	0.00	-	0.00
	27	736	742	<b>37.52</b>	108.5	0.00	68.41	-	-	0.00	0.00	-	0.00
	28	1,175	1,178	<b>32.24</b>	108.5	0.00	72.42	-	-	0.00	0.00	-	0.00
	29	489	497	<b>41.83</b>	108.5	0.00	64.92	-	-	0.00	0.00	-	0.00
	30	1,529	1,531	<b>29.05</b>	108.5	0.00	74.70	-	-	0.00	0.00	-	0.00
	31	1,821	1,823	<b>26.82</b>	108.5	0.00	76.22	-	-	0.00	0.00	-	0.00
	32	2,155	2,157	<b>24.61</b>	108.5	0.00	77.68	-	-	0.00	0.00	-	0.00
	33	2,585	2,586	<b>22.12</b>	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
	34	3,108	3,109	<b>19.73</b>	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
	35	4,544	4,545	<b>14.50</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	36	3,639	3,641	<b>17.61</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	37	3,065	3,067	<b>19.91</b>	108.5	0.00	80.73	-	-	0.00	0.00	-	0.00
	38	1,821	1,824	<b>26.82</b>	108.5	0.00	76.22	-	-	0.00	0.00	-	0.00
	39	1,027	1,032	<b>33.79</b>	108.5	0.00	71.28	-	-	0.00	0.00	-	0.00
	40	566	573	<b>40.32</b>	108.5	0.00	66.17	-	-	0.00	0.00	-	0.00
	41	1,383	1,387	<b>30.27</b>	108.5	0.00	73.84	-	-	0.00	0.00	-	0.00
	42	1,373	1,376	<b>30.37</b>	108.5	0.00	73.77	-	-	0.00	0.00	-	0.00
	43	3,043	3,045	<b>20.00</b>	108.5	0.00	80.67	-	-	0.00	0.00	-	0.00
	44	2,645	2,647	<b>21.79</b>	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
	45	2,785	2,787	<b>21.14</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
	46	4,775	4,776	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	47	4,859	4,861	<b>13.53</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	48	4,717	4,718	<b>13.96</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	49	6,761	6,761	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	50	7,216	7,216	<b>7.70</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
	51	8,070	8,071	<b>6.04</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	52	7,506	7,506	<b>7.11</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	53	8,265	8,266	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	54	8,555	8,556	<b>5.17</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	55	8,250	8,251	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	56	9,323	9,324	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	57	9,298	9,298	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	58	9,575	9,576	<b>3.52</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	59	9,991	9,992	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	60	10,280	10,281	<b>2.49</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00

Sum 46.35

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H288 H288

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,710	5,710	<b>11.17</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
2	5,486	5,487	<b>11.76</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
3	5,310	5,310	<b>12.24</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
4	4,775	4,777	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
5	4,823	4,823	<b>13.64</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
6	3,641	3,642	<b>17.61</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
7	4,196	4,196	<b>15.63</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
8	4,314	4,315	<b>15.24</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
9	4,893	4,893	<b>13.43</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
10	3,673	3,673	<b>17.49</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
11	3,575	3,576	<b>17.86</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
12	2,455	2,456	<b>22.84</b>	108.5	0.00	78.80	-	-	0.00	0.00	-	0.00
13	3,283	3,283	<b>19.01</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
14	3,246	3,247	<b>19.16</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
15	3,819	3,820	<b>16.95</b>	108.5	0.00	82.64	-	-	0.00	0.00	-	0.00
16	1,234	1,237	<b>31.66</b>	108.5	0.00	72.85	-	-	0.00	0.00	-	0.00
17	1,400	1,403	<b>30.13</b>	108.5	0.00	73.94	-	-	0.00	0.00	-	0.00
18	1,568	1,570	<b>28.74</b>	108.5	0.00	74.92	-	-	0.00	0.00	-	0.00
19	1,093	1,096	<b>33.09</b>	108.5	0.00	71.80	-	-	0.00	0.00	-	0.00
20	1,918	1,919	<b>26.16</b>	108.5	0.00	76.66	-	-	0.00	0.00	-	0.00
21	2,869	2,870	<b>20.77</b>	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
22	4,066	4,067	<b>16.07</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
23	5,069	5,070	<b>12.91</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
24	2,621	2,623	<b>21.92</b>	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
25	2,176	2,179	<b>24.47</b>	108.5	0.00	77.76	-	-	0.00	0.00	-	0.00
26	1,669	1,672	<b>27.94</b>	108.5	0.00	75.46	-	-	0.00	0.00	-	0.00
27	1,045	1,050	<b>33.59</b>	108.5	0.00	71.43	-	-	0.00	0.00	-	0.00
28	1,259	1,262	<b>31.42</b>	108.5	0.00	73.02	-	-	0.00	0.00	-	0.00
29	1,092	1,095	<b>33.10</b>	108.5	0.00	71.79	-	-	0.00	0.00	-	0.00
30	1,975	1,977	<b>25.77</b>	108.5	0.00	76.92	-	-	0.00	0.00	-	0.00
31	2,481	2,483	<b>22.69</b>	108.5	0.00	78.90	-	-	0.00	0.00	-	0.00
32	2,993	2,994	<b>20.22</b>	108.5	0.00	80.53	-	-	0.00	0.00	-	0.00
33	3,343	3,344	<b>18.77</b>	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
34	3,609	3,609	<b>17.73</b>	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
35	5,128	5,129	<b>12.75</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
36	3,719	3,721	<b>17.31</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
37	3,115	3,117	<b>19.70</b>	108.5	0.00	80.87	-	-	0.00	0.00	-	0.00
38	2,828	2,830	<b>20.95</b>	108.5	0.00	80.04	-	-	0.00	0.00	-	0.00
39	2,166	2,168	<b>24.54</b>	108.5	0.00	77.72	-	-	0.00	0.00	-	0.00
40	1,933	1,935	<b>26.05</b>	108.5	0.00	76.73	-	-	0.00	0.00	-	0.00
41	2,727	2,729	<b>21.41</b>	108.5	0.00	79.72	-	-	0.00	0.00	-	0.00
42	2,696	2,698	<b>21.55</b>	108.5	0.00	79.62	-	-	0.00	0.00	-	0.00
43	3,968	3,970	<b>16.41</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
44	3,773	3,775	<b>17.11</b>	108.5	0.00	82.54	-	-	0.00	0.00	-	0.00
45	4,043	4,045	<b>16.15</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
46	5,679	5,680	<b>11.25</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
47	5,891	5,892	<b>10.70</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
48	6,034	6,035	<b>10.35</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
49	8,124	8,125	<b>5.94</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
50	8,578	8,579	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
51	9,437	9,437	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
52	8,856	8,857	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
53	9,613	9,614	<b>3.46</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
54	9,913	9,913	<b>3.01</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
55	9,619	9,620	<b>3.45</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
56	10,689	10,690	<b>1.92</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
57	10,574	10,574	<b>2.08</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
58	10,871	10,872	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
59	11,339	11,339	<b>1.08</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
60	11,638	11,639	<b>0.70</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00

Sum 41.95

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H289 H289

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,808	7,808	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	2	7,528	7,529	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	3	7,240	7,241	<b>7.65</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	4	6,840	6,841	<b>8.49</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	5	6,472	6,472	<b>9.31</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	6	5,419	5,419	<b>11.94</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	7	5,832	5,832	<b>10.86</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	8	5,581	5,581	<b>11.51</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	9	5,887	5,887	<b>10.72</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	10	4,809	4,809	<b>13.68</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	11	5,548	5,549	<b>11.59</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
	12	3,995	3,996	<b>16.32</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	13	3,877	3,878	<b>16.74</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	14	3,231	3,232	<b>19.22</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
	15	3,372	3,373	<b>18.65</b>	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
	16	3,291	3,292	<b>18.97</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
	17	3,155	3,156	<b>19.53</b>	108.5	0.00	80.98	-	-	0.00	0.00	-	0.00
	18	2,960	2,962	<b>20.36</b>	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
	19	1,941	1,943	<b>25.99</b>	108.5	0.00	76.77	-	-	0.00	0.00	-	0.00
	20	2,050	2,051	<b>25.28</b>	108.5	0.00	77.24	-	-	0.00	0.00	-	0.00
	21	2,297	2,298	<b>23.75</b>	108.5	0.00	78.23	-	-	0.00	0.00	-	0.00
	22	2,830	2,831	<b>20.94</b>	108.5	0.00	80.04	-	-	0.00	0.00	-	0.00
	23	3,587	3,588	<b>17.81</b>	108.5	0.00	82.10	-	-	0.00	0.00	-	0.00
	24	4,499	4,501	<b>14.64</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	25	4,032	4,033	<b>16.19</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
	26	3,518	3,520	<b>18.07</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
	27	1,976	1,979	<b>25.76</b>	108.5	0.00	76.93	-	-	0.00	0.00	-	0.00
	28	1,223	1,226	<b>31.76</b>	108.5	0.00	72.77	-	-	0.00	0.00	-	0.00
	29	1,199	1,203	<b>32.00</b>	108.5	0.00	72.60	-	-	0.00	0.00	-	0.00
	30	843	848	<b>36.05</b>	108.5	0.00	69.56	-	-	0.00	0.00	-	0.00
	31	742	748	<b>37.44</b>	108.5	0.00	68.48	-	-	0.00	0.00	-	0.00
	32	916	920	<b>35.12</b>	108.5	0.00	70.28	-	-	0.00	0.00	-	0.00
	33	1,355	1,358	<b>30.53</b>	108.5	0.00	73.66	-	-	0.00	0.00	-	0.00
	34	1,971	1,973	<b>25.80</b>	108.5	0.00	76.90	-	-	0.00	0.00	-	0.00
	35	3,329	3,330	<b>18.82</b>	108.5	0.00	81.45	-	-	0.00	0.00	-	0.00
	36	4,822	4,824	<b>13.64</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	37	4,269	4,270	<b>15.39</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	38	2,628	2,630	<b>21.89</b>	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
	39	1,891	1,894	<b>26.33</b>	108.5	0.00	76.55	-	-	0.00	0.00	-	0.00
	40	1,136	1,140	<b>32.63</b>	108.5	0.00	72.14	-	-	0.00	0.00	-	0.00
	41	1,624	1,628	<b>28.28</b>	108.5	0.00	75.23	-	-	0.00	0.00	-	0.00
	42	903	908	<b>35.26</b>	108.5	0.00	70.17	-	-	0.00	0.00	-	0.00
	43	3,780	3,782	<b>17.09</b>	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
	44	3,168	3,171	<b>19.47</b>	108.5	0.00	81.02	-	-	0.00	0.00	-	0.00
	45	3,030	3,032	<b>20.06</b>	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00
	46	5,428	5,430	<b>11.91</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	47	5,358	5,359	<b>12.10</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
	48	4,634	4,636	<b>14.21</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	49	6,358	6,359	<b>9.58</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	50	6,578	6,579	<b>9.07</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
	51	7,472	7,473	<b>7.18</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	52	7,194	7,195	<b>7.74</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	53	7,954	7,955	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	54	8,178	8,179	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	55	7,712	7,713	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	56	8,855	8,856	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	57	9,238	9,238	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	58	9,455	9,456	<b>3.70</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	59	9,666	9,667	<b>3.38</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	60	9,887	9,888	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00

Sum 44.26

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H292 H292

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,128	9,128	<b>4.22</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	2	8,793	8,793	<b>4.77</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	3	8,401	8,401	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	4	8,146	8,147	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	5	7,422	7,423	<b>7.28</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	6	6,536	6,536	<b>9.17</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	7	6,811	6,812	<b>8.55</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	8	6,301	6,301	<b>9.71</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	9	6,374	6,374	<b>9.54</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	10	5,520	5,520	<b>11.67</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	11	6,815	6,816	<b>8.54</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	12	5,086	5,087	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	13	4,366	4,367	<b>15.07</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	14	3,441	3,442	<b>18.38</b>	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
	15	3,168	3,169	<b>19.48</b>	108.5	0.00	81.02	-	-	0.00	0.00	-	0.00
	16	4,775	4,776	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	17	4,497	4,497	<b>14.65</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	18	4,162	4,162	<b>15.75</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	19	3,284	3,285	<b>19.00</b>	108.5	0.00	81.33	-	-	0.00	0.00	-	0.00
	20	2,924	2,925	<b>20.52</b>	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
	21	2,466	2,467	<b>22.78</b>	108.5	0.00	78.84	-	-	0.00	0.00	-	0.00
	22	2,014	2,015	<b>25.51</b>	108.5	0.00	77.09	-	-	0.00	0.00	-	0.00
	23	2,266	2,267	<b>23.94</b>	108.5	0.00	78.11	-	-	0.00	0.00	-	0.00
	24	6,313	6,314	<b>9.68</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	25	5,845	5,846	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
	26	5,328	5,329	<b>12.19</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	27	3,793	3,795	<b>17.04</b>	108.5	0.00	82.58	-	-	0.00	0.00	-	0.00
	28	2,721	2,722	<b>21.44</b>	108.5	0.00	79.70	-	-	0.00	0.00	-	0.00
	29	2,971	2,973	<b>20.32</b>	108.5	0.00	80.46	-	-	0.00	0.00	-	0.00
	30	2,015	2,017	<b>25.50</b>	108.5	0.00	77.09	-	-	0.00	0.00	-	0.00
	31	1,482	1,485	<b>29.43</b>	108.5	0.00	74.44	-	-	0.00	0.00	-	0.00
	32	955	958	<b>34.65</b>	108.5	0.00	70.63	-	-	0.00	0.00	-	0.00
	33	654	659	<b>38.82</b>	108.5	0.00	67.38	-	-	0.00	0.00	-	0.00
	34	1,109	1,111	<b>32.93</b>	108.5	0.00	71.92	-	-	0.00	0.00	-	0.00
	35	1,704	1,705	<b>27.69</b>	108.5	0.00	75.64	-	-	0.00	0.00	-	0.00
	36	6,569	6,570	<b>9.09</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	37	6,039	6,040	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	38	4,175	4,176	<b>15.70</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	39	3,559	3,560	<b>17.92</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
	40	2,862	2,864	<b>20.80</b>	108.5	0.00	80.14	-	-	0.00	0.00	-	0.00
	41	3,008	3,010	<b>20.15</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
	42	2,167	2,169	<b>24.53</b>	108.5	0.00	77.72	-	-	0.00	0.00	-	0.00
	43	5,171	5,172	<b>12.62</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	44	4,429	4,431	<b>14.86</b>	108.5	0.00	83.93	-	-	0.00	0.00	-	0.00
	45	4,047	4,049	<b>16.14</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
	46	6,636	6,637	<b>8.94</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	47	6,397	6,398	<b>9.48</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	48	5,019	5,020	<b>13.06</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	49	6,110	6,111	<b>10.17</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	50	5,926	5,927	<b>10.62</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	51	6,841	6,841	<b>8.49</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	52	7,038	7,039	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	53	7,762	7,762	<b>6.61</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	54	7,875	7,876	<b>6.40</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	55	7,169	7,170	<b>7.79</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	56	8,383	8,384	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	57	9,370	9,371	<b>3.84</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	58	9,494	9,494	<b>3.64</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	59	9,392	9,393	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	60	9,501	9,502	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00

Sum 42.26

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H293 H293

WTG	95% rated power												
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	9,043	9,043	<b>4.36</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	2	8,659	8,660	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	3	8,180	8,181	<b>5.84</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	4	8,072	8,073	<b>6.03</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	5	7,051	7,052	<b>8.04</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	6	6,344	6,345	<b>9.61</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	7	6,489	6,490	<b>9.27</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	8	5,798	5,799	<b>10.94</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
	9	5,697	5,697	<b>11.20</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	10	5,057	5,058	<b>12.95</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	11	6,749	6,750	<b>8.69</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	12	4,964	4,964	<b>13.22</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	13	3,842	3,843	<b>16.87</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
	14	2,848	2,849	<b>20.86</b>	108.5	0.00	80.09	-	-	0.00	0.00	-	0.00
	15	2,318	2,320	<b>23.62</b>	108.5	0.00	78.31	-	-	0.00	0.00	-	0.00
	16	5,041	5,042	<b>12.99</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	17	4,648	4,649	<b>14.17</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	18	4,224	4,225	<b>15.54</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
	19	3,591	3,592	<b>17.79</b>	108.5	0.00	82.11	-	-	0.00	0.00	-	0.00
	20	2,952	2,953	<b>20.40</b>	108.5	0.00	80.41	-	-	0.00	0.00	-	0.00
	21	2,111	2,113	<b>24.88</b>	108.5	0.00	77.50	-	-	0.00	0.00	-	0.00
	22	990	994	<b>34.23</b>	108.5	0.00	70.95	-	-	0.00	0.00	-	0.00
	23	886	890	<b>35.50</b>	108.5	0.00	69.98	-	-	0.00	0.00	-	0.00
	24	7,069	7,070	<b>8.00</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	25	6,604	6,605	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	26	6,078	6,079	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	27	4,649	4,650	<b>14.17</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	28	3,259	3,261	<b>19.10</b>	108.5	0.00	81.27	-	-	0.00	0.00	-	0.00
	29	3,740	3,742	<b>17.23</b>	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
	30	2,572	2,574	<b>22.19</b>	108.5	0.00	79.21	-	-	0.00	0.00	-	0.00
	31	2,165	2,167	<b>24.54</b>	108.5	0.00	77.72	-	-	0.00	0.00	-	0.00
	32	1,907	1,910	<b>26.22</b>	108.5	0.00	76.62	-	-	0.00	0.00	-	0.00
	33	1,468	1,471	<b>29.54</b>	108.5	0.00	74.36	-	-	0.00	0.00	-	0.00
	34	903	908	<b>35.26</b>	108.5	0.00	70.17	-	-	0.00	0.00	-	0.00
	35	632	638	<b>39.18</b>	108.5	0.00	67.09	-	-	0.00	0.00	-	0.00
	36	7,611	7,612	<b>6.90</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	37	7,045	7,046	<b>8.05</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	38	5,373	5,374	<b>12.06</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	39	4,679	4,680	<b>14.07</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	40	3,932	3,933	<b>16.54</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
	41	4,250	4,251	<b>15.45</b>	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
	42	3,397	3,399	<b>18.55</b>	108.5	0.00	81.63	-	-	0.00	0.00	-	0.00
	43	6,445	6,446	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	44	5,735	5,736	<b>11.10</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	45	5,396	5,398	<b>12.00</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
	46	7,970	7,971	<b>6.22</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	47	7,759	7,760	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	48	6,386	6,387	<b>9.51</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	49	7,328	7,329	<b>7.47</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	50	6,978	6,979	<b>8.19</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	51	7,880	7,881	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	52	8,272	8,273	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	53	8,974	8,975	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	54	9,045	9,046	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	55	8,246	8,247	<b>5.72</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	56	9,474	9,475	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	57	10,665	10,666	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	58	10,762	10,763	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	59	10,556	10,557	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	60	10,617	10,618	<b>2.02</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00

Sum 43.25



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H294 H294

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,873	10,874	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
2	10,474	10,475	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
3	9,960	9,961	<b>2.95</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
4	9,912	9,913	<b>3.02</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
5	8,765	8,766	<b>4.82</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
6	8,157	8,158	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
7	8,240	8,240	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
8	7,454	7,455	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
9	7,219	7,219	<b>7.69</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
10	6,760	6,761	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
11	8,602	8,602	<b>5.09</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
12	6,819	6,819	<b>8.54</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
13	5,552	5,553	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
14	4,574	4,575	<b>14.40</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
15	3,914	3,915	<b>16.61</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
16	6,953	6,954	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
17	6,556	6,557	<b>9.12</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
18	6,125	6,126	<b>10.13</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
19	5,498	5,500	<b>11.72</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
20	4,860	4,861	<b>13.53</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
21	3,981	3,983	<b>16.37</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
22	2,708	2,710	<b>21.50</b>	108.5	0.00	79.66	-	-	0.00	0.00	-	0.00
23	1,782	1,784	<b>27.10</b>	108.5	0.00	76.03	-	-	0.00	0.00	-	0.00
24	8,900	8,901	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
25	8,432	8,433	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
26	7,907	7,908	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
27	6,421	6,422	<b>9.43</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
28	5,127	5,129	<b>12.75</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
29	5,542	5,543	<b>11.60</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
30	4,419	4,421	<b>14.89</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
31	3,955	3,957	<b>16.46</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
32	3,561	3,563	<b>17.91</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
33	3,133	3,135	<b>19.62</b>	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
34	2,786	2,788	<b>21.14</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
35	1,279	1,283	<b>31.22</b>	108.5	0.00	73.16	-	-	0.00	0.00	-	0.00
36	9,268	9,269	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
37	8,732	8,733	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
38	6,862	6,863	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
39	6,260	6,262	<b>9.80</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
40	5,558	5,559	<b>11.56</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
41	5,685	5,687	<b>11.23</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
42	4,858	4,859	<b>13.53</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
43	7,799	7,801	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
44	7,026	7,028	<b>8.09</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
45	6,558	6,560	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
46	9,147	9,148	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
47	8,814	8,815	<b>4.73</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
48	7,045	7,046	<b>8.05</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
49	7,373	7,374	<b>7.37</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
50	6,665	6,666	<b>8.87</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
51	7,498	7,499	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
52	8,321	8,322	<b>5.58</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
53	8,940	8,941	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
54	8,901	8,903	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
55	7,924	7,925	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
56	9,137	9,138	<b>4.21</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
57	10,844	10,845	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
58	10,850	10,851	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
59	10,356	10,357	<b>2.38</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
60	10,304	10,305	<b>2.45</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00

Sum 34.43

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H295 H295

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,982	10,983	1.53	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
2	10,538	10,539	2.13	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
3	9,935	9,936	2.98	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
4	10,084	10,086	2.76	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
5	8,618	8,619	5.07	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
6	8,302	8,303	5.62	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
7	8,205	8,206	5.79	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
8	7,252	7,253	7.62	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
9	6,783	6,784	8.61	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
10	6,706	6,708	8.78	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
11	8,868	8,869	4.64	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
12	7,182	7,183	7.77	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
13	5,628	5,630	11.38	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
14	4,817	4,819	13.65	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
15	4,061	4,063	16.09	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
16	7,723	7,724	6.69	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
17	7,243	7,245	7.64	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
18	6,770	6,771	8.64	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
19	6,444	6,446	9.37	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
20	5,661	5,662	11.29	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
21	4,674	4,675	14.09	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
22	3,416	3,418	18.47	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
23	2,448	2,451	22.87	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
24	10,100	10,102	2.74	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
25	9,646	9,648	3.41	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
26	9,126	9,127	4.22	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
27	7,789	7,790	6.56	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
28	6,299	6,300	9.71	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
29	6,868	6,869	8.43	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
30	5,677	5,679	11.25	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
31	5,340	5,342	12.15	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
32	5,122	5,124	12.76	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
33	4,682	4,684	14.06	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
34	4,053	4,055	16.12	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
35	2,772	2,775	21.20	108.5	0.00	79.86	-	-	0.00	0.00	-	0.00
36	10,798	10,799	1.78	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
37	10,222	10,223	2.57	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
38	8,586	8,587	5.12	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
39	7,893	7,894	6.36	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
40	7,143	7,144	7.85	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
41	7,451	7,452	7.22	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
42	6,598	6,600	9.02	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
43	9,637	9,638	3.42	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
44	8,905	8,906	4.58	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
45	8,512	8,513	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
46	11,106	11,108	1.37	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
47	10,836	10,837	1.73	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
48	9,195	9,196	4.11	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
49	9,581	9,582	3.51	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
50	8,829	8,830	4.71	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
51	9,636	9,637	3.43	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
52	10,527	10,528	2.14	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
53	11,137	11,139	1.33	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
54	11,083	11,084	1.40	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
55	10,073	10,075	2.78	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
56	11,273	11,274	1.16	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
57	13,054	13,055	-0.92	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
58	13,055	13,056	-0.92	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
59	12,520	12,521	-0.33	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
60	12,440	12,441	-0.24	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00

Sum 28.98

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H296 H296

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,490	11,491	<b>0.89</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	2	11,067	11,068	<b>1.42</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	3	10,506	10,507	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	4	10,554	10,555	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	5	9,241	9,242	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	6	8,773	8,774	<b>4.80</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	7	8,768	8,769	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	8	7,889	7,890	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	9	7,528	7,529	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	10	7,262	7,263	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	11	9,279	9,280	<b>3.98</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	12	7,524	7,525	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	13	6,099	6,100	<b>10.19</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	14	5,180	5,181	<b>12.60</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	15	4,450	4,451	<b>14.79</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	16	7,842	7,843	<b>6.46</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	17	7,405	7,406	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	18	6,950	6,951	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	19	6,445	6,446	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	20	5,734	5,735	<b>11.10</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	21	4,785	4,786	<b>13.75</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	22	3,462	3,464	<b>18.29</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
	23	2,421	2,423	<b>23.03</b>	108.5	0.00	78.69	-	-	0.00	0.00	-	0.00
	24	9,972	9,973	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	25	9,507	9,508	<b>3.62</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	26	8,980	8,982	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	27	7,537	7,538	<b>7.05</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	28	6,160	6,161	<b>10.04</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	29	6,636	6,638	<b>8.94</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	30	5,475	5,476	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	31	5,051	5,053	<b>12.96</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	32	4,713	4,714	<b>13.97</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	33	4,273	4,275	<b>15.37</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	34	3,806	3,808	<b>16.99</b>	108.5	0.00	82.61	-	-	0.00	0.00	-	0.00
	35	2,309	2,312	<b>23.67</b>	108.5	0.00	78.28	-	-	0.00	0.00	-	0.00
	36	10,446	10,447	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	37	9,897	9,898	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	38	8,081	8,082	<b>6.01</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	39	7,455	7,457	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	40	6,736	6,738	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	41	6,910	6,911	<b>8.34</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	42	6,073	6,075	<b>10.25</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	43	9,041	9,043	<b>4.36</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	44	8,273	8,274	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	45	7,811	7,813	<b>6.52</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	46	10,400	10,402	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	47	10,066	10,067	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	48	8,266	8,267	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	49	8,451	8,452	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	50	7,626	7,628	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	51	8,412	8,413	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	52	9,388	9,389	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	53	9,973	9,974	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	54	9,894	9,895	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	55	8,857	8,858	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	56	10,045	10,046	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	57	11,931	11,932	<b>0.35</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	58	11,908	11,909	<b>0.38</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	59	11,310	11,311	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	60	11,210	11,211	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00

Sum 29.62

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H297 H297

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,693	8,694	<b>4.94</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
2	8,266	8,267	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
3	7,701	7,701	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
4	7,766	7,767	<b>6.60</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
5	6,439	6,440	<b>9.39</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
6	5,981	5,982	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
7	5,963	5,963	<b>10.53</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
8	5,093	5,094	<b>12.84</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
9	4,782	4,783	<b>13.76</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
10	4,457	4,458	<b>14.77</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
11	6,510	6,511	<b>9.22</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
12	4,785	4,786	<b>13.75</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
13	3,300	3,302	<b>18.94</b>	108.5	0.00	81.37	-	-	0.00	0.00	-	0.00
14	2,417	2,420	<b>23.04</b>	108.5	0.00	78.68	-	-	0.00	0.00	-	0.00
15	1,667	1,670	<b>27.95</b>	108.5	0.00	75.45	-	-	0.00	0.00	-	0.00
16	5,298	5,299	<b>12.27</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
17	4,816	4,817	<b>13.66</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
18	4,341	4,343	<b>15.15</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
19	4,061	4,063	<b>16.09</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
20	3,258	3,260	<b>19.10</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
21	2,272	2,275	<b>23.89</b>	108.5	0.00	78.14	-	-	0.00	0.00	-	0.00
22	1,152	1,156	<b>32.46</b>	108.5	0.00	72.26	-	-	0.00	0.00	-	0.00
23	827	832	<b>36.25</b>	108.5	0.00	69.40	-	-	0.00	0.00	-	0.00
24	7,747	7,748	<b>6.64</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
25	7,303	7,304	<b>7.52</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
26	6,790	6,791	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
27	5,551	5,553	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
28	4,006	4,008	<b>16.28</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
29	4,635	4,637	<b>14.21</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
30	3,464	3,466	<b>18.28</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
31	3,245	3,247	<b>19.16</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
32	3,210	3,212	<b>19.30</b>	108.5	0.00	81.14	-	-	0.00	0.00	-	0.00
33	2,827	2,829	<b>20.95</b>	108.5	0.00	80.03	-	-	0.00	0.00	-	0.00
34	2,059	2,062	<b>25.21</b>	108.5	0.00	77.29	-	-	0.00	0.00	-	0.00
35	1,694	1,697	<b>27.75</b>	108.5	0.00	75.59	-	-	0.00	0.00	-	0.00
36	8,602	8,603	<b>5.09</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
37	8,008	8,010	<b>6.15</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
38	6,603	6,604	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
39	5,847	5,848	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
40	5,087	5,089	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
41	5,562	5,563	<b>11.55</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
42	4,732	4,734	<b>13.91</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
43	7,750	7,751	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
44	7,095	7,096	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
45	6,830	6,832	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
46	9,355	9,356	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
47	9,203	9,204	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
48	7,950	7,951	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
49	8,908	8,909	<b>4.58</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
50	8,503	8,504	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
51	9,396	9,397	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
52	9,854	9,855	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
53	10,551	10,551	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
54	10,609	10,610	<b>2.03</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
55	9,777	9,778	<b>3.22</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
56	11,006	11,007	<b>1.50</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
57	12,254	12,255	<b>-0.03</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
58	12,350	12,351	<b>-0.14</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
59	12,115	12,116	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
60	12,157	12,158	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00

Sum 39.54

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H299 H299

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,920	7,921	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	2	7,498	7,499	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	3	6,945	6,945	<b>8.26</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	4	6,986	6,987	<b>8.18</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	5	5,705	5,706	<b>11.18</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	6	5,203	5,204	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	7	5,209	5,210	<b>12.52</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
	8	4,376	4,377	<b>15.03</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
	9	4,135	4,135	<b>15.84</b>	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	10	3,709	3,710	<b>17.35</b>	108.5	0.00	82.39	-	-	0.00	0.00	-	0.00
	11	5,722	5,723	<b>11.13</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	12	3,992	3,993	<b>16.33</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
	13	2,530	2,532	<b>22.42</b>	108.5	0.00	79.07	-	-	0.00	0.00	-	0.00
	14	1,625	1,628	<b>28.27</b>	108.5	0.00	75.23	-	-	0.00	0.00	-	0.00
	15	880	885	<b>35.56</b>	108.5	0.00	69.94	-	-	0.00	0.00	-	0.00
	16	4,528	4,530	<b>14.54</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	17	4,039	4,040	<b>16.17</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	18	3,563	3,564	<b>17.90</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
	19	3,349	3,350	<b>18.74</b>	108.5	0.00	81.50	-	-	0.00	0.00	-	0.00
	20	2,530	2,532	<b>22.42</b>	108.5	0.00	79.07	-	-	0.00	0.00	-	0.00
	21	1,563	1,566	<b>28.76</b>	108.5	0.00	74.90	-	-	0.00	0.00	-	0.00
	22	840	846	<b>36.07</b>	108.5	0.00	69.54	-	-	0.00	0.00	-	0.00
	23	1,311	1,314	<b>30.93</b>	108.5	0.00	73.37	-	-	0.00	0.00	-	0.00
	24	7,042	7,043	<b>8.06</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	25	6,606	6,607	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	26	6,100	6,101	<b>10.19</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	27	4,939	4,940	<b>13.29</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	28	3,376	3,377	<b>18.63</b>	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
	29	4,040	4,041	<b>16.16</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	30	2,913	2,915	<b>20.57</b>	108.5	0.00	80.29	-	-	0.00	0.00	-	0.00
	31	2,795	2,797	<b>21.10</b>	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
	32	2,889	2,891	<b>20.67</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
	33	2,576	2,578	<b>22.17</b>	108.5	0.00	79.23	-	-	0.00	0.00	-	0.00
	34	1,807	1,810	<b>26.92</b>	108.5	0.00	76.15	-	-	0.00	0.00	-	0.00
	35	2,072	2,074	<b>25.13</b>	108.5	0.00	77.33	-	-	0.00	0.00	-	0.00
	36	7,991	7,993	<b>6.18</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	37	7,391	7,393	<b>7.34</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	38	6,129	6,130	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	39	5,349	5,351	<b>12.12</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	40	4,599	4,600	<b>14.32</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
	41	5,157	5,159	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	42	4,364	4,365	<b>15.07</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	43	7,310	7,312	<b>7.50</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	44	6,702	6,703	<b>8.79</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	45	6,504	6,506	<b>9.24</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	46	8,964	8,965	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	47	8,866	8,867	<b>4.65</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	48	7,795	7,796	<b>6.55</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	49	8,955	8,956	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	50	8,675	8,676	<b>4.97</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	51	9,582	9,583	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	52	9,888	9,889	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	53	10,606	10,607	<b>2.03</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	54	10,703	10,704	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	55	9,939	9,940	<b>2.98</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	56	11,164	11,165	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	57	12,219	12,220	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	58	12,347	12,348	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	59	12,218	12,219	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	60	12,300	12,301	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00

Sum 41.07

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H300 H300

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,458	7,458	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	2	7,106	7,106	<b>7.92</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	3	6,691	6,691	<b>8.82</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	4	6,477	6,478	<b>9.30</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	5	5,694	5,694	<b>11.21</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	6	4,826	4,827	<b>13.63</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	7	5,084	5,085	<b>12.87</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	8	4,585	4,586	<b>14.37</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	9	4,711	4,712	<b>13.98</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	10	3,801	3,802	<b>17.02</b>	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
	11	5,143	5,144	<b>12.70</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	12	3,386	3,387	<b>18.59</b>	108.5	0.00	81.60	-	-	0.00	0.00	-	0.00
	13	2,677	2,679	<b>21.64</b>	108.5	0.00	79.56	-	-	0.00	0.00	-	0.00
	14	1,828	1,830	<b>26.78</b>	108.5	0.00	76.25	-	-	0.00	0.00	-	0.00
	15	1,815	1,816	<b>26.87</b>	108.5	0.00	76.18	-	-	0.00	0.00	-	0.00
	16	3,280	3,281	<b>19.02</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
	17	2,916	2,917	<b>20.56</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
	18	2,524	2,526	<b>22.45</b>	108.5	0.00	79.05	-	-	0.00	0.00	-	0.00
	19	1,815	1,817	<b>26.87</b>	108.5	0.00	76.19	-	-	0.00	0.00	-	0.00
	20	1,245	1,248	<b>31.55</b>	108.5	0.00	72.92	-	-	0.00	0.00	-	0.00
	21	819	823	<b>36.38</b>	108.5	0.00	69.31	-	-	0.00	0.00	-	0.00
	22	1,375	1,377	<b>30.36</b>	108.5	0.00	73.78	-	-	0.00	0.00	-	0.00
	23	2,324	2,325	<b>23.59</b>	108.5	0.00	78.33	-	-	0.00	0.00	-	0.00
	24	5,353	5,355	<b>12.11</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	25	4,894	4,896	<b>13.42</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	26	4,371	4,372	<b>15.05</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
	27	3,046	3,049	<b>19.99</b>	108.5	0.00	80.68	-	-	0.00	0.00	-	0.00
	28	1,538	1,541	<b>28.97</b>	108.5	0.00	74.76	-	-	0.00	0.00	-	0.00
	29	2,126	2,129	<b>24.79</b>	108.5	0.00	77.56	-	-	0.00	0.00	-	0.00
	30	950	955	<b>34.70</b>	108.5	0.00	70.60	-	-	0.00	0.00	-	0.00
	31	853	858	<b>35.91</b>	108.5	0.00	69.67	-	-	0.00	0.00	-	0.00
	32	1,163	1,167	<b>32.35</b>	108.5	0.00	72.34	-	-	0.00	0.00	-	0.00
	33	1,113	1,117	<b>32.87</b>	108.5	0.00	71.96	-	-	0.00	0.00	-	0.00
	34	911	915	<b>35.18</b>	108.5	0.00	70.23	-	-	0.00	0.00	-	0.00
	35	2,407	2,408	<b>23.11</b>	108.5	0.00	78.63	-	-	0.00	0.00	-	0.00
	36	6,091	6,092	<b>10.21</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	37	5,501	5,502	<b>11.72</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
	38	4,149	4,150	<b>15.79</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
	39	3,370	3,371	<b>18.66</b>	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
	40	2,618	2,620	<b>21.94</b>	108.5	0.00	79.37	-	-	0.00	0.00	-	0.00
	41	3,203	3,205	<b>19.33</b>	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
	42	2,451	2,453	<b>22.86</b>	108.5	0.00	78.79	-	-	0.00	0.00	-	0.00
	43	5,334	5,336	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	44	4,746	4,747	<b>13.87</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	45	4,598	4,600	<b>14.32</b>	108.5	0.00	84.25	-	-	0.00	0.00	-	0.00
	46	7,002	7,003	<b>8.14</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	47	6,936	6,938	<b>8.28</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	48	6,075	6,076	<b>10.25</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	49	7,552	7,553	<b>7.02</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	50	7,536	7,537	<b>7.05</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	51	8,451	8,451	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	52	8,442	8,443	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	53	9,190	9,190	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	54	9,358	9,358	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	55	8,749	8,750	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	56	9,942	9,943	<b>2.97</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	57	10,626	10,627	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	58	10,806	10,807	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	59	10,869	10,870	<b>1.68</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	60	11,029	11,030	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00

Sum 44.03

Project:

20162030 Westwood Red Pine

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6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H301 H301

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,033	6,034	<b>10.35</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	2	5,646	5,647	<b>11.33</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	3	5,173	5,174	<b>12.62</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
	4	5,066	5,067	<b>12.92</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
	5	4,100	4,100	<b>15.96</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	6	3,331	3,332	<b>18.81</b>	108.5	0.00	81.45	-	-	0.00	0.00	-	0.00
	7	3,508	3,510	<b>18.11</b>	108.5	0.00	81.90	-	-	0.00	0.00	-	0.00
	8	2,958	2,959	<b>20.37</b>	108.5	0.00	80.42	-	-	0.00	0.00	-	0.00
	9	3,117	3,118	<b>19.69</b>	108.5	0.00	80.88	-	-	0.00	0.00	-	0.00
	10	2,175	2,176	<b>24.49</b>	108.5	0.00	77.75	-	-	0.00	0.00	-	0.00
	11	3,752	3,753	<b>17.19</b>	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
	12	1,971	1,973	<b>25.80</b>	108.5	0.00	76.90	-	-	0.00	0.00	-	0.00
	13	1,079	1,082	<b>33.25</b>	108.5	0.00	71.68	-	-	0.00	0.00	-	0.00
	14	637	643	<b>39.10</b>	108.5	0.00	67.16	-	-	0.00	0.00	-	0.00
	15	1,305	1,307	<b>30.99</b>	108.5	0.00	73.33	-	-	0.00	0.00	-	0.00
	16	2,451	2,454	<b>22.85</b>	108.5	0.00	78.80	-	-	0.00	0.00	-	0.00
	17	1,947	1,950	<b>25.95</b>	108.5	0.00	76.80	-	-	0.00	0.00	-	0.00
	18	1,469	1,472	<b>29.53</b>	108.5	0.00	74.36	-	-	0.00	0.00	-	0.00
	19	1,552	1,555	<b>28.85</b>	108.5	0.00	74.84	-	-	0.00	0.00	-	0.00
	20	838	842	<b>36.12</b>	108.5	0.00	69.51	-	-	0.00	0.00	-	0.00
	21	921	925	<b>35.06</b>	108.5	0.00	70.32	-	-	0.00	0.00	-	0.00
	22	2,146	2,148	<b>24.66</b>	108.5	0.00	77.64	-	-	0.00	0.00	-	0.00
	23	3,160	3,161	<b>19.52</b>	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
	24	5,114	5,116	<b>12.78</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	25	4,709	4,711	<b>13.98</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	26	4,237	4,239	<b>15.49</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	27	3,391	3,393	<b>18.57</b>	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
	28	1,960	1,962	<b>25.86</b>	108.5	0.00	76.86	-	-	0.00	0.00	-	0.00
	29	2,650	2,652	<b>21.77</b>	108.5	0.00	79.47	-	-	0.00	0.00	-	0.00
	30	1,971	1,973	<b>25.79</b>	108.5	0.00	76.90	-	-	0.00	0.00	-	0.00
	31	2,272	2,274	<b>23.89</b>	108.5	0.00	78.14	-	-	0.00	0.00	-	0.00
	32	2,739	2,741	<b>21.35</b>	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00
	33	2,741	2,742	<b>21.35</b>	108.5	0.00	79.76	-	-	0.00	0.00	-	0.00
	34	2,370	2,372	<b>23.32</b>	108.5	0.00	78.50	-	-	0.00	0.00	-	0.00
	35	3,610	3,610	<b>17.73</b>	108.5	0.00	82.15	-	-	0.00	0.00	-	0.00
	36	6,325	6,326	<b>9.65</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	37	5,719	5,720	<b>11.14</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	38	4,953	4,954	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	39	4,157	4,159	<b>15.76</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
	40	3,516	3,518	<b>18.08</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
	41	4,282	4,284	<b>15.34</b>	108.5	0.00	83.64	-	-	0.00	0.00	-	0.00
	42	3,706	3,708	<b>17.36</b>	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
	43	6,175	6,176	<b>10.01</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	44	5,739	5,740	<b>11.09</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	45	5,750	5,751	<b>11.06</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	46	7,906	7,908	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	47	7,966	7,967	<b>6.23</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	48	7,447	7,448	<b>7.23</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	49	9,093	9,094	<b>4.28</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	50	9,145	9,145	<b>4.19</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	51	10,057	10,058	<b>2.80</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	52	9,961	9,961	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	53	10,716	10,716	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	54	10,909	10,910	<b>1.63</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	55	10,344	10,345	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	56	11,526	11,527	<b>0.84</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	57	12,050	12,051	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	58	12,262	12,263	<b>-0.04</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	59	12,413	12,413	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	60	12,597	12,598	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00

Sum 43.93

Project:

20162030 Westwood Red Pine

Licensed user:

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6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H302 H302

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,787	6,788	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
2	6,384	6,384	<b>9.52</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
3	5,873	5,873	<b>10.75</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
4	5,833	5,834	<b>10.85</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
5	4,714	4,715	<b>13.97</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
6	4,068	4,069	<b>16.07</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
7	4,163	4,164	<b>15.74</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
8	3,464	3,465	<b>18.29</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
9	3,431	3,432	<b>18.42</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
10	2,718	2,719	<b>21.45</b>	108.5	0.00	79.69	-	-	0.00	0.00	-	0.00
11	4,539	4,540	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
12	2,776	2,777	<b>21.19</b>	108.5	0.00	79.87	-	-	0.00	0.00	-	0.00
13	1,503	1,505	<b>29.26</b>	108.5	0.00	74.55	-	-	0.00	0.00	-	0.00
14	511	518	<b>41.40</b>	108.5	0.00	65.28	-	-	0.00	0.00	-	0.00
15	532	538	<b>40.99</b>	108.5	0.00	65.62	-	-	0.00	0.00	-	0.00
16	3,278	3,280	<b>19.02</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
17	2,783	2,785	<b>21.15</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
18	2,306	2,308	<b>23.69</b>	108.5	0.00	78.27	-	-	0.00	0.00	-	0.00
19	2,197	2,199	<b>24.35</b>	108.5	0.00	77.85	-	-	0.00	0.00	-	0.00
20	1,375	1,378	<b>30.35</b>	108.5	0.00	73.79	-	-	0.00	0.00	-	0.00
21	629	635	<b>39.22</b>	108.5	0.00	67.06	-	-	0.00	0.00	-	0.00
22	1,391	1,394	<b>30.21</b>	108.5	0.00	73.88	-	-	0.00	0.00	-	0.00
23	2,357	2,358	<b>23.40</b>	108.5	0.00	78.45	-	-	0.00	0.00	-	0.00
24	5,864	5,865	<b>10.77</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
25	5,442	5,443	<b>11.87</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
26	4,951	4,952	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
27	3,935	3,936	<b>16.53</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
28	2,392	2,395	<b>23.19</b>	108.5	0.00	78.58	-	-	0.00	0.00	-	0.00
29	3,095	3,096	<b>19.78</b>	108.5	0.00	80.82	-	-	0.00	0.00	-	0.00
30	2,138	2,141	<b>24.71</b>	108.5	0.00	77.61	-	-	0.00	0.00	-	0.00
31	2,248	2,250	<b>24.04</b>	108.5	0.00	78.04	-	-	0.00	0.00	-	0.00
32	2,579	2,581	<b>22.15</b>	108.5	0.00	79.23	-	-	0.00	0.00	-	0.00
33	2,445	2,446	<b>22.89</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
34	1,877	1,879	<b>26.43</b>	108.5	0.00	76.48	-	-	0.00	0.00	-	0.00
35	2,892	2,893	<b>20.66</b>	108.5	0.00	80.23	-	-	0.00	0.00	-	0.00
36	6,951	6,952	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
37	6,345	6,346	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
38	5,337	5,338	<b>12.16</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
39	4,537	4,538	<b>14.52</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
40	3,829	3,831	<b>16.91</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
41	4,515	4,516	<b>14.59</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
42	3,824	3,825	<b>16.93</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
43	6,553	6,554	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
44	6,034	6,036	<b>10.35</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
45	5,952	5,954	<b>10.55</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
46	8,262	8,263	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
47	8,253	8,254	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
48	7,494	7,495	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
49	8,954	8,955	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
50	8,875	8,876	<b>4.63</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
51	9,791	9,791	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
52	9,853	9,854	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
53	10,597	10,598	<b>2.05</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
54	10,753	10,753	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
55	10,106	10,107	<b>2.73</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
56	11,311	11,312	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
57	12,049	12,050	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
58	12,228	12,229	<b>0.00</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
59	12,267	12,268	<b>-0.04</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
60	12,411	12,412	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00

Sum 46.16





## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H303 H303

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,464	5,465	<b>11.82</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	2	5,204	5,205	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	3	4,970	4,971	<b>13.20</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	4	4,505	4,506	<b>14.62</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	5	4,384	4,384	<b>15.01</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	6	3,230	3,230	<b>19.23</b>	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
	7	3,748	3,749	<b>17.21</b>	108.5	0.00	82.48	-	-	0.00	0.00	-	0.00
	8	3,799	3,800	<b>17.02</b>	108.5	0.00	82.59	-	-	0.00	0.00	-	0.00
	9	4,355	4,355	<b>15.10</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	10	3,138	3,139	<b>19.61</b>	108.5	0.00	80.94	-	-	0.00	0.00	-	0.00
	11	3,246	3,247	<b>19.16</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
	12	1,958	1,960	<b>25.88</b>	108.5	0.00	76.84	-	-	0.00	0.00	-	0.00
	13	2,737	2,738	<b>21.37</b>	108.5	0.00	79.75	-	-	0.00	0.00	-	0.00
	14	2,754	2,755	<b>21.29</b>	108.5	0.00	79.80	-	-	0.00	0.00	-	0.00
	15	3,367	3,368	<b>18.67</b>	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
	16	935	940	<b>34.87</b>	108.5	0.00	70.46	-	-	0.00	0.00	-	0.00
	17	924	928	<b>35.02</b>	108.5	0.00	70.35	-	-	0.00	0.00	-	0.00
	18	1,023	1,026	<b>33.86</b>	108.5	0.00	71.23	-	-	0.00	0.00	-	0.00
	19	709	715	<b>37.94</b>	108.5	0.00	68.08	-	-	0.00	0.00	-	0.00
	20	1,503	1,505	<b>29.26</b>	108.5	0.00	74.55	-	-	0.00	0.00	-	0.00
	21	2,486	2,488	<b>22.66</b>	108.5	0.00	78.92	-	-	0.00	0.00	-	0.00
	22	3,747	3,747	<b>17.21</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
	23	4,774	4,775	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	24	3,019	3,021	<b>20.11</b>	108.5	0.00	80.60	-	-	0.00	0.00	-	0.00
	25	2,600	2,602	<b>22.04</b>	108.5	0.00	79.30	-	-	0.00	0.00	-	0.00
	26	2,120	2,123	<b>24.82</b>	108.5	0.00	77.54	-	-	0.00	0.00	-	0.00
	27	1,559	1,562	<b>28.79</b>	108.5	0.00	74.88	-	-	0.00	0.00	-	0.00
	28	1,182	1,185	<b>32.17</b>	108.5	0.00	72.48	-	-	0.00	0.00	-	0.00
	29	1,330	1,333	<b>30.75</b>	108.5	0.00	73.50	-	-	0.00	0.00	-	0.00
	30	1,877	1,879	<b>26.44</b>	108.5	0.00	76.48	-	-	0.00	0.00	-	0.00
	31	2,409	2,411	<b>23.09</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
	32	2,960	2,961	<b>20.37</b>	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
	33	3,257	3,258	<b>19.11</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
	34	3,406	3,407	<b>18.52</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
	35	4,918	4,918	<b>13.36</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	36	4,245	4,247	<b>15.46</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
	37	3,643	3,645	<b>17.60</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	38	3,332	3,334	<b>18.80</b>	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
	39	2,630	2,632	<b>21.88</b>	108.5	0.00	79.41	-	-	0.00	0.00	-	0.00
	40	2,283	2,285	<b>23.83</b>	108.5	0.00	78.18	-	-	0.00	0.00	-	0.00
	41	3,108	3,110	<b>19.73</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
	42	2,945	2,946	<b>20.43</b>	108.5	0.00	80.39	-	-	0.00	0.00	-	0.00
	43	4,494	4,496	<b>14.65</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	44	4,259	4,261	<b>15.42</b>	108.5	0.00	83.59	-	-	0.00	0.00	-	0.00
	45	4,485	4,486	<b>14.68</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	46	6,212	6,213	<b>9.92</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	47	6,406	6,408	<b>9.46</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	48	6,441	6,442	<b>9.38</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
	49	8,464	8,465	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	50	8,844	8,845	<b>4.68</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	51	9,718	9,719	<b>3.30</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	52	9,225	9,225	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	53	9,985	9,985	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	54	10,266	10,267	<b>2.51</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	55	9,921	9,922	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	56	11,017	11,017	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	57	11,012	11,013	<b>1.50</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	58	11,296	11,297	<b>1.13</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	59	11,711	11,712	<b>0.62</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	60	11,991	11,992	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00

Sum 43.66

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H305 H305

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,129	4,130	<b>15.86</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
	2	4,004	4,005	<b>16.29</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
	3	4,015	4,015	<b>16.25</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	4	3,296	3,297	<b>18.95</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
	5	3,983	3,983	<b>16.37</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
	6	2,804	2,804	<b>21.06</b>	108.5	0.00	79.96	-	-	0.00	0.00	-	0.00
	7	3,466	3,467	<b>18.28</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
	8	4,035	4,035	<b>16.18</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	9	4,812	4,812	<b>13.67</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	10	3,676	3,677	<b>17.48</b>	108.5	0.00	82.31	-	-	0.00	0.00	-	0.00
	11	2,404	2,405	<b>23.13</b>	108.5	0.00	78.62	-	-	0.00	0.00	-	0.00
	12	2,388	2,389	<b>23.22</b>	108.5	0.00	78.56	-	-	0.00	0.00	-	0.00
	13	3,903	3,903	<b>16.65</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
	14	4,311	4,311	<b>15.25</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	15	5,023	5,024	<b>13.05</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	16	1,267	1,270	<b>31.35</b>	108.5	0.00	73.07	-	-	0.00	0.00	-	0.00
	17	1,780	1,781	<b>27.13</b>	108.5	0.00	76.01	-	-	0.00	0.00	-	0.00
	18	2,254	2,255	<b>24.01</b>	108.5	0.00	78.06	-	-	0.00	0.00	-	0.00
	19	2,619	2,620	<b>21.94</b>	108.5	0.00	79.37	-	-	0.00	0.00	-	0.00
	20	3,331	3,332	<b>18.81</b>	108.5	0.00	81.45	-	-	0.00	0.00	-	0.00
	21	4,310	4,310	<b>15.25</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	22	5,615	5,615	<b>11.42</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	23	6,655	6,655	<b>8.90</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	24	1,839	1,841	<b>26.70</b>	108.5	0.00	76.30	-	-	0.00	0.00	-	0.00
	25	1,672	1,675	<b>27.92</b>	108.5	0.00	75.48	-	-	0.00	0.00	-	0.00
	26	1,570	1,572	<b>28.71</b>	108.5	0.00	74.93	-	-	0.00	0.00	-	0.00
	27	2,534	2,535	<b>22.40</b>	108.5	0.00	79.08	-	-	0.00	0.00	-	0.00
	28	3,070	3,070	<b>19.90</b>	108.5	0.00	80.74	-	-	0.00	0.00	-	0.00
	29	2,949	2,950	<b>20.42</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
	30	3,784	3,785	<b>17.08</b>	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
	31	4,310	4,310	<b>15.25</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	32	4,843	4,843	<b>13.58</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	33	5,167	5,168	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	34	5,333	5,334	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	35	6,841	6,842	<b>8.49</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	36	3,672	3,673	<b>17.49</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	37	3,184	3,186	<b>19.41</b>	108.5	0.00	81.06	-	-	0.00	0.00	-	0.00
	38	4,054	4,055	<b>16.12</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
	39	3,634	3,635	<b>17.63</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	40	3,662	3,663	<b>17.53</b>	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
	41	4,359	4,360	<b>15.09</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	42	4,502	4,503	<b>14.63</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	43	4,939	4,940	<b>13.29</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	44	5,018	5,019	<b>13.06</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	45	5,456	5,457	<b>11.84</b>	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00
	46	6,469	6,470	<b>9.32</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	47	6,854	6,855	<b>8.46</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
	48	7,495	7,495	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	49	9,723	9,724	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	50	10,301	10,302	<b>2.46</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	51	11,133	11,133	<b>1.34</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	52	10,383	10,383	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	53	11,127	11,127	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	54	11,468	11,468	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	55	11,280	11,280	<b>1.15</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	56	12,296	12,297	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	57	11,866	11,867	<b>0.43</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	58	12,211	12,212	<b>0.02</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	59	12,838	12,838	<b>-0.68</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	60	13,185	13,185	<b>-1.06</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00

Sum 38.00

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H307 H307

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,363	3,364	<b>18.68</b>	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
	2	3,234	3,235	<b>19.21</b>	108.5	0.00	81.20	-	-	0.00	0.00	-	0.00
	3	3,260	3,261	<b>19.10</b>	108.5	0.00	81.27	-	-	0.00	0.00	-	0.00
	4	2,526	2,528	<b>22.44</b>	108.5	0.00	79.05	-	-	0.00	0.00	-	0.00
	5	3,339	3,340	<b>18.78</b>	108.5	0.00	81.47	-	-	0.00	0.00	-	0.00
	6	2,217	2,218	<b>24.23</b>	108.5	0.00	77.92	-	-	0.00	0.00	-	0.00
	7	2,880	2,880	<b>20.72</b>	108.5	0.00	80.19	-	-	0.00	0.00	-	0.00
	8	3,587	3,587	<b>17.81</b>	108.5	0.00	82.10	-	-	0.00	0.00	-	0.00
	9	4,405	4,405	<b>14.94</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	10	3,362	3,362	<b>18.69</b>	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
	11	1,717	1,719	<b>27.58</b>	108.5	0.00	75.70	-	-	0.00	0.00	-	0.00
	12	2,194	2,195	<b>24.37</b>	108.5	0.00	77.83	-	-	0.00	0.00	-	0.00
	13	3,824	3,824	<b>16.93</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	14	4,394	4,395	<b>14.98</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
	15	5,139	5,139	<b>12.72</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	16	1,534	1,537	<b>29.00</b>	108.5	0.00	74.73	-	-	0.00	0.00	-	0.00
	17	1,945	1,946	<b>25.97</b>	108.5	0.00	76.78	-	-	0.00	0.00	-	0.00
	18	2,408	2,409	<b>23.11</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
	19	3,024	3,025	<b>20.09</b>	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
	20	3,627	3,628	<b>17.66</b>	108.5	0.00	82.19	-	-	0.00	0.00	-	0.00
	21	4,566	4,566	<b>14.43</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
	22	5,888	5,888	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	23	6,931	6,932	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	24	2,443	2,445	<b>22.90</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	25	2,367	2,369	<b>23.34</b>	108.5	0.00	78.49	-	-	0.00	0.00	-	0.00
	26	2,328	2,330	<b>23.56</b>	108.5	0.00	78.35	-	-	0.00	0.00	-	0.00
	27	3,257	3,258	<b>19.11</b>	108.5	0.00	81.26	-	-	0.00	0.00	-	0.00
	28	3,580	3,581	<b>17.84</b>	108.5	0.00	82.08	-	-	0.00	0.00	-	0.00
	29	3,571	3,572	<b>17.87</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
	30	4,273	4,274	<b>15.37</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	31	4,807	4,807	<b>13.69</b>	108.5	0.00	84.64	-	-	0.00	0.00	-	0.00
	32	5,359	5,359	<b>12.10</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
	33	5,648	5,648	<b>11.33</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	34	5,724	5,725	<b>11.13</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	35	7,203	7,203	<b>7.72</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
	36	4,344	4,345	<b>15.14</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	37	3,891	3,893	<b>16.69</b>	108.5	0.00	82.81	-	-	0.00	0.00	-	0.00
	38	4,821	4,822	<b>13.64</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
	39	4,378	4,379	<b>15.03</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00
	40	4,354	4,355	<b>15.11</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	41	5,082	5,083	<b>12.88</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	42	5,166	5,167	<b>12.64</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	43	5,708	5,709	<b>11.17</b>	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
	44	5,787	5,788	<b>10.97</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	45	6,216	6,217	<b>9.91</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	46	7,224	7,224	<b>7.68</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	47	7,619	7,620	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	48	8,254	8,254	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	49	10,466	10,466	<b>2.23</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	50	11,011	11,012	<b>1.50</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	51	11,853	11,853	<b>0.45</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	52	11,137	11,138	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	53	11,883	11,884	<b>0.41</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	54	12,219	12,219	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	55	12,010	12,010	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	56	13,039	13,039	<b>-0.90</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	57	12,637	12,638	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	58	12,981	12,982	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	59	13,597	13,597	<b>-1.49</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	60	13,938	13,938	<b>-1.83</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00

Sum 36.81

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H308 H308

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,405	3,405	<b>18.52</b>	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
2	3,479	3,480	<b>18.23</b>	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
3	3,782	3,783	<b>17.09</b>	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
4	2,899	2,900	<b>20.64</b>	108.5	0.00	80.25	-	-	0.00	0.00	-	0.00
5	4,313	4,313	<b>15.24</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
6	3,379	3,379	<b>18.63</b>	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
7	3,996	3,996	<b>16.32</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
8	4,857	4,857	<b>13.54</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
9	5,697	5,697	<b>11.20</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
10	4,742	4,742	<b>13.89</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
11	2,732	2,733	<b>21.39</b>	108.5	0.00	79.73	-	-	0.00	0.00	-	0.00
12	3,637	3,637	<b>17.62</b>	108.5	0.00	82.22	-	-	0.00	0.00	-	0.00
13	5,274	5,274	<b>12.34</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
14	5,837	5,838	<b>10.84</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
15	6,577	6,577	<b>9.08</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
16	2,879	2,879	<b>20.73</b>	108.5	0.00	80.19	-	-	0.00	0.00	-	0.00
17	3,346	3,347	<b>18.76</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
18	3,821	3,821	<b>16.95</b>	108.5	0.00	82.64	-	-	0.00	0.00	-	0.00
19	4,301	4,301	<b>15.28</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
20	4,984	4,984	<b>13.16</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
21	5,949	5,949	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
22	7,265	7,265	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
23	8,308	8,308	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
24	2,158	2,160	<b>24.59</b>	108.5	0.00	77.69	-	-	0.00	0.00	-	0.00
25	2,369	2,370	<b>23.33</b>	108.5	0.00	78.50	-	-	0.00	0.00	-	0.00
26	2,636	2,637	<b>21.85</b>	108.5	0.00	79.42	-	-	0.00	0.00	-	0.00
27	4,021	4,022	<b>16.23</b>	108.5	0.00	83.09	-	-	0.00	0.00	-	0.00
28	4,751	4,752	<b>13.85</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
29	4,578	4,579	<b>14.39</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
30	5,468	5,468	<b>11.81</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
31	5,991	5,991	<b>10.46</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
32	6,517	6,517	<b>9.21</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
33	6,850	6,850	<b>8.47</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
34	7,017	7,018	<b>8.11</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
35	8,522	8,522	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
36	4,001	4,002	<b>16.30</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
37	3,721	3,721	<b>17.31</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
38	5,249	5,249	<b>12.41</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
39	5,007	5,007	<b>13.09</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
40	5,184	5,185	<b>12.59</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
41	5,793	5,794	<b>10.95</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
42	6,060	6,061	<b>10.29</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
43	5,885	5,885	<b>10.72</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
44	6,155	6,156	<b>10.06</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
45	6,690	6,691	<b>8.82</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
46	7,174	7,174	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
47	7,678	7,678	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
48	8,701	8,702	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
49	11,018	11,018	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
50	11,716	11,716	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
51	12,513	12,513	<b>-0.32</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
52	11,601	11,601	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
53	12,324	12,324	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
54	12,701	12,702	<b>-0.53</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
55	12,622	12,622	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
56	13,576	13,576	<b>-1.46</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
57	12,849	12,849	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
58	13,233	13,234	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
59	14,005	14,005	<b>-1.90</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
60	14,396	14,396	<b>-2.28</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00

Sum 33.21

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H309 H309

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,431	3,431	<b>18.42</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
	2	3,561	3,562	<b>17.91</b>	108.5	0.00	82.03	-	-	0.00	0.00	-	0.00
	3	3,932	3,932	<b>16.55</b>	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
	4	3,039	3,040	<b>20.03</b>	108.5	0.00	80.66	-	-	0.00	0.00	-	0.00
	5	4,573	4,573	<b>14.41</b>	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
	6	3,701	3,701	<b>17.39</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
	7	4,298	4,298	<b>15.29</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	8	5,195	5,195	<b>12.56</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	9	6,037	6,037	<b>10.35</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	10	5,115	5,115	<b>12.78</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	11	3,034	3,035	<b>20.05</b>	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00
	12	4,039	4,039	<b>16.17</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	13	5,681	5,681	<b>11.24</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	14	6,257	6,257	<b>9.82</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	15	6,997	6,997	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	16	3,302	3,302	<b>18.93</b>	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
	17	3,769	3,769	<b>17.13</b>	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
	18	4,243	4,243	<b>15.47</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
	19	4,719	4,719	<b>13.95</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	20	5,406	5,406	<b>11.97</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	21	6,372	6,372	<b>9.54</b>	108.5	0.00	87.09	-	-	0.00	0.00	-	0.00
	22	7,688	7,688	<b>6.76</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	23	8,731	8,731	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	24	2,346	2,347	<b>23.46</b>	108.5	0.00	78.41	-	-	0.00	0.00	-	0.00
	25	2,618	2,619	<b>21.94</b>	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
	26	2,938	2,939	<b>20.46</b>	108.5	0.00	80.36	-	-	0.00	0.00	-	0.00
	27	4,375	4,375	<b>15.04</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
	28	5,158	5,158	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	29	4,965	4,965	<b>13.22</b>	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
	30	5,876	5,876	<b>10.74</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	31	6,397	6,397	<b>9.49</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	32	6,919	6,919	<b>8.32</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	33	7,257	7,257	<b>7.61</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	34	7,434	7,434	<b>7.25</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	35	8,940	8,941	<b>4.53</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	36	4,098	4,099	<b>15.96</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
	37	3,874	3,875	<b>16.75</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	38	5,524	5,525	<b>11.65</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	39	5,326	5,327	<b>12.19</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	40	5,539	5,540	<b>11.61</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	41	6,123	6,123	<b>10.14</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	42	6,422	6,422	<b>9.43</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	43	6,096	6,096	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	44	6,409	6,410	<b>9.46</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	45	6,965	6,965	<b>8.22</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	46	7,315	7,315	<b>7.49</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	47	7,845	7,845	<b>6.46</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	48	8,960	8,960	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	49	11,294	11,294	<b>1.13</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	50	12,025	12,025	<b>0.24</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	51	12,811	12,811	<b>-0.65</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	52	11,855	11,856	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	53	12,571	12,571	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	54	12,958	12,958	<b>-0.81</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	55	12,909	12,909	<b>-0.76</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	56	13,843	13,844	<b>-1.74</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	57	13,037	13,037	<b>-0.90</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	58	13,432	13,432	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	59	14,241	14,242	<b>-2.13</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	60	14,644	14,644	<b>-2.51</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00

Sum 32.15

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H310 H310

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,982	3,983	<b>16.37</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
	2	4,201	4,201	<b>15.62</b>	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
	3	4,663	4,663	<b>14.13</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
	4	3,776	3,777	<b>17.11</b>	108.5	0.00	82.54	-	-	0.00	0.00	-	0.00
	5	5,435	5,435	<b>11.89</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	6	4,627	4,627	<b>14.24</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	7	5,204	5,204	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	8	6,128	6,128	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	9	6,972	6,972	<b>8.21</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	10	6,069	6,069	<b>10.27</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	11	3,949	3,949	<b>16.49</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	12	4,994	4,994	<b>13.13</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	13	6,633	6,633	<b>8.95</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	14	7,189	7,189	<b>7.75</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	15	7,924	7,924	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	16	4,197	4,197	<b>15.63</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
	17	4,681	4,682	<b>14.07</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	18	5,158	5,159	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	19	5,565	5,565	<b>11.55</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	20	6,285	6,285	<b>9.75</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	21	7,261	7,261	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	22	8,569	8,569	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	23	9,609	9,609	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	24	2,672	2,673	<b>21.67</b>	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
	25	3,053	3,054	<b>19.97</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
	26	3,475	3,475	<b>18.25</b>	108.5	0.00	81.82	-	-	0.00	0.00	-	0.00
	27	5,003	5,003	<b>13.11</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
	28	5,949	5,949	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	29	5,684	5,684	<b>11.24</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	30	6,668	6,668	<b>8.87</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	31	7,176	7,177	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	32	7,679	7,679	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	33	8,038	8,038	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	34	8,265	8,265	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	35	9,780	9,781	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	36	4,115	4,116	<b>15.91</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00
	37	4,030	4,031	<b>16.20</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
	38	5,927	5,928	<b>10.62</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
	39	5,847	5,847	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
	40	6,156	6,156	<b>10.06</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	41	6,660	6,661	<b>8.89</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	42	7,049	7,050	<b>8.04</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	43	6,329	6,330	<b>9.64</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	44	6,746	6,746	<b>8.70</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	45	7,347	7,347	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	46	7,364	7,364	<b>7.39</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	47	7,949	7,950	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	48	9,284	9,285	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	49	11,652	11,652	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	50	12,471	12,471	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	51	13,224	13,224	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	52	12,153	12,153	<b>0.09</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	53	12,847	12,847	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	54	13,257	13,257	<b>-1.13</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	55	13,290	13,291	<b>-1.17</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	56	14,170	14,171	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	57	13,163	13,163	<b>-1.03</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	58	13,580	13,580	<b>-1.47</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	59	14,484	14,484	<b>-2.36</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	60	14,916	14,916	<b>-2.77</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00

Sum 30.01

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H311 H311

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,123	3,123	<b>19.67</b>	108.5	0.00	80.89	-	-	0.00	0.00	-	0.00
2	3,344	3,344	<b>18.76</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
3	3,823	3,823	<b>16.94</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
4	2,943	2,944	<b>20.44</b>	108.5	0.00	80.38	-	-	0.00	0.00	-	0.00
5	4,663	4,663	<b>14.13</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
6	3,947	3,947	<b>16.49</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
7	4,484	4,485	<b>14.69</b>	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
8	5,454	5,454	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
9	6,295	6,295	<b>9.73</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
10	5,473	5,473	<b>11.79</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
11	3,256	3,256	<b>19.12</b>	108.5	0.00	81.25	-	-	0.00	0.00	-	0.00
12	4,505	4,505	<b>14.62</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
13	6,152	6,153	<b>10.06</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
14	6,796	6,796	<b>8.59</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
15	7,545	7,545	<b>7.03</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
16	3,923	3,923	<b>16.58</b>	108.5	0.00	82.87	-	-	0.00	0.00	-	0.00
17	4,361	4,362	<b>15.08</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
18	4,827	4,827	<b>13.63</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
19	5,376	5,376	<b>12.06</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
20	6,031	6,031	<b>10.36</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
21	6,981	6,981	<b>8.19</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
22	8,302	8,302	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
23	9,346	9,346	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
24	3,044	3,045	<b>20.01</b>	108.5	0.00	80.67	-	-	0.00	0.00	-	0.00
25	3,341	3,342	<b>18.77</b>	108.5	0.00	81.48	-	-	0.00	0.00	-	0.00
26	3,674	3,674	<b>17.49</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
27	5,109	5,109	<b>12.80</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
28	5,847	5,847	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
29	5,681	5,682	<b>11.24</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
30	6,562	6,563	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
31	7,087	7,087	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
32	7,617	7,617	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
33	7,945	7,945	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
34	8,093	8,093	<b>5.99</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
35	9,590	9,590	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
36	4,712	4,713	<b>13.97</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
37	4,537	4,538	<b>14.52</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
38	6,251	6,251	<b>9.83</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
39	6,063	6,063	<b>10.28</b>	108.5	0.00	86.65	-	-	0.00	0.00	-	0.00
40	6,273	6,273	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
41	6,860	6,860	<b>8.45</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
42	7,153	7,154	<b>7.83</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
43	6,790	6,790	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
44	7,126	7,127	<b>7.88</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
45	7,690	7,690	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
46	7,953	7,953	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
47	8,503	8,504	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
48	9,678	9,678	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
49	12,018	12,018	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
50	12,760	12,760	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
51	13,543	13,543	<b>-1.43</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
52	12,569	12,570	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
53	13,281	13,281	<b>-1.16</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
54	13,673	13,673	<b>-1.56</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
55	13,637	13,637	<b>-1.53</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
56	14,564	14,564	<b>-2.44</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
57	13,708	13,708	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
58	14,109	14,109	<b>-2.00</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
59	14,945	14,945	<b>-2.79</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
60	15,354	15,354	<b>-3.17</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00

Sum 30.72

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H312 H312

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,132	3,133	<b>19.63</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
	2	3,435	3,436	<b>18.40</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
	3	3,999	3,999	<b>16.31</b>	108.5	0.00	83.04	-	-	0.00	0.00	-	0.00
	4	3,164	3,165	<b>19.50</b>	108.5	0.00	81.01	-	-	0.00	0.00	-	0.00
	5	4,985	4,986	<b>13.16</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
	6	4,395	4,395	<b>14.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
	7	4,882	4,882	<b>13.46</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
	8	5,890	5,890	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	9	6,723	6,723	<b>8.75</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	10	5,976	5,976	<b>10.50</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	11	3,703	3,703	<b>17.38</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
	12	5,081	5,081	<b>12.88</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	13	6,722	6,722	<b>8.75</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	14	7,402	7,402	<b>7.32</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	15	8,155	8,155	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	16	4,575	4,576	<b>14.40</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	17	5,001	5,001	<b>13.11</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
	18	5,461	5,461	<b>11.82</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	19	6,039	6,039	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	20	6,680	6,681	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	21	7,622	7,622	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	22	8,945	8,945	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	23	9,988	9,988	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	24	3,646	3,647	<b>17.59</b>	108.5	0.00	82.24	-	-	0.00	0.00	-	0.00
	25	3,971	3,972	<b>16.41</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
	26	4,326	4,326	<b>15.20</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
	27	5,778	5,778	<b>10.99</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	28	6,519	6,520	<b>9.21</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	29	6,357	6,357	<b>9.58</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	30	7,234	7,234	<b>7.66</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	31	7,760	7,760	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	32	8,291	8,291	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	33	8,617	8,617	<b>5.07</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	34	8,755	8,755	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	35	10,248	10,248	<b>2.53</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	36	5,216	5,217	<b>12.50</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	37	5,092	5,093	<b>12.85</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	38	6,881	6,881	<b>8.40</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	39	6,718	6,718	<b>8.76</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	40	6,942	6,943	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	41	7,518	7,519	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	42	7,825	7,825	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	43	7,371	7,372	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	44	7,740	7,740	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	45	8,316	8,316	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	46	8,466	8,467	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	47	9,039	9,040	<b>4.36</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	48	10,289	10,289	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	49	12,640	12,640	<b>-0.46</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	50	13,404	13,404	<b>-1.29</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	51	14,180	14,180	<b>-2.07</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	52	13,174	13,174	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	53	13,879	13,879	<b>-1.77</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	54	14,278	14,278	<b>-2.16</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	55	14,266	14,266	<b>-2.15</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	56	15,177	15,178	<b>-3.01</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	57	14,251	14,252	<b>-2.14</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	58	14,662	14,662	<b>-2.53</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	59	15,532	15,532	<b>-3.32</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	60	15,951	15,951	<b>-3.69</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 29.36



Project:

**20162030 Westwood Red Pine**

Licensed user:

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## DECIBEL - Detailed results

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area: H313 H313**

<b>WTG</b>		<b>95% rated power</b>										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,794	2,794	<b>21.11</b>	108.5	0.00	79.93	-	-	0.00	0.00	-	0.00
2	2,988	2,988	<b>20.25</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
3	3,445	3,446	<b>18.36</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
4	2,561	2,562	<b>22.25</b>	108.5	0.00	79.17	-	-	0.00	0.00	-	0.00
5	4,269	4,269	<b>15.39</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
6	3,563	3,563	<b>17.91</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
7	4,094	4,094	<b>15.98</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
8	5,068	5,069	<b>12.92</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
9	5,909	5,909	<b>10.66</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
10	5,104	5,104	<b>12.82</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
11	2,870	2,871	<b>20.77</b>	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
12	4,170	4,170	<b>15.72</b>	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
13	5,814	5,814	<b>10.90</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
14	6,484	6,484	<b>9.29</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
15	7,236	7,237	<b>7.65</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
16	3,670	3,671	<b>17.50</b>	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
17	4,087	4,087	<b>16.01</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
18	4,545	4,545	<b>14.50</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
19	5,144	5,144	<b>12.70</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
20	5,771	5,771	<b>11.01</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
21	6,707	6,708	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
22	8,030	8,030	<b>6.11</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
23	9,073	9,073	<b>4.31</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
24	3,095	3,096	<b>19.79</b>	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
25	3,346	3,346	<b>18.76</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
26	3,630	3,631	<b>17.65</b>	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
27	5,004	5,004	<b>13.10</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
28	5,648	5,648	<b>11.33</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
29	5,525	5,525	<b>11.65</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
30	6,358	6,358	<b>9.58</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
31	6,887	6,887	<b>8.39</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
32	7,426	7,426	<b>7.27</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
33	7,740	7,741	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
34	7,857	7,857	<b>6.43</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
35	9,343	9,343	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
36	4,851	4,851	<b>13.55</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
37	4,630	4,631	<b>14.23</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
38	6,238	6,239	<b>9.86</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
39	6,001	6,001	<b>10.43</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
40	6,165	6,165	<b>10.03</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
41	6,785	6,786	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
42	7,035	7,035	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
43	6,842	6,843	<b>8.49</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
44	7,137	7,138	<b>7.86</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
45	7,680	7,680	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
46	8,071	8,071	<b>6.04</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
47	8,600	8,600	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
48	9,686	9,686	<b>3.35</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
49	12,008	12,009	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
50	12,711	12,711	<b>-0.54</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
51	13,508	13,508	<b>-1.39</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
52	12,584	12,585	<b>-0.40</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
53	13,304	13,304	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
54	13,686	13,686	<b>-1.58</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
55	13,615	13,616	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
56	14,564	14,564	<b>-2.44</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
57	13,790	13,790	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
58	14,182	14,183	<b>-2.07</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
59	14,980	14,980	<b>-2.83</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
60	15,377	15,377	<b>-3.19</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00

Sum 31.62

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: **H314 H314**

WTG No.	Distance [m]	Sound distance [m]	95% rated power									
			Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,115	2,117	<b>24.86</b>	108.5	0.00	77.51	-	-	0.00	0.00	-	0.00
2	2,232	2,234	<b>24.13</b>	108.5	0.00	77.98	-	-	0.00	0.00	-	0.00
3	2,634	2,635	<b>21.86</b>	108.5	0.00	79.41	-	-	0.00	0.00	-	0.00
4	1,742	1,745	<b>27.39</b>	108.5	0.00	75.83	-	-	0.00	0.00	-	0.00
5	3,434	3,435	<b>18.40</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
6	2,780	2,781	<b>21.17</b>	108.5	0.00	79.88	-	-	0.00	0.00	-	0.00
7	3,280	3,281	<b>19.02</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
8	4,277	4,278	<b>15.36</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
9	5,113	5,113	<b>12.79</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
10	4,370	4,371	<b>15.06</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
11	2,088	2,090	<b>25.03</b>	108.5	0.00	77.40	-	-	0.00	0.00	-	0.00
12	3,549	3,550	<b>17.96</b>	108.5	0.00	82.00	-	-	0.00	0.00	-	0.00
13	5,168	5,169	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
14	5,907	5,907	<b>10.67</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
15	6,663	6,663	<b>8.88</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
16	3,296	3,297	<b>18.95</b>	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
17	3,642	3,642	<b>17.61</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
18	4,069	4,070	<b>16.06</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
19	4,792	4,792	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
20	5,337	5,337	<b>12.16</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
21	6,230	6,231	<b>9.88</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
22	7,547	7,548	<b>7.03</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
23	8,583	8,583	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
24	3,423	3,424	<b>18.45</b>	108.5	0.00	81.69	-	-	0.00	0.00	-	0.00
25	3,574	3,576	<b>17.86</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
26	3,750	3,752	<b>17.20</b>	108.5	0.00	82.48	-	-	0.00	0.00	-	0.00
27	4,954	4,955	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
28	5,367	5,368	<b>12.08</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
29	5,348	5,348	<b>12.13</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
30	6,055	6,056	<b>10.30</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
31	6,590	6,590	<b>9.05</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
32	7,144	7,145	<b>7.84</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
33	7,425	7,425	<b>7.27</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
34	7,464	7,464	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
35	8,917	8,917	<b>4.56</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
36	5,294	5,295	<b>12.28</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
37	4,992	4,993	<b>13.14</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
38	6,366	6,367	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
39	6,028	6,029	<b>10.37</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
40	6,088	6,089	<b>10.22</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
41	6,775	6,776	<b>8.63</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
42	6,924	6,925	<b>8.31</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
43	7,096	7,097	<b>7.94</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
44	7,304	7,305	<b>7.52</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
45	7,798	7,799	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
46	8,444	8,444	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
47	8,928	8,929	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
48	9,830	9,830	<b>3.14</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
49	12,104	12,105	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
50	12,721	12,721	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
51	13,545	13,545	<b>-1.43</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
52	12,730	12,730	<b>-0.56</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
53	13,464	13,464	<b>-1.35</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
54	13,823	13,824	<b>-1.72</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
55	13,680	13,681	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
56	14,674	14,674	<b>-2.54</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
57	14,070	14,071	<b>-1.96</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
58	14,443	14,444	<b>-2.32</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
59	15,161	15,161	<b>-2.99</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
60	15,531	15,531	<b>-3.32</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00

Sum 34.28

**DECIBEL - Detailed results****Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s**Noise sensitive area:** H315 H315

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,370	2,372	<b>23.32</b>	108.5	0.00	78.50	-	-	0.00	0.00	-	0.00
2	2,391	2,392	<b>23.20</b>	108.5	0.00	78.58	-	-	0.00	0.00	-	0.00
3	2,668	2,669	<b>21.69</b>	108.5	0.00	79.53	-	-	0.00	0.00	-	0.00
4	1,787	1,790	<b>27.07</b>	108.5	0.00	76.06	-	-	0.00	0.00	-	0.00
5	3,270	3,270	<b>19.06</b>	108.5	0.00	81.29	-	-	0.00	0.00	-	0.00
6	2,469	2,470	<b>22.76</b>	108.5	0.00	78.85	-	-	0.00	0.00	-	0.00
7	3,028	3,029	<b>20.07</b>	108.5	0.00	80.63	-	-	0.00	0.00	-	0.00
8	3,976	3,976	<b>16.39</b>	108.5	0.00	82.99	-	-	0.00	0.00	-	0.00
9	4,818	4,818	<b>13.65</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
10	3,996	3,996	<b>16.32</b>	108.5	0.00	83.03	-	-	0.00	0.00	-	0.00
11	1,781	1,783	<b>27.12</b>	108.5	0.00	76.02	-	-	0.00	0.00	-	0.00
12	3,095	3,096	<b>19.79</b>	108.5	0.00	80.82	-	-	0.00	0.00	-	0.00
13	4,730	4,731	<b>13.92</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
14	5,438	5,439	<b>11.89</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
15	6,194	6,194	<b>9.96</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
16	2,785	2,786	<b>21.15</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
17	3,137	3,138	<b>19.61</b>	108.5	0.00	80.93	-	-	0.00	0.00	-	0.00
18	3,570	3,571	<b>17.88</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
19	4,281	4,281	<b>15.35</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
20	4,833	4,833	<b>13.61</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
21	5,734	5,735	<b>11.11</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
22	7,053	7,054	<b>8.03</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
23	8,091	8,092	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
24	3,101	3,103	<b>19.76</b>	108.5	0.00	80.84	-	-	0.00	0.00	-	0.00
25	3,202	3,203	<b>19.34</b>	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00
26	3,331	3,332	<b>18.81</b>	108.5	0.00	81.46	-	-	0.00	0.00	-	0.00
27	4,475	4,476	<b>14.71</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
28	4,856	4,857	<b>13.54</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
29	4,845	4,845	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
30	5,544	5,544	<b>11.60</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
31	6,078	6,078	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
32	6,633	6,633	<b>8.95</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
33	6,913	6,914	<b>8.33</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
34	6,956	6,957	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
35	8,414	8,414	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
36	5,010	5,011	<b>13.08</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
37	4,665	4,666	<b>14.12</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
38	5,931	5,932	<b>10.60</b>	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
39	5,564	5,565	<b>11.55</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
40	5,600	5,601	<b>11.45</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
41	6,300	6,301	<b>9.71</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
42	6,429	6,429	<b>9.41</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
43	6,706	6,707	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
44	6,879	6,880	<b>8.41</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
45	7,356	7,357	<b>7.41</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
46	8,103	8,104	<b>5.97</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
47	8,564	8,565	<b>5.16</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
48	9,392	9,392	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
49	11,649	11,649	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
50	12,243	12,243	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
51	13,073	13,073	<b>-0.94</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
52	12,289	12,289	<b>-0.07</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
53	13,027	13,027	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
54	13,379	13,379	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
55	13,215	13,216	<b>-1.09</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
56	14,220	14,221	<b>-2.11</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
57	13,677	13,678	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
58	14,042	14,042	<b>-1.93</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
59	14,729	14,730	<b>-2.59</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
60	15,091	15,091	<b>-2.93</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
Sum	34.93											

Sum 34.93

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H316 H316

WTG	95% rated power												
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	1,822	1,824	<b>26.82</b>	108.5	0.00	76.22	-	-	0.00	0.00	-	0.00
	2	1,985	1,987	<b>25.70</b>	108.5	0.00	76.96	-	-	0.00	0.00	-	0.00
	3	2,449	2,450	<b>22.87</b>	108.5	0.00	78.78	-	-	0.00	0.00	-	0.00
	4	1,575	1,578	<b>28.67</b>	108.5	0.00	74.96	-	-	0.00	0.00	-	0.00
	5	3,363	3,364	<b>18.69</b>	108.5	0.00	81.54	-	-	0.00	0.00	-	0.00
	6	2,826	2,827	<b>20.96</b>	108.5	0.00	80.03	-	-	0.00	0.00	-	0.00
	7	3,273	3,274	<b>19.05</b>	108.5	0.00	81.30	-	-	0.00	0.00	-	0.00
	8	4,299	4,299	<b>15.29</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	9	5,123	5,124	<b>12.76</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	10	4,451	4,452	<b>14.79</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	11	2,145	2,147	<b>24.67</b>	108.5	0.00	77.64	-	-	0.00	0.00	-	0.00
	12	3,715	3,716	<b>17.33</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
	13	5,309	5,310	<b>12.24</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	14	6,083	6,083	<b>10.23</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	15	6,838	6,839	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	16	3,564	3,566	<b>17.90</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
	17	3,885	3,885	<b>16.71</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
	18	4,298	4,299	<b>15.29</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	19	5,057	5,058	<b>12.95</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	20	5,574	5,575	<b>11.52</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	21	6,449	6,449	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	22	7,760	7,761	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	23	8,791	8,792	<b>4.77</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	24	3,759	3,760	<b>17.17</b>	108.5	0.00	82.50	-	-	0.00	0.00	-	0.00
	25	3,915	3,916	<b>16.60</b>	108.5	0.00	82.86	-	-	0.00	0.00	-	0.00
	26	4,090	4,091	<b>15.99</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
	27	5,279	5,280	<b>12.32</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	28	5,650	5,650	<b>11.32</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	29	5,652	5,653	<b>11.32</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	30	6,330	6,331	<b>9.64</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	31	6,864	6,865	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	32	7,422	7,423	<b>7.28</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	33	7,693	7,694	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	34	7,709	7,710	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	35	9,149	9,149	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	36	5,622	5,623	<b>11.39</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	37	5,328	5,329	<b>12.19</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	38	6,705	6,706	<b>8.79</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	39	6,359	6,360	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	40	6,407	6,408	<b>9.46</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	41	7,102	7,103	<b>7.93</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	42	7,237	7,238	<b>7.65</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	43	7,437	7,438	<b>7.25</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	44	7,643	7,644	<b>6.84</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	45	8,136	8,136	<b>5.92</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	46	8,780	8,781	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	47	9,267	9,268	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	48	10,168	10,168	<b>2.65</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	49	12,439	12,439	<b>-0.24</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	50	13,047	13,047	<b>-0.91</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	51	13,874	13,874	<b>-1.77</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	52	13,067	13,068	<b>-0.93</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	53	13,802	13,803	<b>-1.69</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	54	14,161	14,161	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	55	14,012	14,013	<b>-1.90</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
	56	15,009	15,009	<b>-2.85</b>	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
	57	14,411	14,411	<b>-2.29</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	58	14,784	14,784	<b>-2.65</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	59	15,500	15,500	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	60	15,869	15,869	<b>-3.62</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00

Sum 34.81

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**

3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H317 H317

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,789	1,792	<b>27.05</b>	108.5	0.00	76.06	-	-	0.00	0.00	-	0.00
	2	1,648	1,651	<b>28.10</b>	108.5	0.00	75.35	-	-	0.00	0.00	-	0.00
	3	1,771	1,772	<b>27.19</b>	108.5	0.00	75.97	-	-	0.00	0.00	-	0.00
	4	951	956	<b>34.68</b>	108.5	0.00	70.61	-	-	0.00	0.00	-	0.00
	5	2,320	2,321	<b>23.62</b>	108.5	0.00	78.31	-	-	0.00	0.00	-	0.00
	6	1,655	1,656	<b>28.06</b>	108.5	0.00	75.38	-	-	0.00	0.00	-	0.00
	7	2,136	2,137	<b>24.73</b>	108.5	0.00	77.59	-	-	0.00	0.00	-	0.00
	8	3,139	3,140	<b>19.60</b>	108.5	0.00	80.94	-	-	0.00	0.00	-	0.00
	9	3,971	3,971	<b>16.41</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
	10	3,282	3,283	<b>19.01</b>	108.5	0.00	81.32	-	-	0.00	0.00	-	0.00
	11	974	978	<b>34.42</b>	108.5	0.00	70.80	-	-	0.00	0.00	-	0.00
	12	2,632	2,632	<b>21.87</b>	108.5	0.00	79.41	-	-	0.00	0.00	-	0.00
	13	4,178	4,178	<b>15.69</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	14	4,994	4,994	<b>13.13</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	15	5,745	5,746	<b>11.08</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	16	2,784	2,786	<b>21.15</b>	108.5	0.00	79.90	-	-	0.00	0.00	-	0.00
	17	2,992	2,993	<b>20.23</b>	108.5	0.00	80.52	-	-	0.00	0.00	-	0.00
	18	3,349	3,350	<b>18.74</b>	108.5	0.00	81.50	-	-	0.00	0.00	-	0.00
	19	4,220	4,220	<b>15.55</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	20	4,630	4,630	<b>14.23</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
	21	5,444	5,445	<b>11.87</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	22	6,735	6,736	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	23	7,752	7,752	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	24	3,863	3,864	<b>16.79</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	25	3,879	3,880	<b>16.73</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
	26	3,901	3,903	<b>16.65</b>	108.5	0.00	82.83	-	-	0.00	0.00	-	0.00
	27	4,802	4,803	<b>13.70</b>	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
	28	4,876	4,876	<b>13.48</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	29	5,001	5,002	<b>13.11</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
	30	5,512	5,513	<b>11.69</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	31	6,040	6,041	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	32	6,606	6,607	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	33	6,835	6,835	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	34	6,770	6,771	<b>8.64</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	35	8,164	8,164	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	36	5,790	5,791	<b>10.96</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	37	5,391	5,392	<b>12.01</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	38	6,406	6,407	<b>9.46</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	39	5,940	5,941	<b>10.58</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	40	5,856	5,857	<b>10.79</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	41	6,616	6,617	<b>8.99</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	42	6,623	6,624	<b>8.97</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	43	7,290	7,291	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	44	7,374	7,374	<b>7.37</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	45	7,792	7,793	<b>6.55</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	46	8,778	8,779	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	47	9,193	9,194	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	48	9,829	9,829	<b>3.14</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	49	12,015	12,016	<b>0.25</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	50	12,510	12,511	<b>-0.32</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	51	13,366	13,366	<b>-1.25</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	52	12,704	12,705	<b>-0.54</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	53	13,453	13,454	<b>-1.34</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	54	13,781	13,781	<b>-1.67</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	55	13,539	13,539	<b>-1.43</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	56	14,587	14,588	<b>-2.46</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	57	14,225	14,225	<b>-2.11</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	58	14,568	14,569	<b>-2.44</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	59	15,170	15,171	<b>-3.00</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	60	15,502	15,503	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
Sum		39.89											



Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:

6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area:** H318 H318

WTG No.	Distance [m]	Sound distance [m]	95% rated power									
			Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,388	2,390	<b>23.22</b>	108.5	0.00	78.57	-	-	0.00	0.00	-	0.00
2	2,139	2,141	<b>24.71</b>	108.5	0.00	77.61	-	-	0.00	0.00	-	0.00
3	2,029	2,030	<b>25.41</b>	108.5	0.00	77.15	-	-	0.00	0.00	-	0.00
4	1,431	1,435	<b>29.85</b>	108.5	0.00	74.14	-	-	0.00	0.00	-	0.00
5	2,101	2,102	<b>24.95</b>	108.5	0.00	77.45	-	-	0.00	0.00	-	0.00
6	1,122	1,124	<b>32.80</b>	108.5	0.00	72.02	-	-	0.00	0.00	-	0.00
7	1,731	1,732	<b>27.48</b>	108.5	0.00	75.77	-	-	0.00	0.00	-	0.00
8	2,623	2,624	<b>21.92</b>	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
9	3,466	3,467	<b>18.28</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
10	2,645	2,646	<b>21.80</b>	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
11	473	480	<b>42.18</b>	108.5	0.00	64.63	-	-	0.00	0.00	-	0.00
12	1,899	1,900	<b>26.29</b>	108.5	0.00	76.58	-	-	0.00	0.00	-	0.00
13	3,468	3,469	<b>18.27</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
14	4,264	4,265	<b>15.40</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
15	5,017	5,018	<b>13.06</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
16	2,148	2,150	<b>24.65</b>	108.5	0.00	77.65	-	-	0.00	0.00	-	0.00
17	2,296	2,298	<b>23.75</b>	108.5	0.00	78.23	-	-	0.00	0.00	-	0.00
18	2,630	2,632	<b>21.88</b>	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
19	3,532	3,533	<b>18.02</b>	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
20	3,907	3,908	<b>16.63</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
21	4,710	4,711	<b>13.98</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
22	6,000	6,001	<b>10.44</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
23	7,017	7,017	<b>8.11</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
24	3,716	3,718	<b>17.32</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
25	3,644	3,646	<b>17.59</b>	108.5	0.00	82.24	-	-	0.00	0.00	-	0.00
26	3,572	3,573	<b>17.87</b>	108.5	0.00	82.06	-	-	0.00	0.00	-	0.00
27	4,279	4,280	<b>15.35</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
28	4,208	4,209	<b>15.59</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
29	4,387	4,388	<b>15.00</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
30	4,824	4,825	<b>13.63</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
31	5,347	5,348	<b>12.13</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
32	5,914	5,915	<b>10.65</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
33	6,129	6,130	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
34	6,045	6,045	<b>10.33</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
35	7,430	7,431	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
36	5,623	5,624	<b>11.39</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
37	5,168	5,169	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
38	5,955	5,956	<b>10.54</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
39	5,430	5,431	<b>11.91</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
40	5,280	5,281	<b>12.32</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
41	6,065	6,066	<b>10.28</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
42	6,012	6,012	<b>10.41</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
43	6,913	6,914	<b>8.33</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
44	6,928	6,929	<b>8.30</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
45	7,304	7,305	<b>7.51</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
46	8,470	8,471	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
47	8,841	8,841	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
48	9,330	9,330	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
49	11,467	11,468	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
50	11,911	11,911	<b>0.38</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
51	12,777	12,777	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
52	12,184	12,184	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
53	12,938	12,938	<b>-0.79</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
54	13,249	13,249	<b>-1.12</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
55	12,965	12,965	<b>-0.82</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
56	14,035	14,035	<b>-1.93</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
57	13,789	13,790	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
58	14,117	14,117	<b>-2.01</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
59	14,660	14,660	<b>-2.53</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
60	14,974	14,974	<b>-2.82</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00

Sum 43.69

windPRO created by EMD International A/S, Tel: +45 96 35 44 44, www.emd.dk, windpro@emd.dk

7/5/2016 4:20 PM / 155

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H319 H319

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,514	3,516	<b>18.09</b>	108.5	0.00	81.92	-	-	0.00	0.00	-	0.00
2	3,160	3,162	<b>19.51</b>	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
3	2,789	2,790	<b>21.13</b>	108.5	0.00	79.91	-	-	0.00	0.00	-	0.00
4	2,536	2,539	<b>22.38</b>	108.5	0.00	79.09	-	-	0.00	0.00	-	0.00
5	2,104	2,106	<b>24.93</b>	108.5	0.00	77.47	-	-	0.00	0.00	-	0.00
6	957	961	<b>34.62</b>	108.5	0.00	70.65	-	-	0.00	0.00	-	0.00
7	1,476	1,479	<b>29.48</b>	108.5	0.00	74.40	-	-	0.00	0.00	-	0.00
8	1,824	1,825	<b>26.81</b>	108.5	0.00	76.23	-	-	0.00	0.00	-	0.00
9	2,597	2,598	<b>22.06</b>	108.5	0.00	79.29	-	-	0.00	0.00	-	0.00
10	1,511	1,513	<b>29.20</b>	108.5	0.00	74.60	-	-	0.00	0.00	-	0.00
11	1,208	1,212	<b>31.90</b>	108.5	0.00	72.67	-	-	0.00	0.00	-	0.00
12	578	584	<b>40.13</b>	108.5	0.00	66.33	-	-	0.00	0.00	-	0.00
13	2,143	2,144	<b>24.69</b>	108.5	0.00	77.63	-	-	0.00	0.00	-	0.00
14	2,929	2,930	<b>20.50</b>	108.5	0.00	80.34	-	-	0.00	0.00	-	0.00
15	3,680	3,681	<b>17.46</b>	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
16	1,532	1,536	<b>29.01</b>	108.5	0.00	74.73	-	-	0.00	0.00	-	0.00
17	1,363	1,367	<b>30.45</b>	108.5	0.00	73.71	-	-	0.00	0.00	-	0.00
18	1,512	1,515	<b>29.18</b>	108.5	0.00	74.61	-	-	0.00	0.00	-	0.00
19	2,524	2,525	<b>22.45</b>	108.5	0.00	79.05	-	-	0.00	0.00	-	0.00
20	2,712	2,714	<b>21.48</b>	108.5	0.00	79.67	-	-	0.00	0.00	-	0.00
21	3,429	3,430	<b>18.42</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
22	4,694	4,695	<b>14.03</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
23	5,700	5,700	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
24	4,048	4,050	<b>16.13</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
25	3,822	3,824	<b>16.93</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
26	3,567	3,569	<b>17.88</b>	108.5	0.00	82.05	-	-	0.00	0.00	-	0.00
27	3,757	3,759	<b>17.17</b>	108.5	0.00	82.50	-	-	0.00	0.00	-	0.00
28	3,246	3,248	<b>19.16</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
29	3,597	3,598	<b>17.77</b>	108.5	0.00	82.12	-	-	0.00	0.00	-	0.00
30	3,766	3,767	<b>17.14</b>	108.5	0.00	82.52	-	-	0.00	0.00	-	0.00
31	4,262	4,263	<b>15.41</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
32	4,823	4,824	<b>13.64</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
33	4,984	4,985	<b>13.16</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
34	4,814	4,815	<b>13.66</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
35	6,149	6,149	<b>10.07</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
36	5,802	5,803	<b>10.93</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
37	5,264	5,265	<b>12.36</b>	108.5	0.00	85.43	-	-	0.00	0.00	-	0.00
38	5,534	5,535	<b>11.63</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
39	4,884	4,886	<b>13.45</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
40	4,565	4,566	<b>14.43</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
41	5,392	5,393	<b>12.01</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
42	5,174	5,175	<b>12.61</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
43	6,627	6,629	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
44	6,489	6,490	<b>9.27</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
45	6,757	6,758	<b>8.67</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
46	8,294	8,295	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
47	8,566	8,567	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
48	8,725	8,725	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
49	10,727	10,727	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
50	11,039	11,040	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
51	11,928	11,928	<b>0.36</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
52	11,501	11,502	<b>0.87</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
53	12,262	12,263	<b>-0.04</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
54	12,535	12,536	<b>-0.35</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
55	12,151	12,152	<b>0.09</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
56	13,268	13,268	<b>-1.14</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
57	13,288	13,288	<b>-1.17</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
58	13,577	13,578	<b>-1.47</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
59	13,988	13,989	<b>-1.88</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
60	14,258	14,259	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00

Sum 43.46

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H320 H320

WTG		95% rated power										
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
1	3,737	3,738	17.25	108.5	0.00	82.45	-	-	0.00	0.00	-	0.00
2	3,448	3,449	18.35	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
3	3,196	3,197	19.36	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
4	2,763	2,765	21.24	108.5	0.00	79.83	-	-	0.00	0.00	-	0.00
5	2,721	2,722	21.44	108.5	0.00	79.70	-	-	0.00	0.00	-	0.00
6	1,518	1,520	29.14	108.5	0.00	74.64	-	-	0.00	0.00	-	0.00
7	2,119	2,120	24.84	108.5	0.00	77.53	-	-	0.00	0.00	-	0.00
8	2,513	2,514	22.51	108.5	0.00	79.01	-	-	0.00	0.00	-	0.00
9	3,268	3,268	19.07	108.5	0.00	81.29	-	-	0.00	0.00	-	0.00
10	2,125	2,126	24.80	108.5	0.00	77.55	-	-	0.00	0.00	-	0.00
11	1,474	1,476	29.50	108.5	0.00	74.38	-	-	0.00	0.00	-	0.00
12	873	876	35.67	108.5	0.00	69.85	-	-	0.00	0.00	-	0.00
13	2,497	2,498	22.61	108.5	0.00	78.95	-	-	0.00	0.00	-	0.00
14	3,113	3,114	19.71	108.5	0.00	80.87	-	-	0.00	0.00	-	0.00
15	3,866	3,867	16.78	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
16	907	912	35.22	108.5	0.00	70.20	-	-	0.00	0.00	-	0.00
17	934	939	34.89	108.5	0.00	70.45	-	-	0.00	0.00	-	0.00
18	1,280	1,282	31.22	108.5	0.00	73.16	-	-	0.00	0.00	-	0.00
19	2,172	2,174	24.50	108.5	0.00	77.75	-	-	0.00	0.00	-	0.00
20	2,562	2,563	22.25	108.5	0.00	79.18	-	-	0.00	0.00	-	0.00
21	3,415	3,416	18.48	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
22	4,728	4,728	13.93	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
23	5,761	5,762	11.04	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
24	3,368	3,370	18.66	108.5	0.00	81.55	-	-	0.00	0.00	-	0.00
25	3,131	3,132	19.63	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
26	2,873	2,875	20.75	108.5	0.00	80.17	-	-	0.00	0.00	-	0.00
27	3,151	3,153	19.55	108.5	0.00	80.97	-	-	0.00	0.00	-	0.00
28	2,861	2,862	20.80	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
29	3,104	3,105	19.75	108.5	0.00	80.84	-	-	0.00	0.00	-	0.00
30	3,462	3,463	18.29	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
31	3,984	3,985	16.36	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
32	4,551	4,551	14.47	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
33	4,766	4,767	13.81	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
34	4,704	4,705	14.00	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
35	6,121	6,121	10.14	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
36	5,107	5,109	12.80	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
37	4,569	4,570	14.42	108.5	0.00	84.20	-	-	0.00	0.00	-	0.00
38	4,911	4,912	13.37	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
39	4,296	4,297	15.30	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
40	4,042	4,043	16.16	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
41	4,855	4,856	13.54	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
42	4,718	4,719	13.95	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
43	5,977	5,978	10.49	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
44	5,874	5,876	10.75	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
45	6,177	6,178	10.00	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
46	7,628	7,629	6.87	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
47	7,918	7,919	6.32	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
48	8,171	8,172	5.85	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
49	10,233	10,234	2.55	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
50	10,614	10,615	2.02	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
51	11,491	11,491	0.89	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
52	10,983	10,984	1.53	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
53	11,742	11,742	0.58	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
54	12,032	12,032	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
55	11,695	11,696	0.63	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
56	12,789	12,790	-0.63	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
57	12,705	12,705	-0.54	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
58	13,007	13,008	-0.87	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
59	13,468	13,468	-1.35	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
60	13,757	13,758	-1.65	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00

Sum 42.15



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H321 H321

WTG	95% rated power												
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	4,229	4,231	<b>15.52</b>	108.5	0.00	83.53	-	-	0.00	0.00	-	0.00
	2	3,822	3,823	<b>16.94</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	3	3,322	3,323	<b>18.85</b>	108.5	0.00	81.43	-	-	0.00	0.00	-	0.00
	4	3,286	3,288	<b>18.99</b>	108.5	0.00	81.34	-	-	0.00	0.00	-	0.00
	5	2,270	2,272	<b>23.91</b>	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
	6	1,508	1,511	<b>29.21</b>	108.5	0.00	74.58	-	-	0.00	0.00	-	0.00
	7	1,659	1,662	<b>28.02</b>	108.5	0.00	75.41	-	-	0.00	0.00	-	0.00
	8	1,360	1,363	<b>30.48</b>	108.5	0.00	73.69	-	-	0.00	0.00	-	0.00
	9	1,927	1,929	<b>26.09</b>	108.5	0.00	76.71	-	-	0.00	0.00	-	0.00
	10	707	711	<b>37.99</b>	108.5	0.00	68.04	-	-	0.00	0.00	-	0.00
	11	2,037	2,039	<b>25.36</b>	108.5	0.00	77.19	-	-	0.00	0.00	-	0.00
	12	635	640	<b>39.14</b>	108.5	0.00	67.13	-	-	0.00	0.00	-	0.00
	13	1,205	1,208	<b>31.95</b>	108.5	0.00	72.64	-	-	0.00	0.00	-	0.00
	14	2,093	2,095	<b>25.00</b>	108.5	0.00	77.42	-	-	0.00	0.00	-	0.00
	15	2,820	2,821	<b>20.99</b>	108.5	0.00	80.01	-	-	0.00	0.00	-	0.00
	16	2,019	2,022	<b>25.47</b>	108.5	0.00	77.12	-	-	0.00	0.00	-	0.00
	17	1,611	1,614	<b>28.39</b>	108.5	0.00	75.16	-	-	0.00	0.00	-	0.00
	18	1,447	1,450	<b>29.72</b>	108.5	0.00	74.23	-	-	0.00	0.00	-	0.00
	19	2,409	2,411	<b>23.10</b>	108.5	0.00	78.64	-	-	0.00	0.00	-	0.00
	20	2,286	2,288	<b>23.81</b>	108.5	0.00	78.19	-	-	0.00	0.00	-	0.00
	21	2,777	2,778	<b>21.18</b>	108.5	0.00	79.88	-	-	0.00	0.00	-	0.00
	22	3,949	3,949	<b>16.49</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	23	4,911	4,911	<b>13.38</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	24	4,792	4,794	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	25	4,506	4,508	<b>14.61</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	26	4,172	4,173	<b>15.71</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
	27	4,011	4,012	<b>16.26</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	28	3,114	3,115	<b>19.71</b>	108.5	0.00	80.87	-	-	0.00	0.00	-	0.00
	29	3,624	3,625	<b>17.67</b>	108.5	0.00	82.19	-	-	0.00	0.00	-	0.00
	30	3,474	3,476	<b>18.24</b>	108.5	0.00	81.82	-	-	0.00	0.00	-	0.00
	31	3,910	3,911	<b>16.62</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
	32	4,442	4,443	<b>14.82</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	33	4,523	4,524	<b>14.56</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
	34	4,222	4,223	<b>15.54</b>	108.5	0.00	83.51	-	-	0.00	0.00	-	0.00
	35	5,440	5,441	<b>11.88</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	36	6,425	6,426	<b>9.42</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	37	5,855	5,856	<b>10.80</b>	108.5	0.00	86.35	-	-	0.00	0.00	-	0.00
	38	5,782	5,783	<b>10.98</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	39	5,059	5,060	<b>12.94</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	40	4,607	4,608	<b>14.30</b>	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
	41	5,439	5,440	<b>11.88</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	42	5,073	5,074	<b>12.90</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
	43	6,945	6,946	<b>8.26</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	44	6,696	6,698	<b>8.80</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	45	6,873	6,874	<b>8.42</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	46	8,658	8,659	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	47	8,858	8,859	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	48	8,758	8,759	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	49	10,620	10,620	<b>2.02</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	50	10,807	10,808	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	51	11,711	11,711	<b>0.62</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	52	11,440	11,440	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	53	12,201	12,202	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	54	12,439	12,440	<b>-0.24</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	55	11,967	11,967	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	56	13,119	13,119	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	57	13,364	13,365	<b>-1.25</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	58	13,623	13,623	<b>-1.51</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	59	13,920	13,920	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	60	14,151	14,151	<b>-2.04</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00

Sum 43.73

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7/5/2016 4:20 PM / 158

windPRO 

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H322 H322

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,195	5,196	<b>12.55</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	2	4,792	4,793	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	3	4,292	4,293	<b>15.31</b>	108.5	0.00	83.66	-	-	0.00	0.00	-	0.00
	4	4,243	4,244	<b>15.47</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
	5	3,192	3,193	<b>19.38</b>	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
	6	2,476	2,477	<b>22.72</b>	108.5	0.00	78.88	-	-	0.00	0.00	-	0.00
	7	2,607	2,608	<b>22.00</b>	108.5	0.00	79.33	-	-	0.00	0.00	-	0.00
	8	2,070	2,072	<b>25.15</b>	108.5	0.00	77.33	-	-	0.00	0.00	-	0.00
	9	2,333	2,334	<b>23.54</b>	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
	10	1,284	1,286	<b>31.19</b>	108.5	0.00	73.19	-	-	0.00	0.00	-	0.00
	11	2,961	2,962	<b>20.36</b>	108.5	0.00	80.43	-	-	0.00	0.00	-	0.00
	12	1,248	1,251	<b>31.52</b>	108.5	0.00	72.94	-	-	0.00	0.00	-	0.00
	13	515	521	<b>41.32</b>	108.5	0.00	65.34	-	-	0.00	0.00	-	0.00
	14	1,140	1,143	<b>32.60</b>	108.5	0.00	72.16	-	-	0.00	0.00	-	0.00
	15	1,887	1,889	<b>26.37</b>	108.5	0.00	76.52	-	-	0.00	0.00	-	0.00
	16	2,199	2,201	<b>24.33</b>	108.5	0.00	77.85	-	-	0.00	0.00	-	0.00
	17	1,681	1,684	<b>27.85</b>	108.5	0.00	75.53	-	-	0.00	0.00	-	0.00
	18	1,276	1,279	<b>31.25</b>	108.5	0.00	73.14	-	-	0.00	0.00	-	0.00
	19	1,917	1,920	<b>26.15</b>	108.5	0.00	76.67	-	-	0.00	0.00	-	0.00
	20	1,511	1,514	<b>29.19</b>	108.5	0.00	74.60	-	-	0.00	0.00	-	0.00
	21	1,825	1,827	<b>26.80</b>	108.5	0.00	76.23	-	-	0.00	0.00	-	0.00
	22	2,977	2,978	<b>20.29</b>	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
	23	3,946	3,947	<b>16.50</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	24	5,022	5,024	<b>13.05</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	25	4,668	4,669	<b>14.11</b>	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
	26	4,253	4,254	<b>15.44</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	27	3,727	3,729	<b>17.28</b>	108.5	0.00	82.43	-	-	0.00	0.00	-	0.00
	28	2,527	2,529	<b>22.44</b>	108.5	0.00	79.06	-	-	0.00	0.00	-	0.00
	29	3,146	3,148	<b>19.57</b>	108.5	0.00	80.96	-	-	0.00	0.00	-	0.00
	30	2,729	2,731	<b>21.40</b>	108.5	0.00	79.73	-	-	0.00	0.00	-	0.00
	31	3,103	3,105	<b>19.75</b>	108.5	0.00	80.84	-	-	0.00	0.00	-	0.00
	32	3,603	3,604	<b>17.75</b>	108.5	0.00	82.14	-	-	0.00	0.00	-	0.00
	33	3,635	3,637	<b>17.63</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	34	3,277	3,278	<b>19.03</b>	108.5	0.00	81.31	-	-	0.00	0.00	-	0.00
	35	4,468	4,469	<b>14.74</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
	36	6,456	6,457	<b>9.35</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	37	5,860	5,861	<b>10.78</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	38	5,423	5,424	<b>11.92</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	39	4,652	4,654	<b>14.16</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
	40	4,094	4,096	<b>15.97</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
	41	4,904	4,905	<b>13.39</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	42	4,423	4,424	<b>14.88</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
	43	6,629	6,630	<b>8.95</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
	44	6,279	6,280	<b>9.76</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	45	6,369	6,370	<b>9.55</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	46	8,363	8,364	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	47	8,489	8,490	<b>5.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	48	8,160	8,161	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	49	9,902	9,903	<b>3.03</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	50	10,006	10,007	<b>2.88</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	51	10,916	10,917	<b>1.62</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	52	10,751	10,752	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	53	11,510	11,510	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	54	11,721	11,722	<b>0.60</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	55	11,192	11,192	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	56	12,364	12,364	<b>-0.15</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	57	12,774	12,775	<b>-0.61</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	58	13,006	13,007	<b>-0.87</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	59	13,217	13,218	<b>-1.09</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	60	13,420	13,421	<b>-1.30</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
Sum		43.96											

Project:

**20162030 Westwood Red Pine**

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H323 H323

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,004	6,005	<b>10.43</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	2	5,610	5,611	<b>11.43</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
	3	5,124	5,125	<b>12.76</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	4	5,041	5,043	<b>12.99</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	5	4,026	4,027	<b>16.21</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
	6	3,293	3,294	<b>18.97</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
	7	3,444	3,445	<b>18.36</b>	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
	8	2,859	2,860	<b>20.81</b>	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
	9	2,991	2,992	<b>20.23</b>	108.5	0.00	80.52	-	-	0.00	0.00	-	0.00
	10	2,080	2,081	<b>25.09</b>	108.5	0.00	77.37	-	-	0.00	0.00	-	0.00
	11	3,737	3,738	<b>17.25</b>	108.5	0.00	82.45	-	-	0.00	0.00	-	0.00
	12	1,964	1,966	<b>25.84</b>	108.5	0.00	76.87	-	-	0.00	0.00	-	0.00
	13	951	955	<b>34.70</b>	108.5	0.00	70.60	-	-	0.00	0.00	-	0.00
	14	525	532	<b>41.12</b>	108.5	0.00	65.51	-	-	0.00	0.00	-	0.00
	15	1,235	1,237	<b>31.66</b>	108.5	0.00	72.85	-	-	0.00	0.00	-	0.00
	16	2,530	2,532	<b>22.42</b>	108.5	0.00	79.07	-	-	0.00	0.00	-	0.00
	17	2,018	2,020	<b>25.48</b>	108.5	0.00	77.11	-	-	0.00	0.00	-	0.00
	18	1,541	1,544	<b>28.94</b>	108.5	0.00	74.77	-	-	0.00	0.00	-	0.00
	19	1,689	1,692	<b>27.79</b>	108.5	0.00	75.57	-	-	0.00	0.00	-	0.00
	20	986	990	<b>34.28</b>	108.5	0.00	70.91	-	-	0.00	0.00	-	0.00
	21	992	996	<b>34.20</b>	108.5	0.00	70.97	-	-	0.00	0.00	-	0.00
	22	2,163	2,165	<b>24.56</b>	108.5	0.00	77.71	-	-	0.00	0.00	-	0.00
	23	3,161	3,161	<b>19.51</b>	108.5	0.00	81.00	-	-	0.00	0.00	-	0.00
	24	5,222	5,224	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	25	4,822	4,823	<b>13.64</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	26	4,355	4,357	<b>15.10</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	27	3,532	3,534	<b>18.02</b>	108.5	0.00	81.97	-	-	0.00	0.00	-	0.00
	28	2,108	2,110	<b>24.90</b>	108.5	0.00	77.49	-	-	0.00	0.00	-	0.00
	29	2,797	2,799	<b>21.09</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
	30	2,113	2,115	<b>24.87</b>	108.5	0.00	77.51	-	-	0.00	0.00	-	0.00
	31	2,403	2,405	<b>23.13</b>	108.5	0.00	78.62	-	-	0.00	0.00	-	0.00
	32	2,860	2,862	<b>20.81</b>	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
	33	2,846	2,848	<b>20.87</b>	108.5	0.00	80.09	-	-	0.00	0.00	-	0.00
	34	2,445	2,447	<b>22.89</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	35	3,642	3,643	<b>17.60</b>	108.5	0.00	82.23	-	-	0.00	0.00	-	0.00
	36	6,455	6,457	<b>9.35</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	37	5,850	5,851	<b>10.81</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
	38	5,101	5,102	<b>12.82</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	39	4,305	4,307	<b>15.26</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
	40	3,665	3,666	<b>17.52</b>	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
	41	4,430	4,431	<b>14.86</b>	108.5	0.00	83.93	-	-	0.00	0.00	-	0.00
	42	3,850	3,851	<b>16.84</b>	108.5	0.00	82.71	-	-	0.00	0.00	-	0.00
	43	6,323	6,324	<b>9.66</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	44	5,887	5,889	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	45	5,897	5,899	<b>10.69</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	46	8,054	8,055	<b>6.06</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	47	8,115	8,116	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	48	7,590	7,591	<b>6.94</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	49	9,224	9,225	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	50	9,262	9,263	<b>4.01</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	51	10,176	10,176	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	52	10,094	10,095	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	53	10,848	10,849	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	54	11,039	11,039	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	55	10,466	10,466	<b>2.23</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	56	11,651	11,651	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	57	12,191	12,192	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	58	12,401	12,402	<b>-0.20</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	59	12,544	12,544	<b>-0.36</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	60	12,725	12,725	<b>-0.56</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
Sum		44.48											

Project:

20162030 Westwood Red Pine

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6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H324 H324

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,930	6,931	<b>8.30</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	2	6,496	6,497	<b>9.26</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
	3	5,919	5,920	<b>10.63</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	4	6,018	6,019	<b>10.39</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	5	4,652	4,653	<b>14.16</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	6	4,233	4,234	<b>15.51</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	7	4,181	4,182	<b>15.68</b>	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
	8	3,309	3,310	<b>18.90</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00
	9	3,053	3,055	<b>19.96</b>	108.5	0.00	80.70	-	-	0.00	0.00	-	0.00
	10	2,674	2,675	<b>21.66</b>	108.5	0.00	79.55	-	-	0.00	0.00	-	0.00
	11	4,798	4,799	<b>13.71</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	12	3,149	3,151	<b>19.56</b>	108.5	0.00	80.97	-	-	0.00	0.00	-	0.00
	13	1,557	1,560	<b>28.82</b>	108.5	0.00	74.86	-	-	0.00	0.00	-	0.00
	14	904	909	<b>35.25</b>	108.5	0.00	70.18	-	-	0.00	0.00	-	0.00
	15	474	482	<b>42.14</b>	108.5	0.00	64.67	-	-	0.00	0.00	-	0.00
	16	3,943	3,945	<b>16.50</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	17	3,424	3,425	<b>18.44</b>	108.5	0.00	81.69	-	-	0.00	0.00	-	0.00
	18	2,953	2,955	<b>20.40</b>	108.5	0.00	80.41	-	-	0.00	0.00	-	0.00
	19	3,050	3,052	<b>19.97</b>	108.5	0.00	80.69	-	-	0.00	0.00	-	0.00
	20	2,250	2,252	<b>24.02</b>	108.5	0.00	78.05	-	-	0.00	0.00	-	0.00
	21	1,542	1,545	<b>28.94</b>	108.5	0.00	74.78	-	-	0.00	0.00	-	0.00
	22	1,719	1,722	<b>27.56</b>	108.5	0.00	75.72	-	-	0.00	0.00	-	0.00
	23	2,393	2,395	<b>23.19</b>	108.5	0.00	78.59	-	-	0.00	0.00	-	0.00
	24	6,650	6,651	<b>8.91</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	25	6,245	6,246	<b>9.84</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	26	5,771	5,772	<b>11.01</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
	27	4,836	4,838	<b>13.59</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
	28	3,309	3,311	<b>18.90</b>	108.5	0.00	81.40	-	-	0.00	0.00	-	0.00
	29	4,013	4,015	<b>16.25</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	30	3,060	3,062	<b>19.93</b>	108.5	0.00	80.72	-	-	0.00	0.00	-	0.00
	31	3,131	3,133	<b>19.63</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
	32	3,401	3,402	<b>18.53</b>	108.5	0.00	81.64	-	-	0.00	0.00	-	0.00
	33	3,197	3,199	<b>19.36</b>	108.5	0.00	81.10	-	-	0.00	0.00	-	0.00
	34	2,516	2,519	<b>22.49</b>	108.5	0.00	79.02	-	-	0.00	0.00	-	0.00
	35	3,128	3,129	<b>19.65</b>	108.5	0.00	80.91	-	-	0.00	0.00	-	0.00
	36	7,828	7,829	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	37	7,221	7,223	<b>7.68</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
	38	6,263	6,265	<b>9.80</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	39	5,463	5,465	<b>11.82</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	40	4,755	4,757	<b>13.84</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
	41	5,432	5,434	<b>11.90</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	42	4,722	4,724	<b>13.94</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	43	7,480	7,481	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	44	6,957	6,958	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	45	6,861	6,862	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	46	9,188	9,189	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	47	9,172	9,173	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	48	8,351	8,352	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	49	9,711	9,712	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	50	9,540	9,541	<b>3.57</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	51	10,454	10,454	<b>2.24</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	52	10,625	10,626	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	53	11,360	11,361	<b>1.05</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	54	11,492	11,492	<b>0.89</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	55	10,790	10,791	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	56	12,007	12,008	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	57	12,874	12,874	<b>-0.72</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	58	13,035	13,036	<b>-0.90</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	59	13,008	13,009	<b>-0.87</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	60	13,125	13,126	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00

Sum 43.82

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H325 H325

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,586	7,587	6.95	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
2	7,151	7,152	7.83	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
3	6,570	6,571	9.09	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
4	6,675	6,676	8.85	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
5	5,293	5,294	12.28	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
6	4,890	4,891	13.44	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
7	4,832	4,833	13.61	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
8	3,941	3,942	16.51	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
9	3,629	3,630	17.65	108.5	0.00	82.20	-	-	0.00	0.00	-	0.00
10	3,325	3,326	18.84	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
11	5,451	5,452	11.85	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
12	3,784	3,785	17.08	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
13	2,212	2,214	24.26	108.5	0.00	77.90	-	-	0.00	0.00	-	0.00
14	1,459	1,463	29.62	108.5	0.00	74.30	-	-	0.00	0.00	-	0.00
15	748	754	37.36	108.5	0.00	68.54	-	-	0.00	0.00	-	0.00
16	4,495	4,496	14.65	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
17	3,984	3,986	16.36	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
18	3,507	3,509	18.12	108.5	0.00	81.90	-	-	0.00	0.00	-	0.00
19	3,466	3,468	18.27	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
20	2,643	2,645	21.81	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
21	1,767	1,770	27.20	108.5	0.00	75.96	-	-	0.00	0.00	-	0.00
22	1,407	1,411	30.06	108.5	0.00	73.99	-	-	0.00	0.00	-	0.00
23	1,845	1,847	26.65	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
24	7,131	7,133	7.87	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
25	6,711	6,713	8.77	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
26	6,221	6,223	9.90	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
27	5,171	5,173	12.62	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
28	3,612	3,613	17.71	108.5	0.00	82.16	-	-	0.00	0.00	-	0.00
29	4,302	4,304	15.27	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
30	3,242	3,244	19.17	108.5	0.00	81.22	-	-	0.00	0.00	-	0.00
31	3,204	3,206	19.32	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
32	3,369	3,371	18.66	108.5	0.00	81.56	-	-	0.00	0.00	-	0.00
33	3,091	3,093	19.80	108.5	0.00	80.81	-	-	0.00	0.00	-	0.00
34	2,342	2,344	23.48	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
35	2,646	2,647	21.79	108.5	0.00	79.46	-	-	0.00	0.00	-	0.00
36	8,205	8,206	5.79	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
37	7,600	7,602	6.92	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
38	6,478	6,479	9.30	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
39	5,685	5,687	11.23	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
40	4,949	4,951	13.26	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
41	5,562	5,563	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
42	4,797	4,799	13.71	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
43	7,678	7,679	6.77	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
44	7,104	7,105	7.93	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
45	6,946	6,947	8.26	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
46	9,358	9,359	3.85	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
47	9,293	9,294	3.96	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
48	8,310	8,311	5.60	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
49	9,525	9,526	3.60	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
50	9,263	9,264	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
51	10,171	10,171	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
52	10,454	10,455	2.24	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
53	11,176	11,177	1.28	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
54	11,280	11,281	1.15	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
55	10,526	10,527	2.15	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
56	11,750	11,751	0.57	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
57	12,766	12,767	-0.60	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
58	12,903	12,904	-0.75	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
59	12,796	12,796	-0.64	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
60	12,883	12,884	-0.73	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00

Sum 40.13

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H326 H326

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,742	7,743	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	2	7,285	7,287	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	3	6,656	6,657	<b>8.90</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	4	6,888	6,890	<b>8.38</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	5	5,316	5,317	<b>12.22</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	6	5,136	5,137	<b>12.72</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
	7	4,950	4,951	<b>13.26</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	8	3,954	3,955	<b>16.46</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
	9	3,448	3,450	<b>18.35</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
	10	3,490	3,491	<b>18.18</b>	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	11	5,760	5,762	<b>11.04</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	12	4,246	4,247	<b>15.46</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
	13	2,598	2,601	<b>22.04</b>	108.5	0.00	79.30	-	-	0.00	0.00	-	0.00
	14	2,157	2,160	<b>24.59</b>	108.5	0.00	77.69	-	-	0.00	0.00	-	0.00
	15	1,614	1,618	<b>28.35</b>	108.5	0.00	75.18	-	-	0.00	0.00	-	0.00
	16	5,166	5,168	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	17	4,643	4,645	<b>14.18</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
	18	4,180	4,182	<b>15.68</b>	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
	19	4,306	4,308	<b>15.26</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	20	3,499	3,501	<b>18.15</b>	108.5	0.00	81.88	-	-	0.00	0.00	-	0.00
	21	2,705	2,708	<b>21.51</b>	108.5	0.00	79.65	-	-	0.00	0.00	-	0.00
	22	2,339	2,342	<b>23.49</b>	108.5	0.00	78.39	-	-	0.00	0.00	-	0.00
	23	2,499	2,502	<b>22.59</b>	108.5	0.00	78.96	-	-	0.00	0.00	-	0.00
	24	7,902	7,903	<b>6.35</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	25	7,501	7,502	<b>7.12</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	26	7,029	7,030	<b>8.08</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	27	6,074	6,076	<b>10.25</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	28	4,530	4,532	<b>14.54</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
	29	5,230	5,231	<b>12.46</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	30	4,207	4,209	<b>15.59</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	31	4,189	4,191	<b>15.65</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
	32	4,353	4,355	<b>15.11</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	33	4,064	4,066	<b>16.08</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00
	34	3,303	3,305	<b>18.92</b>	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
	35	3,361	3,363	<b>18.69</b>	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
	36	9,080	9,082	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	37	8,474	8,475	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	38	7,439	7,441	<b>7.24</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	39	6,644	6,645	<b>8.92</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	40	5,915	5,917	<b>10.64</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
	41	6,543	6,544	<b>9.15</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	42	5,783	5,785	<b>10.98</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	43	8,646	8,647	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	44	8,083	8,085	<b>6.01</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	45	7,932	7,934	<b>6.29</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	46	10,334	10,335	<b>2.41</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	47	10,277	10,278	<b>2.49</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	48	9,285	9,286	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	49	10,444	10,445	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	50	10,122	10,123	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	51	11,022	11,023	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	52	11,380	11,381	<b>1.02</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	53	12,094	12,095	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	54	12,181	12,182	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	55	11,391	11,392	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	56	12,619	12,620	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	57	13,718	13,719	<b>-1.61</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	58	13,844	13,845	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	59	13,694	13,695	<b>-1.59</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	60	13,762	13,763	<b>-1.65</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00

Sum 34.18

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area: H327 H327**

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,699	8,700	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
2	8,251	8,252	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
3	7,641	7,642	<b>6.84</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
4	7,815	7,816	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
5	6,321	6,322	<b>9.66</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
6	6,039	6,040	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
7	5,915	5,917	<b>10.64</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
8	4,955	4,956	<b>13.24</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
9	4,501	4,502	<b>14.63</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
10	4,423	4,424	<b>14.88</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
11	6,629	6,630	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
12	5,003	5,004	<b>13.10</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
13	3,394	3,395	<b>18.56</b>	108.5	0.00	81.62	-	-	0.00	0.00	-	0.00
14	2,698	2,701	<b>21.54</b>	108.5	0.00	79.63	-	-	0.00	0.00	-	0.00
15	1,975	1,978	<b>25.76</b>	108.5	0.00	76.92	-	-	0.00	0.00	-	0.00
16	5,730	5,732	<b>11.11</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
17	5,222	5,223	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
18	4,745	4,746	<b>13.87</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
19	4,647	4,648	<b>14.17</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
20	3,822	3,824	<b>16.94</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
21	2,881	2,883	<b>20.71</b>	108.5	0.00	80.20	-	-	0.00	0.00	-	0.00
22	2,009	2,012	<b>25.53</b>	108.5	0.00	77.07	-	-	0.00	0.00	-	0.00
23	1,721	1,724	<b>27.54</b>	108.5	0.00	75.73	-	-	0.00	0.00	-	0.00
24	8,333	8,334	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
25	7,904	7,905	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
26	7,405	7,406	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
27	6,271	6,272	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
28	4,707	4,708	<b>13.99</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
29	5,372	5,374	<b>12.06</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
30	4,239	4,241	<b>15.48</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
31	4,085	4,087	<b>16.00</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
32	4,107	4,109	<b>15.93</b>	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
33	3,743	3,745	<b>17.22</b>	108.5	0.00	82.47	-	-	0.00	0.00	-	0.00
34	2,966	2,969	<b>20.33</b>	108.5	0.00	80.45	-	-	0.00	0.00	-	0.00
35	2,574	2,576	<b>22.18</b>	108.5	0.00	79.22	-	-	0.00	0.00	-	0.00
36	9,323	9,324	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
37	8,722	8,723	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
38	7,438	7,439	<b>7.24</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
39	6,665	6,667	<b>8.87</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
40	5,911	5,912	<b>10.65</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
41	6,433	6,435	<b>9.40</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
42	5,618	5,620	<b>11.40</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
43	8,606	8,608	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
44	7,974	7,976	<b>6.21</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
45	7,736	7,738	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
46	10,238	10,239	<b>2.55</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
47	10,107	10,108	<b>2.73</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
48	8,892	8,894	<b>4.60</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
49	9,839	9,840	<b>3.12</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
50	9,399	9,400	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
51	10,284	10,285	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
52	10,786	10,787	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
53	11,478	11,479	<b>0.90</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
54	11,527	11,528	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
55	10,673	10,675	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
56	11,903	11,904	<b>0.38</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
57	13,196	13,196	<b>-1.07</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
58	13,287	13,288	<b>-1.17</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
59	13,029	13,030	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
60	13,059	13,059	<b>-0.92</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00

Sum 34.00

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H328 H328

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,354	9,355	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
2	8,896	8,897	<b>4.60</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
3	8,261	8,262	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
4	8,502	8,503	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
5	6,913	6,915	<b>8.33</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
6	6,746	6,747	<b>8.69</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
7	6,562	6,563	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
8	5,557	5,558	<b>11.57</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
9	5,005	5,006	<b>13.10</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
10	5,103	5,104	<b>12.82</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
11	7,364	7,365	<b>7.39</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
12	5,801	5,802	<b>10.93</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
13	4,164	4,166	<b>15.74</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
14	3,554	3,556	<b>17.93</b>	108.5	0.00	82.02	-	-	0.00	0.00	-	0.00
15	2,855	2,857	<b>20.83</b>	108.5	0.00	80.12	-	-	0.00	0.00	-	0.00
16	6,599	6,601	<b>9.02</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
17	6,085	6,087	<b>10.22</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
18	5,610	5,612	<b>11.43</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
19	5,548	5,549	<b>11.59</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
20	4,723	4,724	<b>13.94</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
21	3,786	3,788	<b>17.07</b>	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
22	2,867	2,870	<b>20.77</b>	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
23	2,373	2,375	<b>23.30</b>	108.5	0.00	78.51	-	-	0.00	0.00	-	0.00
24	9,229	9,231	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
25	8,804	8,805	<b>4.75</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
26	8,307	8,308	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
27	7,175	7,177	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
28	5,612	5,613	<b>11.42</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
29	6,275	6,276	<b>9.77</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
30	5,134	5,135	<b>12.73</b>	108.5	0.00	85.21	-	-	0.00	0.00	-	0.00
31	4,959	4,961	<b>13.23</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
32	4,945	4,947	<b>13.27</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
33	4,560	4,562	<b>14.44</b>	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
34	3,794	3,796	<b>17.04</b>	108.5	0.00	82.59	-	-	0.00	0.00	-	0.00
35	3,148	3,150	<b>19.56</b>	108.5	0.00	80.97	-	-	0.00	0.00	-	0.00
36	10,227	10,229	<b>2.56</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
37	9,627	9,628	<b>3.44</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
38	8,317	8,319	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
39	7,551	7,552	<b>7.02</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
40	6,794	6,795	<b>8.59</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
41	7,292	7,294	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
42	6,466	6,467	<b>9.32</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
43	9,475	9,477	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
44	8,828	8,829	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
45	8,564	8,565	<b>5.16</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
46	11,089	11,090	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
47	10,936	10,937	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
48	9,632	9,633	<b>3.43</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
49	10,440	10,441	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
50	9,903	9,904	<b>3.03</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
51	10,768	10,769	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
52	11,392	11,393	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
53	12,063	12,064	<b>0.19</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
54	12,082	12,083	<b>0.17</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
55	11,175	11,176	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
56	12,400	12,401	<b>-0.20</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
57	13,843	13,844	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
58	13,910	13,911	<b>-1.80</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
59	13,569	13,570	<b>-1.46</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
60	13,564	13,565	<b>-1.45</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00

Sum 30.46



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H330 H330

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	11,340	11,341	1.07	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00	
2	10,882	10,883	1.67	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00	
3	10,245	10,246	2.54	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00	
4	10,486	10,488	2.20	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00	
5	8,894	8,895	4.60	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00	
6	8,727	8,728	4.88	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00	
7	8,548	8,549	5.18	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00	
8	7,540	7,542	7.04	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00	
9	6,968	6,970	8.21	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00	
10	7,087	7,088	7.96	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00	
11	9,336	9,338	3.89	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00	
12	7,735	7,736	6.66	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00	
13	6,116	6,117	10.15	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00	
14	5,422	5,424	11.93	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00	
15	4,682	4,684	14.06	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00	
16	8,429	8,430	5.39	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00	
17	7,929	7,930	6.30	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00	
18	7,451	7,452	7.22	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00	
19	7,247	7,249	7.63	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00	
20	6,437	6,439	9.39	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00	
21	5,456	5,458	11.83	108.5	0.00	85.74	-	-	0.00	0.00	-	0.00	
22	4,290	4,292	15.31	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00	
23	3,418	3,420	18.46	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00	
24	10,936	10,937	1.59	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00	
25	10,492	10,493	2.19	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00	
26	9,978	9,980	2.92	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00	
27	8,710	8,711	4.91	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00	
28	7,182	7,184	7.76	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00	
29	7,789	7,790	6.56	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00	
30	6,602	6,604	9.01	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00	
31	6,311	6,312	9.68	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00	
32	6,143	6,145	10.08	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00	
33	5,710	5,712	11.16	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00	
34	5,035	5,037	13.01	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00	
35	3,858	3,861	16.80	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00	
36	11,747	11,749	0.57	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00	
37	11,161	11,163	1.30	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00	
38	9,611	9,613	3.46	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00	
39	8,896	8,898	4.60	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00	
40	8,139	8,141	5.91	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00	
41	8,496	8,497	5.27	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00	
42	7,643	7,645	6.84	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00	
43	10,690	10,692	1.92	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00	
44	9,973	9,974	2.93	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00	
45	9,601	9,603	3.48	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00	
46	12,191	12,192	0.04	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00	
47	11,938	11,939	0.34	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00	
48	10,326	10,327	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00	
49	10,701	10,702	1.91	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00	
50	9,918	9,919	3.01	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00	
51	10,709	10,710	1.90	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00	
52	11,644	11,646	0.70	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00	
53	12,246	12,248	-0.02	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00	
54	12,180	12,181	0.06	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00	
55	11,153	11,154	1.31	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00	
56	12,343	12,344	-0.13	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00	
57	14,176	14,178	-2.07	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00	
58	14,171	14,172	-2.06	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00	
59	13,605	13,606	-1.49	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00	
60	13,508	13,509	-1.40	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00	
Sum	26.11												

Project:

20162030 Westwood Red Pine

Licensed user:

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3100 DeMers Avenue  
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+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H331 H331

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,386	11,387	1.02	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
2	10,926	10,927	1.61	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
3	10,284	10,285	2.48	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
4	10,541	10,542	2.12	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
5	8,930	8,931	4.54	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
6	8,787	8,788	4.78	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
7	8,595	8,596	5.10	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
8	7,580	7,581	6.96	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
9	6,992	6,993	8.16	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
10	7,142	7,144	7.85	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
11	9,403	9,404	3.78	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
12	7,818	7,819	6.51	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
13	6,192	6,193	9.97	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
14	5,519	5,521	11.67	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
15	4,784	4,786	13.75	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
16	8,537	8,538	5.20	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
17	8,034	8,035	6.10	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
18	7,556	7,557	7.01	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
19	7,373	7,374	7.37	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
20	6,560	6,561	9.11	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
21	5,582	5,583	11.50	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
22	4,433	4,435	14.85	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
23	3,578	3,580	17.84	108.5	0.00	82.08	-	-	0.00	0.00	-	0.00
24	11,064	11,065	1.43	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
25	10,622	10,623	2.01	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
26	10,110	10,111	2.73	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
27	8,854	8,856	4.67	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
28	7,322	7,323	7.48	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
29	7,934	7,936	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
30	6,750	6,751	8.69	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
31	6,466	6,468	9.32	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
32	6,307	6,309	9.69	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
33	5,875	5,877	10.74	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
34	5,193	5,195	12.56	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
35	4,036	4,038	16.17	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
36	11,895	11,897	0.39	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
37	11,308	11,309	1.11	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
38	9,774	9,776	3.22	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
39	9,055	9,057	4.34	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
40	8,298	8,299	5.62	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
41	8,663	8,665	4.99	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
42	7,811	7,813	6.52	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
43	10,859	10,860	1.70	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
44	10,144	10,146	2.68	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
45	9,777	9,779	3.21	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
46	12,366	12,367	-0.16	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
47	12,117	12,118	0.13	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
48	10,513	10,514	2.16	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
49	10,891	10,893	1.65	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
50	10,107	10,108	2.73	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
51	10,897	10,898	1.65	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
52	11,835	11,836	0.47	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
53	12,437	12,438	-0.24	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
54	12,370	12,371	-0.16	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
55	11,341	11,342	1.07	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
56	12,531	12,532	-0.34	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
57	14,367	14,368	-2.25	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
58	14,362	14,363	-2.25	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
59	13,793	13,794	-1.69	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
60	13,695	13,697	-1.59	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00

Sum 25.73

Project:

20162030 Westwood Red Pine

Licensed user:

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US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H334 H334

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,065	11,066	1.43	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
2	10,600	10,601	2.04	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
3	9,948	9,949	2.96	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
4	10,239	10,240	2.54	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
5	8,588	8,589	5.12	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
6	8,502	8,503	5.26	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
7	8,279	8,280	5.66	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
8	7,250	7,251	7.62	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
9	6,630	6,631	8.95	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
10	6,851	6,852	8.47	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
11	9,133	9,134	4.21	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
12	7,594	7,596	6.94	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
13	5,954	5,955	10.55	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
14	5,344	5,346	12.14	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
15	4,630	4,632	14.22	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
16	8,384	8,386	5.47	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
17	7,873	7,875	6.40	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
18	7,397	7,398	7.33	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
19	7,283	7,284	7.56	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
20	6,461	6,463	9.33	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
21	5,498	5,500	11.72	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
22	4,424	4,426	14.87	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
23	3,653	3,656	17.56	108.5	0.00	82.26	-	-	0.00	0.00	-	0.00
24	10,975	10,976	1.54	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
25	10,541	10,542	2.12	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
26	10,035	10,037	2.83	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
27	8,832	8,834	4.70	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
28	7,282	7,284	7.56	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
29	7,917	7,919	6.32	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
30	6,744	6,746	8.70	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
31	6,496	6,498	9.25	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
32	6,381	6,383	9.52	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
33	5,960	5,962	10.53	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
34	5,246	5,248	12.41	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
35	4,203	4,205	15.60	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
36	11,883	11,885	0.41	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
37	11,290	11,291	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
38	9,835	9,837	3.13	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
39	9,098	9,100	4.27	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
40	8,338	8,340	5.55	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
41	8,748	8,750	4.84	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
42	7,900	7,902	6.35	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
43	10,946	10,948	1.58	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
44	10,251	10,252	2.53	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
45	9,913	9,914	3.01	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
46	12,489	12,491	-0.30	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
47	12,268	12,269	-0.04	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
48	10,738	10,739	1.86	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
49	11,211	11,213	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
50	10,471	10,472	2.22	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
51	11,276	11,277	1.15	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
52	12,159	12,160	0.08	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
53	12,775	12,777	-0.62	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
54	12,724	12,726	-0.56	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
55	11,715	11,716	0.61	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
56	12,913	12,914	-0.77	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
57	14,680	14,681	-2.55	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
58	14,689	14,690	-2.56	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
59	14,162	14,163	-2.05	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
60	14,080	14,081	-1.97	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
Sum	25.75											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H335 H335

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,684	9,685	<b>3.35</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
2	9,214	9,216	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
3	8,551	8,552	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
4	8,888	8,890	<b>4.61</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
5	7,186	7,187	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
6	7,186	7,187	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
7	6,914	6,915	<b>8.33</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
8	5,869	5,871	<b>10.76</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00
9	5,209	5,211	<b>12.51</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
10	5,534	5,536	<b>11.63</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
11	7,839	7,840	<b>6.47</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
12	6,400	6,402	<b>9.48</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
13	4,754	4,756	<b>13.84</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
14	4,302	4,304	<b>15.27</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
15	3,669	3,672	<b>17.50</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
16	7,333	7,334	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
17	6,811	6,812	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
18	6,345	6,346	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
19	6,396	6,398	<b>9.48</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
20	5,574	5,576	<b>11.52</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
21	4,681	4,683	<b>14.06</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
22	3,867	3,869	<b>16.77</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
23	3,406	3,408	<b>18.51</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
24	10,042	10,044	<b>2.83</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
25	9,631	9,632	<b>3.43</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
26	9,146	9,148	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
27	8,089	8,091	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
28	6,525	6,526	<b>9.19</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
29	7,203	7,205	<b>7.72</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
30	6,089	6,091	<b>10.21</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
31	5,947	5,949	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
32	5,959	5,961	<b>10.53</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
33	5,582	5,584	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
34	4,811	4,813	<b>13.67</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
35	4,167	4,169	<b>15.73</b>	108.5	0.00	83.40	-	-	0.00	0.00	-	0.00
36	11,132	11,133	<b>1.34</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
37	10,528	10,529	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
38	9,298	9,299	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
39	8,523	8,524	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
40	7,769	7,771	<b>6.60</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
41	8,294	8,296	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
42	7,475	7,477	<b>7.17</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
43	10,468	10,470	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
44	9,834	9,835	<b>3.13</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
45	9,584	9,585	<b>3.50</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
46	12,097	12,098	<b>0.15</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
47	11,956	11,957	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
48	10,666	10,667	<b>1.95</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
49	11,447	11,448	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
50	10,872	10,874	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
51	11,726	11,728	<b>0.60</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
52	12,399	12,400	<b>-0.19</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
53	13,063	13,064	<b>-0.93</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
54	13,069	13,071	<b>-0.93</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
55	12,141	12,142	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
56	13,363	13,364	<b>-1.24</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
57	14,861	14,862	<b>-2.72</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
58	14,921	14,922	<b>-2.77</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
59	14,550	14,551	<b>-2.43</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
60	14,529	14,530	<b>-2.41</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00

Sum 27.52

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H336 H336

WTG	No.	Distance [m]	Sound distance [m]	95% rated power										
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
	1	9,673	9,674	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00	
	2	9,201	9,203	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00	
	3	8,530	8,532	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00	
	4	8,897	8,899	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00	
	5	7,165	7,166	<b>7.80</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00	
	6	7,216	7,218	<b>7.69</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00	
	7	6,918	6,920	<b>8.32</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00	
	8	5,866	5,868	<b>10.77</b>	108.5	0.00	86.37	-	-	0.00	0.00	-	0.00	
	9	5,179	5,180	<b>12.60</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00	
	10	5,570	5,572	<b>11.53</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00	
	11	7,878	7,879	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00	
	12	6,485	6,487	<b>9.28</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00	
	13	4,845	4,847	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00	
	14	4,449	4,451	<b>14.79</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00	
	15	3,844	3,846	<b>16.85</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00	
	16	7,461	7,463	<b>7.20</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00	
	17	6,937	6,939	<b>8.28</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00	
	18	6,476	6,478	<b>9.30</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00	
	19	6,570	6,572	<b>9.09</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00	
	20	5,751	5,753	<b>11.06</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00	
	21	4,879	4,881	<b>13.47</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00	
	22	4,115	4,118	<b>15.90</b>	108.5	0.00	83.29	-	-	0.00	0.00	-	0.00	
	23	3,691	3,693	<b>17.42</b>	108.5	0.00	82.35	-	-	0.00	0.00	-	0.00	
	24	10,195	10,197	<b>2.61</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00	
	25	9,789	9,791	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00	
	26	9,311	9,313	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00	
	27	8,287	8,289	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00	
	28	6,724	6,726	<b>8.74</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00	
	29	7,409	7,411	<b>7.30</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00	
	30	6,309	6,311	<b>9.69</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00	
	31	6,184	6,186	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00	
	32	6,213	6,215	<b>9.91</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00	
	33	5,843	5,845	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00	
	34	5,069	5,071	<b>12.91</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00	
	35	4,462	4,464	<b>14.75</b>	108.5	0.00	83.99	-	-	0.00	0.00	-	0.00	
	36	11,322	11,323	<b>1.10</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00	
	37	10,717	10,718	<b>1.88</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00	
	38	9,528	9,530	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00	
	39	8,748	8,750	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00	
	40	7,998	8,000	<b>6.17</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00	
	41	8,538	8,539	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00	
	42	7,724	7,726	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00	
	43	10,705	10,707	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00	
	44	10,080	10,081	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00	
	45	9,841	9,843	<b>3.12</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00	
	46	12,343	12,345	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00	
	47	12,213	12,214	<b>0.02</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00	
	48	10,947	10,948	<b>1.58</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00	
	49	11,746	11,748	<b>0.57</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00	
	50	11,177	11,179	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00	
	51	12,032	12,033	<b>0.23</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00	
	52	12,699	12,700	<b>-0.53</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00	
	53	13,364	13,365	<b>-1.25</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00	
	54	13,373	13,374	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00	
	55	12,446	12,448	<b>-0.25</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00	
	56	13,668	13,669	<b>-1.56</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00	
	57	15,157	15,158	<b>-2.99</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00	
	58	15,220	15,221	<b>-3.05</b>	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00	
	59	14,854	14,855	<b>-2.71</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00	
	60	14,834	14,835	<b>-2.69</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00	

Sum 26.97

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H337 H337

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,407	9,409	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	2	8,934	8,935	<b>4.53</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	3	8,255	8,256	<b>5.70</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	4	8,658	8,660	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	5	6,891	6,892	<b>8.38</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	6	7,012	7,013	<b>8.12</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	7	6,679	6,680	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	8	5,621	5,623	<b>11.39</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	9	4,900	4,902	<b>13.40</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	10	5,380	5,381	<b>12.04</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	11	7,684	7,685	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	12	6,364	6,365	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	13	4,743	4,745	<b>13.88</b>	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
	14	4,440	4,442	<b>14.82</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	15	3,890	3,893	<b>16.69</b>	108.5	0.00	82.80	-	-	0.00	0.00	-	0.00
	16	7,405	7,406	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	17	6,881	6,882	<b>8.40</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	18	6,429	6,431	<b>9.41</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
	19	6,596	6,598	<b>9.03</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	20	5,788	5,789	<b>10.96</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	21	4,959	4,961	<b>13.23</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	22	4,306	4,308	<b>15.26</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
	23	3,979	3,981	<b>16.37</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
	24	10,175	10,177	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	25	9,781	9,782	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	26	9,314	9,315	<b>3.92</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	27	8,354	8,355	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	28	6,800	6,802	<b>8.58</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	29	7,494	7,496	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	30	6,426	6,428	<b>9.41</b>	108.5	0.00	87.16	-	-	0.00	0.00	-	0.00
	31	6,339	6,341	<b>9.62</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	32	6,407	6,409	<b>9.46</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	33	6,054	6,056	<b>10.30</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	34	5,276	5,278	<b>12.33</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	35	4,781	4,782	<b>13.76</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	36	11,369	11,371	<b>1.04</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	37	10,763	10,764	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	38	9,659	9,660	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	39	8,871	8,873	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	40	8,128	8,130	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	41	8,701	8,703	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	42	7,903	7,904	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	43	10,849	10,851	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	44	10,246	10,248	<b>2.53</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	45	10,035	10,037	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	46	12,508	12,510	<b>-0.32</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	47	12,402	12,404	<b>-0.20</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	48	11,207	11,208	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	49	12,077	12,078	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	50	11,544	11,545	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	51	12,406	12,407	<b>-0.20</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	52	13,028	13,030	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	53	13,703	13,704	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	54	13,724	13,725	<b>-1.62</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	55	12,815	12,816	<b>-0.66</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	56	14,040	14,041	<b>-1.93</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	57	15,469	15,470	<b>-3.27</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
	58	15,543	15,544	<b>-3.33</b>	108.5	0.00	94.83	-	-	0.00	0.00	-	0.00
	59	15,211	15,212	<b>-3.04</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	60	15,204	15,205	<b>-3.03</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00

Sum 26.78

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
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US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H338 H338

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,536	8,538	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
2	8,062	8,064	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
3	7,382	7,383	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
4	7,797	7,799	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
5	6,019	6,020	<b>10.39</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
6	6,171	6,172	<b>10.02</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
7	5,819	5,821	<b>10.88</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
8	4,761	4,763	<b>13.82</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
9	4,028	4,030	<b>16.20</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
10	4,554	4,555	<b>14.46</b>	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
11	6,849	6,851	<b>8.47</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
12	5,594	5,596	<b>11.47</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
13	4,005	4,008	<b>16.28</b>	108.5	0.00	83.06	-	-	0.00	0.00	-	0.00
14	3,829	3,831	<b>16.91</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
15	3,378	3,380	<b>18.62</b>	108.5	0.00	81.58	-	-	0.00	0.00	-	0.00
16	6,701	6,703	<b>8.79</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
17	6,180	6,181	<b>10.00</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
18	5,743	5,745	<b>11.08</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
19	6,007	6,009	<b>10.41</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
20	5,222	5,224	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
21	4,476	4,478	<b>14.71</b>	108.5	0.00	84.02	-	-	0.00	0.00	-	0.00
22	4,038	4,040	<b>16.17</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
23	3,927	3,929	<b>16.56</b>	108.5	0.00	82.89	-	-	0.00	0.00	-	0.00
24	9,505	9,506	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
25	9,127	9,128	<b>4.22</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
26	8,676	8,678	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
27	7,812	7,814	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
28	6,284	6,286	<b>9.75</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
29	6,987	6,989	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
30	5,983	5,985	<b>10.47</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
31	5,963	5,965	<b>10.52</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
32	6,103	6,105	<b>10.18</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
33	5,790	5,792	<b>10.96</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
34	5,016	5,018	<b>13.06</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
35	4,779	4,781	<b>13.77</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
36	10,786	10,787	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
37	10,179	10,181	<b>2.63</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
38	9,214	9,215	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
39	8,416	8,418	<b>5.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
40	7,692	7,693	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
41	8,319	8,321	<b>5.58</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
42	7,554	7,556	<b>7.01</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
43	10,422	10,423	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
44	9,861	9,862	<b>3.09</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
45	9,702	9,703	<b>3.33</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
46	12,112	12,113	<b>0.14</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
47	12,051	12,053	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
48	11,003	11,004	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
49	12,037	12,038	<b>0.23</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
50	11,603	11,605	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
51	12,486	12,487	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
52	12,983	12,984	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
53	13,679	13,680	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
54	13,732	13,733	<b>-1.62</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
55	12,878	12,879	<b>-0.73</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
56	14,107	14,108	<b>-2.00</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
57	15,373	15,374	<b>-3.18</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
58	15,475	15,476	<b>-3.27</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
59	15,235	15,237	<b>-3.06</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
60	15,264	15,265	<b>-3.09</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00

Sum 28.22

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H339 H339

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,685	7,686	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	2	7,210	7,211	<b>7.71</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	3	6,524	6,526	<b>9.19</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	4	6,971	6,972	<b>8.21</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	5	5,166	5,167	<b>12.64</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	6	5,389	5,390	<b>12.02</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	7	4,999	5,001	<b>13.11</b>	108.5	0.00	84.98	-	-	0.00	0.00	-	0.00
	8	3,942	3,944	<b>16.50</b>	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
	9	3,179	3,181	<b>19.43</b>	108.5	0.00	81.05	-	-	0.00	0.00	-	0.00
	10	3,810	3,812	<b>16.98</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
	11	6,076	6,077	<b>10.25</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	12	4,939	4,941	<b>13.29</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	13	3,430	3,432	<b>18.41</b>	108.5	0.00	81.71	-	-	0.00	0.00	-	0.00
	14	3,456	3,458	<b>18.31</b>	108.5	0.00	81.78	-	-	0.00	0.00	-	0.00
	15	3,165	3,167	<b>19.49</b>	108.5	0.00	81.01	-	-	0.00	0.00	-	0.00
	16	6,135	6,137	<b>10.10</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	17	5,623	5,624	<b>11.39</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	18	5,214	5,215	<b>12.50</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	19	5,608	5,610	<b>11.43</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
	20	4,870	4,871	<b>13.49</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	21	4,251	4,253	<b>15.44</b>	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
	22	4,082	4,084	<b>16.01</b>	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
	23	4,196	4,198	<b>15.63</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
	24	8,965	8,967	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	25	8,610	8,611	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	26	8,184	8,186	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	27	7,450	7,452	<b>7.22</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	28	5,973	5,975	<b>10.50</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	29	6,677	6,679	<b>8.85</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	30	5,768	5,770	<b>11.01</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	31	5,826	5,828	<b>10.87</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	32	6,046	6,048	<b>10.32</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	33	5,784	5,785	<b>10.98</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	34	5,034	5,036	<b>13.01</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	35	5,064	5,065	<b>12.93</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
	36	10,350	10,352	<b>2.39</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	37	9,747	9,749	<b>3.26</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	38	8,955	8,956	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	39	8,154	8,155	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	40	7,458	7,459	<b>7.20</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	41	8,141	8,143	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	42	7,423	7,424	<b>7.27</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	43	10,175	10,176	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	44	9,665	9,666	<b>3.38</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	45	9,566	9,568	<b>3.53</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	46	11,890	11,891	<b>0.40</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	47	11,881	11,883	<b>0.41</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
	48	10,997	10,998	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	49	12,193	12,194	<b>0.44</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	50	11,859	11,860	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	51	12,757	12,758	<b>-0.59</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	52	13,128	13,129	<b>-1.00</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	53	13,843	13,844	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	54	13,929	13,930	<b>-1.82</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	55	13,130	13,131	<b>-1.00</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	56	14,359	14,360	<b>-2.24</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	57	15,458	15,459	<b>-3.26</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	58	15,589	15,590	<b>-3.37</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	59	15,442	15,442	<b>-3.24</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	60	15,505	15,506	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00

Sum 29.42



Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H340 H340

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,753	6,755	<b>8.68</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
	2	6,279	6,281	<b>9.76</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	3	5,600	5,601	<b>11.45</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
	4	6,019	6,021	<b>10.38</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	5	4,236	4,238	<b>15.49</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	6	4,425	4,427	<b>14.87</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
	7	4,044	4,046	<b>16.15</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	8	2,986	2,988	<b>20.25</b>	108.5	0.00	80.51	-	-	0.00	0.00	-	0.00
	9	2,245	2,248	<b>24.05</b>	108.5	0.00	78.03	-	-	0.00	0.00	-	0.00
	10	2,852	2,854	<b>20.84</b>	108.5	0.00	80.11	-	-	0.00	0.00	-	0.00
	11	5,112	5,113	<b>12.79</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	12	4,013	4,015	<b>16.26</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	13	2,577	2,580	<b>22.16</b>	108.5	0.00	79.23	-	-	0.00	0.00	-	0.00
	14	2,792	2,794	<b>21.11</b>	108.5	0.00	79.92	-	-	0.00	0.00	-	0.00
	15	2,688	2,690	<b>21.59</b>	108.5	0.00	79.60	-	-	0.00	0.00	-	0.00
	16	5,256	5,257	<b>12.38</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	17	4,752	4,754	<b>13.85</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
	18	4,367	4,369	<b>15.06</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
	19	4,860	4,862	<b>13.52</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	20	4,177	4,179	<b>15.69</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	21	3,700	3,702	<b>17.38</b>	108.5	0.00	82.37	-	-	0.00	0.00	-	0.00
	22	3,823	3,825	<b>16.93</b>	108.5	0.00	82.65	-	-	0.00	0.00	-	0.00
	23	4,176	4,177	<b>15.70</b>	108.5	0.00	83.42	-	-	0.00	0.00	-	0.00
	24	8,090	8,092	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	25	7,751	7,752	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	26	7,343	7,345	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	27	6,713	6,715	<b>8.77</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	28	5,298	5,300	<b>12.27</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	29	5,993	5,994	<b>10.45</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	30	5,185	5,187	<b>12.58</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	31	5,319	5,321	<b>12.21</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	32	5,614	5,615	<b>11.42</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	33	5,409	5,410	<b>11.96</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	34	4,706	4,708	<b>13.99</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	35	5,024	5,025	<b>13.04</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
	36	9,541	9,543	<b>3.57</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	37	8,943	8,944	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	38	8,293	8,295	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	39	7,495	7,497	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	40	6,832	6,833	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	41	7,560	7,561	<b>7.00</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	42	6,894	6,895	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	43	9,516	9,517	<b>3.61</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	44	9,055	9,056	<b>4.34</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	45	9,011	9,013	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	46	11,245	11,246	<b>1.19</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	47	11,282	11,283	<b>1.15</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	48	10,558	10,559	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	49	11,911	11,912	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	50	11,688	11,689	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	51	12,597	12,598	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	52	12,830	12,831	<b>-0.68</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	53	13,562	13,563	<b>-1.45</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
	54	13,682	13,683	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	55	12,948	12,949	<b>-0.80</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	56	14,171	14,171	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	57	15,088	15,089	<b>-2.93</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
	58	15,249	15,249	<b>-3.07</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	59	15,199	15,200	<b>-3.03</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	60	15,299	15,300	<b>-3.12</b>	108.5	0.00	94.69	-	-	0.00	0.00	-	0.00
	Sum	32.09											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H341 H341

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,055	6,056	<b>10.30</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
2	5,580	5,581	<b>11.50</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
3	4,896	4,897	<b>13.42</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
4	5,345	5,347	<b>12.13</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
5	3,535	3,537	<b>18.01</b>	108.5	0.00	81.97	-	-	0.00	0.00	-	0.00
6	3,808	3,809	<b>16.99</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
7	3,381	3,383	<b>18.61</b>	108.5	0.00	81.59	-	-	0.00	0.00	-	0.00
8	2,330	2,332	<b>23.55</b>	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
9	1,549	1,552	<b>28.88</b>	108.5	0.00	74.82	-	-	0.00	0.00	-	0.00
10	2,316	2,318	<b>23.63</b>	108.5	0.00	78.30	-	-	0.00	0.00	-	0.00
11	4,500	4,502	<b>14.63</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
12	3,568	3,570	<b>17.88</b>	108.5	0.00	82.05	-	-	0.00	0.00	-	0.00
13	2,330	2,333	<b>23.55</b>	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
14	2,798	2,801	<b>21.08</b>	108.5	0.00	79.94	-	-	0.00	0.00	-	0.00
15	2,888	2,890	<b>20.68</b>	108.5	0.00	80.22	-	-	0.00	0.00	-	0.00
16	4,889	4,891	<b>13.44</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
17	4,409	4,411	<b>14.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
18	4,069	4,071	<b>16.06</b>	108.5	0.00	83.19	-	-	0.00	0.00	-	0.00
19	4,693	4,695	<b>14.03</b>	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
20	4,092	4,094	<b>15.98</b>	108.5	0.00	83.24	-	-	0.00	0.00	-	0.00
21	3,782	3,784	<b>17.08</b>	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
22	4,139	4,141	<b>15.82</b>	108.5	0.00	83.34	-	-	0.00	0.00	-	0.00
23	4,631	4,632	<b>14.22</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
24	7,710	7,711	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
25	7,397	7,399	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
26	7,020	7,021	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
27	6,533	6,535	<b>9.17</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
28	5,209	5,210	<b>12.51</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
29	5,882	5,883	<b>10.73</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
30	5,195	5,196	<b>12.55</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
31	5,398	5,399	<b>11.99</b>	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
32	5,752	5,754	<b>11.06</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
33	5,598	5,600	<b>11.46</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
34	4,948	4,949	<b>13.26</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
35	5,451	5,452	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
36	9,251	9,252	<b>4.02</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
37	8,661	8,662	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
38	8,185	8,186	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
39	7,397	7,398	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
40	6,774	6,775	<b>8.63</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
41	7,539	7,541	<b>7.04</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
42	6,929	6,931	<b>8.30</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
43	9,403	9,404	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
44	8,994	8,996	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
45	9,005	9,006	<b>4.42</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
46	11,138	11,139	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
47	11,220	11,221	<b>1.23</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
48	10,645	10,646	<b>1.98</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
49	12,119	12,119	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
50	11,976	11,977	<b>0.30</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
51	12,890	12,891	<b>-0.74</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
52	13,023	13,024	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
53	13,764	13,765	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
54	13,910	13,910	<b>-1.80</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
55	13,225	13,226	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
56	14,439	14,440	<b>-2.32</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
57	15,218	15,218	<b>-3.04</b>	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
58	15,401	15,402	<b>-3.21</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
59	15,425	15,426	<b>-3.23</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
60	15,553	15,554	<b>-3.34</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00

Sum 34.01

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H342 H342

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,129	5,130	12.74	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
2	4,656	4,657	14.14	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
3	3,982	3,983	16.37	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
4	4,392	4,394	14.98	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
5	2,616	2,618	21.95	108.5	0.00	79.36	-	-	0.00	0.00	-	0.00
6	2,845	2,847	20.87	108.5	0.00	80.09	-	-	0.00	0.00	-	0.00
7	2,421	2,423	23.02	108.5	0.00	78.69	-	-	0.00	0.00	-	0.00
8	1,366	1,370	30.42	108.5	0.00	73.73	-	-	0.00	0.00	-	0.00
9	637	643	39.09	108.5	0.00	67.17	-	-	0.00	0.00	-	0.00
10	1,423	1,426	29.93	108.5	0.00	74.08	-	-	0.00	0.00	-	0.00
11	3,538	3,539	18.00	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
12	2,732	2,734	21.39	108.5	0.00	79.73	-	-	0.00	0.00	-	0.00
13	1,823	1,826	26.81	108.5	0.00	76.23	-	-	0.00	0.00	-	0.00
14	2,584	2,586	22.12	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
15	2,923	2,925	20.53	108.5	0.00	80.32	-	-	0.00	0.00	-	0.00
16	4,107	4,109	15.93	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
17	3,661	3,662	17.53	108.5	0.00	82.28	-	-	0.00	0.00	-	0.00
18	3,381	3,383	18.61	108.5	0.00	81.59	-	-	0.00	0.00	-	0.00
19	4,143	4,144	15.81	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
20	3,668	3,669	17.50	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
21	3,592	3,593	17.79	108.5	0.00	82.11	-	-	0.00	0.00	-	0.00
22	4,248	4,249	15.46	108.5	0.00	83.57	-	-	0.00	0.00	-	0.00
23	4,922	4,923	13.34	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
24	6,889	6,891	8.38	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
25	6,604	6,605	9.01	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
26	6,258	6,260	9.81	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
27	5,930	5,932	10.61	108.5	0.00	86.46	-	-	0.00	0.00	-	0.00
28	4,740	4,741	13.89	108.5	0.00	84.52	-	-	0.00	0.00	-	0.00
29	5,372	5,373	12.06	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
30	4,851	4,853	13.55	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
31	5,139	5,140	12.71	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
32	5,564	5,565	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
33	5,483	5,484	11.76	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
34	4,922	4,923	13.34	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
35	5,678	5,679	11.25	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
36	8,508	8,509	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
37	7,930	7,931	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
38	7,647	7,648	6.83	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
39	6,878	6,879	8.41	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
40	6,313	6,314	9.68	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
41	7,113	7,114	7.91	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
42	6,583	6,584	9.06	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
43	8,848	8,850	4.68	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
44	8,505	8,506	5.26	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
45	8,581	8,582	5.13	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
46	10,581	10,582	2.07	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
47	10,715	10,716	1.89	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
48	10,326	10,327	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
49	11,951	11,951	0.33	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
50	11,923	11,923	0.36	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
51	12,838	12,839	-0.68	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
52	12,829	12,830	-0.67	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
53	13,581	13,582	-1.47	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
54	13,761	13,761	-1.65	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
55	13,147	13,148	-1.02	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
56	14,346	14,346	-2.23	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
57	14,932	14,933	-2.78	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
58	15,144	15,145	-2.98	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
59	15,270	15,270	-3.09	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
60	15,435	15,436	-3.24	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00

Sum 40.92



Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H343 H343

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,374	3,376	18.64	108.5	0.00	81.57	-	-	0.00	0.00	-	0.00
2	2,933	2,936	20.48	108.5	0.00	80.35	-	-	0.00	0.00	-	0.00
3	2,368	2,370	23.33	108.5	0.00	78.49	-	-	0.00	0.00	-	0.00
4	2,497	2,500	22.59	108.5	0.00	78.96	-	-	0.00	0.00	-	0.00
5	1,243	1,247	31.56	108.5	0.00	72.91	-	-	0.00	0.00	-	0.00
6	793	798	36.72	108.5	0.00	69.04	-	-	0.00	0.00	-	0.00
7	646	652	38.94	108.5	0.00	67.28	-	-	0.00	0.00	-	0.00
8	764	769	37.14	108.5	0.00	68.71	-	-	0.00	0.00	-	0.00
9	1,599	1,601	28.49	108.5	0.00	75.09	-	-	0.00	0.00	-	0.00
10	905	909	35.26	108.5	0.00	70.17	-	-	0.00	0.00	-	0.00
11	1,482	1,486	29.42	108.5	0.00	74.44	-	-	0.00	0.00	-	0.00
12	1,316	1,319	30.88	108.5	0.00	73.41	-	-	0.00	0.00	-	0.00
13	2,052	2,054	25.26	108.5	0.00	77.25	-	-	0.00	0.00	-	0.00
14	3,024	3,026	20.09	108.5	0.00	80.62	-	-	0.00	0.00	-	0.00
15	3,707	3,708	17.36	108.5	0.00	82.38	-	-	0.00	0.00	-	0.00
16	2,620	2,623	21.93	108.5	0.00	79.37	-	-	0.00	0.00	-	0.00
17	2,356	2,359	23.40	108.5	0.00	78.45	-	-	0.00	0.00	-	0.00
18	2,343	2,345	23.47	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
19	3,356	3,357	18.71	108.5	0.00	81.52	-	-	0.00	0.00	-	0.00
20	3,308	3,309	18.91	108.5	0.00	81.39	-	-	0.00	0.00	-	0.00
21	3,786	3,787	17.07	108.5	0.00	82.57	-	-	0.00	0.00	-	0.00
22	4,909	4,910	13.38	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
23	5,834	5,834	10.85	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
24	5,136	5,138	12.72	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
25	4,929	4,930	13.32	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
26	4,682	4,683	14.06	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
27	4,799	4,801	13.71	108.5	0.00	84.63	-	-	0.00	0.00	-	0.00
28	4,076	4,078	16.04	108.5	0.00	83.21	-	-	0.00	0.00	-	0.00
29	4,529	4,531	14.54	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
30	4,482	4,483	14.69	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
31	4,930	4,931	13.32	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
32	5,466	5,467	11.81	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
33	5,550	5,551	11.59	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
34	5,236	5,237	12.44	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
35	6,410	6,411	9.46	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
36	6,914	6,915	8.33	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
37	6,378	6,379	9.53	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
38	6,582	6,584	9.06	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
39	5,900	5,902	10.68	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
40	5,513	5,514	11.68	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
41	6,347	6,348	9.60	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
42	6,038	6,039	10.34	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
43	7,702	7,704	6.73	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
44	7,524	7,525	7.07	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
45	7,752	7,753	6.63	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
46	9,384	9,385	3.81	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
47	9,636	9,637	3.43	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
48	9,680	9,681	3.36	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
49	11,597	11,597	0.76	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
50	11,816	11,817	0.49	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
51	12,717	12,718	-0.55	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
52	12,403	12,403	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
53	13,164	13,165	-1.04	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
54	13,414	13,415	-1.30	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
55	12,966	12,967	-0.82	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
56	14,110	14,111	-2.00	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
57	14,271	14,272	-2.16	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
58	14,544	14,545	-2.42	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
59	14,887	14,887	-2.74	108.5	0.00	94.46	-	-	0.00	0.00	-	0.00
60	15,131	15,131	-2.96	108.5	0.00	94.60	-	-	0.00	0.00	-	0.00

Sum 44.41

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H345 H345

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,721	1,724	<b>27.54</b>	108.5	0.00	75.73	-	-	0.00	0.00	-	0.00
	2	1,302	1,306	<b>31.01</b>	108.5	0.00	73.32	-	-	0.00	0.00	-	0.00
	3	894	899	<b>35.39</b>	108.5	0.00	70.07	-	-	0.00	0.00	-	0.00
	4	858	865	<b>35.82</b>	108.5	0.00	69.74	-	-	0.00	0.00	-	0.00
	5	1,109	1,112	<b>32.93</b>	108.5	0.00	71.92	-	-	0.00	0.00	-	0.00
	6	1,018	1,021	<b>33.92</b>	108.5	0.00	71.18	-	-	0.00	0.00	-	0.00
	7	1,122	1,124	<b>32.79</b>	108.5	0.00	72.02	-	-	0.00	0.00	-	0.00
	8	2,179	2,181	<b>24.46</b>	108.5	0.00	77.77	-	-	0.00	0.00	-	0.00
	9	2,952	2,953	<b>20.40</b>	108.5	0.00	80.40	-	-	0.00	0.00	-	0.00
	10	2,564	2,565	<b>22.24</b>	108.5	0.00	79.18	-	-	0.00	0.00	-	0.00
	11	859	864	<b>35.84</b>	108.5	0.00	69.73	-	-	0.00	0.00	-	0.00
	12	2,447	2,448	<b>22.88</b>	108.5	0.00	78.78	-	-	0.00	0.00	-	0.00
	13	3,673	3,673	<b>17.49</b>	108.5	0.00	82.30	-	-	0.00	0.00	-	0.00
	14	4,610	4,610	<b>14.29</b>	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
	15	5,323	5,323	<b>12.20</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	16	3,194	3,195	<b>19.37</b>	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
	17	3,199	3,200	<b>19.35</b>	108.5	0.00	81.10	-	-	0.00	0.00	-	0.00
	18	3,413	3,414	<b>18.49</b>	108.5	0.00	81.66	-	-	0.00	0.00	-	0.00
	19	4,410	4,411	<b>14.92</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
	20	4,608	4,609	<b>14.29</b>	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
	21	5,260	5,261	<b>12.37</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	22	6,466	6,467	<b>9.33</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	23	7,429	7,429	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	24	4,924	4,925	<b>13.33</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	25	4,866	4,867	<b>13.51</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	26	4,791	4,792	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	27	5,408	5,409	<b>11.96</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	28	5,124	5,125	<b>12.76</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
	29	5,407	5,408	<b>11.97</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
	30	5,667	5,668	<b>11.28</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
	31	6,167	6,167	<b>10.03</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	32	6,728	6,728	<b>8.74</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	33	6,884	6,884	<b>8.40</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	34	6,680	6,680	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	35	7,953	7,953	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	36	6,838	6,840	<b>8.49</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	37	6,390	6,391	<b>9.50</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	38	7,125	7,126	<b>7.88</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	39	6,561	6,562	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	40	6,344	6,344	<b>9.61</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	41	7,152	7,152	<b>7.83</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	42	7,017	7,017	<b>8.11</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	43	8,114	8,115	<b>5.96</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	44	8,097	8,098	<b>5.99</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	45	8,443	8,444	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	46	9,687	9,688	<b>3.35</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	47	10,047	10,048	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	48	10,454	10,454	<b>2.24</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	49	12,537	12,537	<b>-0.35</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	50	12,907	12,907	<b>-0.76</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	51	13,788	13,788	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	52	13,281	13,282	<b>-1.16</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	53	14,039	14,039	<b>-1.93</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	54	14,333	14,334	<b>-2.22</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	55	13,997	13,998	<b>-1.89</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	56	15,093	15,094	<b>-2.93</b>	108.5	0.00	94.58	-	-	0.00	0.00	-	0.00
	57	14,953	14,954	<b>-2.80</b>	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
	58	15,270	15,270	<b>-3.09</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
	59	15,764	15,765	<b>-3.53</b>	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
	60	16,059	16,059	<b>-3.78</b>	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00

Sum 43.16

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H346 H346

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,565	1,569	<b>28.74</b>	108.5	0.00	74.91	-	-	0.00	0.00	-	0.00
	2	1,109	1,114	<b>32.90</b>	108.5	0.00	71.94	-	-	0.00	0.00	-	0.00
	3	586	593	<b>39.96</b>	108.5	0.00	66.46	-	-	0.00	0.00	-	0.00
	4	861	868	<b>35.77</b>	108.5	0.00	69.77	-	-	0.00	0.00	-	0.00
	5	1,027	1,030	<b>33.81</b>	108.5	0.00	71.26	-	-	0.00	0.00	-	0.00
	6	1,281	1,284	<b>31.21</b>	108.5	0.00	73.17	-	-	0.00	0.00	-	0.00
	7	1,229	1,231	<b>31.71</b>	108.5	0.00	72.81	-	-	0.00	0.00	-	0.00
	8	2,255	2,257	<b>24.00</b>	108.5	0.00	78.07	-	-	0.00	0.00	-	0.00
	9	2,978	2,979	<b>20.29</b>	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
	10	2,725	2,726	<b>21.42</b>	108.5	0.00	79.71	-	-	0.00	0.00	-	0.00
	11	1,193	1,197	<b>32.05</b>	108.5	0.00	72.56	-	-	0.00	0.00	-	0.00
	12	2,731	2,732	<b>21.39</b>	108.5	0.00	79.73	-	-	0.00	0.00	-	0.00
	13	3,874	3,875	<b>16.75</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	14	4,829	4,830	<b>13.62</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
	15	5,529	5,529	<b>11.64</b>	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
	16	3,524	3,525	<b>18.05</b>	108.5	0.00	81.94	-	-	0.00	0.00	-	0.00
	17	3,517	3,518	<b>18.08</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
	18	3,716	3,717	<b>17.33</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
	19	4,720	4,721	<b>13.95</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	20	4,893	4,893	<b>13.43</b>	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
	21	5,515	5,516	<b>11.68</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	22	6,700	6,700	<b>8.80</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	23	7,647	7,648	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	24	5,232	5,233	<b>12.45</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	25	5,184	5,185	<b>12.58</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	26	5,118	5,120	<b>12.77</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	27	5,742	5,743	<b>11.08</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	28	5,437	5,438	<b>11.89</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	29	5,732	5,733	<b>11.11</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	30	5,969	5,970	<b>10.51</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
	31	6,464	6,465	<b>9.33</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	32	7,023	7,024	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	33	7,169	7,170	<b>7.79</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	34	6,944	6,945	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	35	8,193	8,193	<b>5.81</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	36	7,150	7,152	<b>7.83</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	37	6,709	6,710	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	38	7,459	7,460	<b>7.20</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	39	6,894	6,895	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	40	6,672	6,673	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	41	7,482	7,482	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	42	7,338	7,339	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	43	8,446	8,447	<b>5.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	44	8,431	8,432	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	45	8,776	8,777	<b>4.80</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	46	10,016	10,017	<b>2.86</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	47	10,379	10,379	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	48	10,786	10,787	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	49	12,864	12,864	<b>-0.71</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	50	13,225	13,225	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	51	14,107	14,108	<b>-2.00</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	52	13,611	13,611	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	53	14,369	14,370	<b>-2.25</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	54	14,662	14,662	<b>-2.53</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	55	14,320	14,320	<b>-2.21</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	56	15,419	15,419	<b>-3.22</b>	108.5	0.00	94.76	-	-	0.00	0.00	-	0.00
	57	15,287	15,288	<b>-3.11</b>	108.5	0.00	94.69	-	-	0.00	0.00	-	0.00
	58	15,603	15,604	<b>-3.39</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	59	16,095	16,095	<b>-3.81</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	60	16,387	16,388	<b>-4.06</b>	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00
Sum		43.87											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H347 H347

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	1,602	1,605	<b>28.45</b>	108.5	0.00	75.11	-	-	0.00	0.00	-	0.00
2	1,232	1,236	<b>31.67</b>	108.5	0.00	72.84	-	-	0.00	0.00	-	0.00
3	987	991	<b>34.27</b>	108.5	0.00	70.92	-	-	0.00	0.00	-	0.00
4	660	668	<b>38.68</b>	108.5	0.00	67.50	-	-	0.00	0.00	-	0.00
5	1,396	1,398	<b>30.17</b>	108.5	0.00	73.91	-	-	0.00	0.00	-	0.00
6	1,128	1,131	<b>32.73</b>	108.5	0.00	72.07	-	-	0.00	0.00	-	0.00
7	1,358	1,360	<b>30.51</b>	108.5	0.00	73.67	-	-	0.00	0.00	-	0.00
8	2,415	2,416	<b>23.06</b>	108.5	0.00	78.66	-	-	0.00	0.00	-	0.00
9	3,206	3,206	<b>19.33</b>	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
10	2,743	2,744	<b>21.34</b>	108.5	0.00	79.77	-	-	0.00	0.00	-	0.00
11	772	777	<b>37.03</b>	108.5	0.00	68.80	-	-	0.00	0.00	-	0.00
12	2,492	2,493	<b>22.63</b>	108.5	0.00	78.93	-	-	0.00	0.00	-	0.00
13	3,811	3,812	<b>16.98</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
14	4,726	4,726	<b>13.93</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
15	5,451	5,451	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
16	3,112	3,113	<b>19.71</b>	108.5	0.00	80.86	-	-	0.00	0.00	-	0.00
17	3,164	3,165	<b>19.50</b>	108.5	0.00	81.01	-	-	0.00	0.00	-	0.00
18	3,414	3,415	<b>18.48</b>	108.5	0.00	81.67	-	-	0.00	0.00	-	0.00
19	4,390	4,391	<b>14.99</b>	108.5	0.00	83.85	-	-	0.00	0.00	-	0.00
20	4,640	4,640	<b>14.20</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
21	5,333	5,334	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
22	6,563	6,564	<b>9.10</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
23	7,540	7,541	<b>7.04</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
24	4,701	4,702	<b>14.01</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
25	4,661	4,662	<b>14.13</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
26	4,610	4,612	<b>14.29</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
27	5,297	5,298	<b>12.27</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
28	5,096	5,096	<b>12.84</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
29	5,343	5,344	<b>12.14</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
30	5,663	5,664	<b>11.29</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
31	6,171	6,172	<b>10.02</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
32	6,735	6,736	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
33	6,909	6,909	<b>8.34</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
34	6,736	6,737	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
35	8,040	8,040	<b>6.09</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
36	6,621	6,623	<b>8.97</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
37	6,186	6,187	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
38	6,992	6,993	<b>8.16</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
39	6,450	6,451	<b>9.36</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
40	6,264	6,265	<b>9.80</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
41	7,063	7,064	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
42	6,961	6,962	<b>8.23</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
43	7,956	7,957	<b>6.25</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
44	7,964	7,965	<b>6.23</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
45	8,329	8,330	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
46	9,510	9,510	<b>3.62</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
47	9,884	9,885	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
48	10,349	10,349	<b>2.39</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
49	12,459	12,459	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
50	12,859	12,860	<b>-0.71</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
51	13,735	13,735	<b>-1.63</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
52	13,190	13,191	<b>-1.06</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
53	13,946	13,947	<b>-1.84</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
54	14,249	14,249	<b>-2.14</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
55	13,935	13,936	<b>-1.83</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
56	15,021	15,021	<b>-2.86</b>	108.5	0.00	94.53	-	-	0.00	0.00	-	0.00
57	14,825	14,826	<b>-2.68</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
58	15,149	15,149	<b>-2.98</b>	108.5	0.00	94.61	-	-	0.00	0.00	-	0.00
59	15,670	15,671	<b>-3.44</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
60	15,974	15,975	<b>-3.71</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 43.54

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H348 H348

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,346	1,349	<b>30.61</b>	108.5	0.00	73.60	-	-	0.00	0.00	-	0.00
	2	1,677	1,679	<b>27.88</b>	108.5	0.00	75.50	-	-	0.00	0.00	-	0.00
	3	2,299	2,301	<b>23.73</b>	108.5	0.00	78.24	-	-	0.00	0.00	-	0.00
	4	1,577	1,581	<b>28.65</b>	108.5	0.00	74.98	-	-	0.00	0.00	-	0.00
	5	3,462	3,463	<b>18.30</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
	6	3,199	3,200	<b>19.35</b>	108.5	0.00	81.10	-	-	0.00	0.00	-	0.00
	7	3,521	3,522	<b>18.07</b>	108.5	0.00	81.93	-	-	0.00	0.00	-	0.00
	8	4,578	4,578	<b>14.39</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
	9	5,364	5,364	<b>12.09</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	10	4,853	4,853	<b>13.55</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	11	2,577	2,579	<b>22.16</b>	108.5	0.00	79.23	-	-	0.00	0.00	-	0.00
	12	4,288	4,289	<b>15.32</b>	108.5	0.00	83.65	-	-	0.00	0.00	-	0.00
	13	5,816	5,817	<b>10.90</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	14	6,649	6,649	<b>8.91</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	15	7,399	7,399	<b>7.32</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	16	4,300	4,301	<b>15.28</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	17	4,581	4,582	<b>14.38</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	18	4,970	4,970	<b>13.20</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	19	5,782	5,782	<b>10.98</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	20	6,252	6,252	<b>9.83</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	21	7,090	7,091	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	22	8,388	8,388	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	23	9,407	9,407	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	24	4,532	4,533	<b>14.53</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
	25	4,708	4,709	<b>13.98</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	26	4,895	4,896	<b>13.42</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	27	6,080	6,081	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	28	6,398	6,398	<b>9.48</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	29	6,430	6,431	<b>9.41</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
	30	7,066	7,066	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	31	7,599	7,599	<b>6.93</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	32	8,160	8,161	<b>5.87</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	33	8,416	8,416	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	34	8,393	8,394	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	35	9,806	9,806	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	36	6,365	6,366	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	37	6,096	6,097	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	38	7,512	7,512	<b>7.10</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	39	7,166	7,166	<b>7.80</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	40	7,203	7,204	<b>7.72</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00
	41	7,905	7,906	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	42	8,025	8,026	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	43	8,232	8,233	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	44	8,449	8,449	<b>5.36</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	45	8,943	8,944	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	46	9,550	9,551	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	47	10,049	10,050	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	48	10,975	10,976	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	49	13,246	13,247	<b>-1.12</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	50	13,848	13,849	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	51	14,678	14,678	<b>-2.55</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	52	13,875	13,875	<b>-1.77</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	53	14,609	14,609	<b>-2.48</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
	54	14,968	14,968	<b>-2.82</b>	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
	55	14,818	14,819	<b>-2.68</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
	56	15,816	15,817	<b>-3.57</b>	108.5	0.00	94.98	-	-	0.00	0.00	-	0.00
	57	15,205	15,205	<b>-3.03</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	58	15,581	15,582	<b>-3.37</b>	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
	59	16,306	16,306	<b>-3.99</b>	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00
	60	16,676	16,677	<b>-4.29</b>	108.5	0.00	95.44	-	-	0.00	0.00	-	0.00

Sum 35.50



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H349 H349

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,433	1,436	<b>29.85</b>	108.5	0.00	74.14	-	-	0.00	0.00	-	0.00
	2	1,907	1,909	<b>26.23</b>	108.5	0.00	76.61	-	-	0.00	0.00	-	0.00
	3	2,605	2,606	<b>22.02</b>	108.5	0.00	79.32	-	-	0.00	0.00	-	0.00
	4	2,202	2,204	<b>24.32</b>	108.5	0.00	77.86	-	-	0.00	0.00	-	0.00
	5	3,941	3,942	<b>16.51</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
	6	3,979	3,980	<b>16.38</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
	7	4,159	4,160	<b>15.76</b>	108.5	0.00	83.38	-	-	0.00	0.00	-	0.00
	8	5,205	5,206	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	9	5,925	5,925	<b>10.62</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	10	5,602	5,602	<b>11.45</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
	11	3,442	3,443	<b>18.37</b>	108.5	0.00	81.74	-	-	0.00	0.00	-	0.00
	12	5,215	5,216	<b>12.50</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	13	6,657	6,657	<b>8.89</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	14	7,541	7,541	<b>7.04</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	15	8,280	8,280	<b>5.66</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	16	5,363	5,364	<b>12.09</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	17	5,612	5,612	<b>11.42</b>	108.5	0.00	85.98	-	-	0.00	0.00	-	0.00
	18	5,976	5,977	<b>10.49</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	19	6,830	6,830	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	20	7,256	7,257	<b>7.61</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	21	8,056	8,056	<b>6.06</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	22	9,332	9,333	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	23	10,336	10,336	<b>2.41</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	24	5,589	5,590	<b>11.48</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
	25	5,789	5,789	<b>10.96</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	26	5,993	5,994	<b>10.45</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	27	7,186	7,187	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	28	7,464	7,464	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	29	7,521	7,522	<b>7.08</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	30	8,120	8,120	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	31	8,651	8,651	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	32	9,215	9,215	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	33	9,455	9,456	<b>3.70</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	34	9,396	9,396	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	35	10,777	10,778	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	36	7,379	7,380	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	37	7,143	7,144	<b>7.85</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	38	8,613	8,613	<b>5.07</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	39	8,272	8,273	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	40	8,306	8,306	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	41	9,012	9,012	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	42	9,123	9,123	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	43	9,312	9,313	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	44	9,546	9,546	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	45	10,046	10,047	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	46	10,592	10,592	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	47	11,108	11,108	<b>1.37</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	48	12,076	12,077	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	49	14,352	14,352	<b>-2.24</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	50	14,954	14,954	<b>-2.80</b>	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
	51	15,784	15,785	<b>-3.54</b>	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
	52	14,977	14,977	<b>-2.82</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	53	15,709	15,710	<b>-3.48</b>	108.5	0.00	94.92	-	-	0.00	0.00	-	0.00
	54	16,071	16,071	<b>-3.79</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
	55	15,925	15,925	<b>-3.67</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
	56	16,922	16,922	<b>-4.49</b>	108.5	0.00	95.57	-	-	0.00	0.00	-	0.00
	57	16,280	16,280	<b>-3.97</b>	108.5	0.00	95.23	-	-	0.00	0.00	-	0.00
	58	16,662	16,662	<b>-4.28</b>	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
	59	17,403	17,404	<b>-4.87</b>	108.5	0.00	95.81	-	-	0.00	0.00	-	0.00
	60	17,778	17,778	<b>-5.16</b>	108.5	0.00	96.00	-	-	0.00	0.00	-	0.00
Sum		33.54											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H350 H350

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	896	900	<b>35.36</b>	108.5	0.00	70.09	-	-	0.00	0.00	-	0.00
	2	1,331	1,334	<b>30.75</b>	108.5	0.00	73.50	-	-	0.00	0.00	-	0.00
	3	1,979	1,980	<b>25.75</b>	108.5	0.00	76.93	-	-	0.00	0.00	-	0.00
	4	1,864	1,867	<b>26.52</b>	108.5	0.00	76.42	-	-	0.00	0.00	-	0.00
	5	3,344	3,345	<b>18.76</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
	6	3,617	3,618	<b>17.70</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
	7	3,668	3,668	<b>17.51</b>	108.5	0.00	82.29	-	-	0.00	0.00	-	0.00
	8	4,674	4,674	<b>14.09</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
	9	5,332	5,332	<b>12.18</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	10	5,162	5,162	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	11	3,196	3,196	<b>19.37</b>	108.5	0.00	81.09	-	-	0.00	0.00	-	0.00
	12	4,974	4,975	<b>13.19</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	13	6,288	6,288	<b>9.74</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	14	7,219	7,219	<b>7.69</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
	15	7,937	7,937	<b>6.28</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	16	5,351	5,352	<b>12.12</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
	17	5,523	5,523	<b>11.66</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	18	5,836	5,837	<b>10.84</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	19	6,760	6,760	<b>8.67</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	20	7,095	7,096	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	21	7,824	7,825	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	22	9,061	9,061	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	23	10,036	10,036	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	24	6,004	6,005	<b>10.43</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	25	6,145	6,146	<b>10.08</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
	26	6,283	6,284	<b>9.75</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00
	27	7,339	7,340	<b>7.44</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	28	7,433	7,433	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	29	7,571	7,572	<b>6.98</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	30	8,051	8,051	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	31	8,573	8,573	<b>5.14</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	32	9,140	9,140	<b>4.20</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	33	9,344	9,344	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	34	9,213	9,214	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	35	10,536	10,536	<b>2.13</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	36	7,863	7,864	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	37	7,573	7,574	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	38	8,871	8,872	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	39	8,461	8,462	<b>5.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	40	8,416	8,417	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	41	9,162	9,163	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	42	9,193	9,193	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	43	9,658	9,659	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	44	9,825	9,826	<b>3.14</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	45	10,285	10,286	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	46	11,025	11,025	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	47	11,505	11,506	<b>0.87</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	48	12,324	12,324	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	49	14,549	14,550	<b>-2.42</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	50	15,075	15,075	<b>-2.91</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
	51	15,925	15,926	<b>-3.67</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
	52	15,214	15,215	<b>-3.04</b>	108.5	0.00	94.65	-	-	0.00	0.00	-	0.00
	53	15,957	15,958	<b>-3.69</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00
	54	16,299	16,299	<b>-3.98</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	55	16,090	16,090	<b>-3.81</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	56	17,123	17,123	<b>-4.65</b>	108.5	0.00	95.67	-	-	0.00	0.00	-	0.00
	57	16,631	16,631	<b>-4.26</b>	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
	58	16,995	16,996	<b>-4.55</b>	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
	59	17,666	17,666	<b>-5.07</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	60	18,016	18,016	<b>-5.34</b>	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00

Sum 37.78

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H351 H351

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	1,068	1,073	<b>33.34</b>	108.5	0.00	71.61	-	-	0.00	0.00	-	0.00
2	750	757	<b>37.31</b>	108.5	0.00	68.58	-	-	0.00	0.00	-	0.00
3	644	651	<b>38.96</b>	108.5	0.00	67.27	-	-	0.00	0.00	-	0.00
4	1,334	1,339	<b>30.70</b>	108.5	0.00	73.53	-	-	0.00	0.00	-	0.00
5	1,842	1,844	<b>26.68</b>	108.5	0.00	76.32	-	-	0.00	0.00	-	0.00
6	2,502	2,503	<b>22.58</b>	108.5	0.00	78.97	-	-	0.00	0.00	-	0.00
7	2,314	2,315	<b>23.65</b>	108.5	0.00	78.29	-	-	0.00	0.00	-	0.00
8	3,208	3,209	<b>19.32</b>	108.5	0.00	81.13	-	-	0.00	0.00	-	0.00
9	3,779	3,779	<b>17.10</b>	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00
10	3,809	3,810	<b>16.99</b>	108.5	0.00	82.62	-	-	0.00	0.00	-	0.00
11	2,370	2,371	<b>23.32</b>	108.5	0.00	78.50	-	-	0.00	0.00	-	0.00
12	3,955	3,956	<b>16.46</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
13	5,003	5,004	<b>13.11</b>	108.5	0.00	84.99	-	-	0.00	0.00	-	0.00
14	5,980	5,981	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
15	6,654	6,654	<b>8.90</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
16	4,716	4,717	<b>13.96</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
17	4,737	4,738	<b>13.90</b>	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
18	4,944	4,944	<b>13.28</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
19	5,946	5,947	<b>10.57</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
20	6,115	6,116	<b>10.15</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
21	6,711	6,711	<b>8.77</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
22	7,864	7,864	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
23	8,786	8,786	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
24	6,139	6,140	<b>10.09</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
25	6,157	6,158	<b>10.05</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
26	6,157	6,158	<b>10.05</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
27	6,905	6,906	<b>8.35</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
28	6,662	6,662	<b>8.88</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
29	6,940	6,941	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
30	7,197	7,198	<b>7.73</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
31	7,691	7,692	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
32	8,250	8,250	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
33	8,391	8,392	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
34	8,149	8,149	<b>5.89</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
35	9,364	9,364	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
36	8,066	8,067	<b>6.04</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
37	7,671	7,672	<b>6.79</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
38	8,590	8,590	<b>5.11</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
39	8,057	8,058	<b>6.06</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
40	7,869	7,869	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
41	8,670	8,671	<b>4.98</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
42	8,553	8,553	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
43	9,530	9,530	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
44	9,562	9,562	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
45	9,935	9,936	<b>2.98</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
46	11,049	11,049	<b>1.45</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
47	11,447	11,448	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
48	11,956	11,957	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
49	14,064	14,064	<b>-1.96</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
50	14,445	14,445	<b>-2.33</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
51	15,325	15,325	<b>-3.14</b>	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
52	14,798	14,798	<b>-2.66</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
53	15,554	15,555	<b>-3.34</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
54	15,856	15,856	<b>-3.61</b>	108.5	0.00	95.00	-	-	0.00	0.00	-	0.00
55	15,532	15,532	<b>-3.32</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
56	16,623	16,624	<b>-4.25</b>	108.5	0.00	95.41	-	-	0.00	0.00	-	0.00
57	16,424	16,424	<b>-4.09</b>	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
58	16,751	16,751	<b>-4.35</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
59	17,279	17,279	<b>-4.77</b>	108.5	0.00	95.75	-	-	0.00	0.00	-	0.00
60	17,581	17,581	<b>-5.01</b>	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00

Sum 42.60

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H352 H352

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	1,760	1,763	<b>27.26</b>	108.5	0.00	75.93	-	-	0.00	0.00	-	0.00
	2	1,446	1,450	<b>29.72</b>	108.5	0.00	74.23	-	-	0.00	0.00	-	0.00
	3	1,106	1,110	<b>32.95</b>	108.5	0.00	71.91	-	-	0.00	0.00	-	0.00
	4	1,956	1,960	<b>25.88</b>	108.5	0.00	76.84	-	-	0.00	0.00	-	0.00
	5	1,797	1,799	<b>27.00</b>	108.5	0.00	76.10	-	-	0.00	0.00	-	0.00
	6	2,743	2,744	<b>21.34</b>	108.5	0.00	79.77	-	-	0.00	0.00	-	0.00
	7	2,387	2,389	<b>23.22</b>	108.5	0.00	78.56	-	-	0.00	0.00	-	0.00
	8	3,107	3,108	<b>19.74</b>	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
	9	3,542	3,543	<b>17.98</b>	108.5	0.00	81.99	-	-	0.00	0.00	-	0.00
	10	3,798	3,798	<b>17.03</b>	108.5	0.00	82.59	-	-	0.00	0.00	-	0.00
	11	2,776	2,778	<b>21.19</b>	108.5	0.00	79.87	-	-	0.00	0.00	-	0.00
	12	4,173	4,174	<b>15.71</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
	13	5,014	5,015	<b>13.07</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	14	6,007	6,007	<b>10.42</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	15	6,638	6,638	<b>8.94</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
	16	5,094	5,095	<b>12.84</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	17	5,050	5,051	<b>12.97</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	18	5,199	5,200	<b>12.54</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	19	6,220	6,220	<b>9.90</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	20	6,300	6,301	<b>9.71</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	21	6,809	6,810	<b>8.56</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	22	7,895	7,896	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	23	8,773	8,773	<b>4.80</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	24	6,729	6,730	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	25	6,717	6,718	<b>8.76</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	26	6,681	6,682	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	27	7,321	7,322	<b>7.48</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	28	6,944	6,945	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	29	7,280	7,280	<b>7.56</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	30	7,433	7,433	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	31	7,907	7,908	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	32	8,456	8,456	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	33	8,563	8,563	<b>5.16</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	34	8,260	8,261	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	35	9,399	9,399	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	36	8,656	8,657	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	37	8,239	8,240	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	38	9,042	9,043	<b>4.36</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	39	8,473	8,473	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	40	8,232	8,232	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	41	9,047	9,048	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	42	8,872	8,872	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	43	10,025	10,025	<b>2.85</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
	44	10,014	10,015	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	45	10,355	10,356	<b>2.38</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	46	11,580	11,581	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	47	11,954	11,955	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	48	12,361	12,361	<b>-0.15</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	49	14,416	14,416	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	50	14,737	14,737	<b>-2.60</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	51	15,627	15,627	<b>-3.41</b>	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
	52	15,174	15,175	<b>-3.00</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	53	15,934	15,934	<b>-3.67</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00
	54	16,219	16,219	<b>-3.91</b>	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
	55	15,851	15,851	<b>-3.60</b>	108.5	0.00	95.00	-	-	0.00	0.00	-	0.00
	56	16,963	16,963	<b>-4.52</b>	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
	57	16,870	16,870	<b>-4.45</b>	108.5	0.00	95.54	-	-	0.00	0.00	-	0.00
	58	17,184	17,184	<b>-4.70</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
	59	17,660	17,660	<b>-5.07</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	60	17,944	17,944	<b>-5.28</b>	108.5	0.00	96.08	-	-	0.00	0.00	-	0.00

Sum 37.23

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H353 H353

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,078	2,081	<b>25.09</b>	108.5	0.00	77.37	-	-	0.00	0.00	-	0.00
	2	1,706	1,710	<b>27.65</b>	108.5	0.00	75.66	-	-	0.00	0.00	-	0.00
	3	1,208	1,212	<b>31.90</b>	108.5	0.00	72.67	-	-	0.00	0.00	-	0.00
	4	2,101	2,104	<b>24.94</b>	108.5	0.00	77.46	-	-	0.00	0.00	-	0.00
	5	1,522	1,524	<b>29.10</b>	108.5	0.00	74.66	-	-	0.00	0.00	-	0.00
	6	2,583	2,585	<b>22.13</b>	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
	7	2,147	2,149	<b>24.66</b>	108.5	0.00	77.64	-	-	0.00	0.00	-	0.00
	8	2,769	2,770	<b>21.22</b>	108.5	0.00	79.85	-	-	0.00	0.00	-	0.00
	9	3,154	3,155	<b>19.54</b>	108.5	0.00	80.98	-	-	0.00	0.00	-	0.00
	10	3,489	3,490	<b>18.19</b>	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	11	2,721	2,723	<b>21.44</b>	108.5	0.00	79.70	-	-	0.00	0.00	-	0.00
	12	3,974	3,975	<b>16.40</b>	108.5	0.00	82.99	-	-	0.00	0.00	-	0.00
	13	4,705	4,706	<b>13.99</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	14	5,699	5,700	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	15	6,311	6,312	<b>9.69</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	16	4,983	4,984	<b>13.16</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
	17	4,898	4,899	<b>13.41</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	18	5,011	5,012	<b>13.08</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
	19	6,036	6,037	<b>10.35</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	20	6,067	6,068	<b>10.27</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	21	6,531	6,532	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
	22	7,584	7,585	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	23	8,442	8,442	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	24	6,782	6,783	<b>8.62</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	25	6,741	6,742	<b>8.71</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	26	6,671	6,672	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	27	7,225	7,226	<b>7.68</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	28	6,762	6,763	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	29	7,132	7,133	<b>7.87</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	30	7,222	7,223	<b>7.68</b>	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
	31	7,684	7,685	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	32	8,226	8,226	<b>5.75</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	33	8,315	8,316	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	34	7,984	7,985	<b>6.19</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	35	9,086	9,087	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	36	8,704	8,705	<b>4.92</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	37	8,266	8,267	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	38	8,968	8,968	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	39	8,372	8,372	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	40	8,096	8,096	<b>5.99</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	41	8,918	8,919	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	42	8,706	8,707	<b>4.92</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	43	9,981	9,982	<b>2.91</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	44	9,937	9,937	<b>2.98</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	45	10,254	10,255	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	46	11,566	11,566	<b>0.79</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	47	11,917	11,918	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	48	12,244	12,245	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	49	14,262	14,262	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	50	14,545	14,546	<b>-2.42</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	51	15,441	15,441	<b>-3.24</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	52	15,036	15,036	<b>-2.88</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
	53	15,796	15,797	<b>-3.55</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00
	54	16,071	16,071	<b>-3.79</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
	55	15,675	15,675	<b>-3.45</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
	56	16,799	16,799	<b>-4.39</b>	108.5	0.00	95.51	-	-	0.00	0.00	-	0.00
	57	16,779	16,780	<b>-4.38</b>	108.5	0.00	95.50	-	-	0.00	0.00	-	0.00
	58	17,083	17,084	<b>-4.62</b>	108.5	0.00	95.65	-	-	0.00	0.00	-	0.00
	59	17,522	17,523	<b>-4.96</b>	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
	60	17,794	17,794	<b>-5.17</b>	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
Sum	36.77												

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H354 H354

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,217	2,220	<b>24.22</b>	108.5	0.00	77.93	-	-	0.00	0.00	-	0.00
	2	1,753	1,757	<b>27.31</b>	108.5	0.00	75.89	-	-	0.00	0.00	-	0.00
	3	1,063	1,067	<b>33.40</b>	108.5	0.00	71.57	-	-	0.00	0.00	-	0.00
	4	1,838	1,842	<b>26.69</b>	108.5	0.00	76.30	-	-	0.00	0.00	-	0.00
	5	663	669	<b>38.67</b>	108.5	0.00	67.50	-	-	0.00	0.00	-	0.00
	6	1,781	1,783	<b>27.11</b>	108.5	0.00	76.02	-	-	0.00	0.00	-	0.00
	7	1,294	1,296	<b>31.09</b>	108.5	0.00	73.25	-	-	0.00	0.00	-	0.00
	8	1,953	1,955	<b>25.91</b>	108.5	0.00	76.82	-	-	0.00	0.00	-	0.00
	9	2,447	2,448	<b>22.89</b>	108.5	0.00	78.77	-	-	0.00	0.00	-	0.00
	10	2,645	2,647	<b>21.80</b>	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
	11	2,044	2,046	<b>25.31</b>	108.5	0.00	77.22	-	-	0.00	0.00	-	0.00
	12	3,131	3,132	<b>19.64</b>	108.5	0.00	80.92	-	-	0.00	0.00	-	0.00
	13	3,862	3,863	<b>16.79</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	14	4,856	4,857	<b>13.54</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
	15	5,483	5,483	<b>11.77</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	16	4,201	4,203	<b>15.61</b>	108.5	0.00	83.47	-	-	0.00	0.00	-	0.00
	17	4,081	4,082	<b>16.02</b>	108.5	0.00	83.22	-	-	0.00	0.00	-	0.00
	18	4,172	4,173	<b>15.71</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
	19	5,196	5,197	<b>12.55</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	20	5,210	5,211	<b>12.51</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
	21	5,676	5,676	<b>11.26</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
	22	6,744	6,744	<b>8.70</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
	23	7,617	7,618	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	24	6,193	6,195	<b>9.96</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	25	6,109	6,110	<b>10.17</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	26	5,994	5,995	<b>10.45</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	27	6,447	6,448	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	28	5,922	5,923	<b>10.63</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	29	6,312	6,313	<b>9.68</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	30	6,370	6,371	<b>9.55</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	31	6,829	6,829	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	32	7,369	7,370	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	33	7,456	7,457	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	34	7,128	7,129	<b>7.88</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	35	8,247	8,247	<b>5.72</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	36	8,096	8,097	<b>5.99</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	37	7,629	7,630	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	38	8,206	8,207	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	39	7,587	7,587	<b>6.95</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	40	7,283	7,283	<b>7.56</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	41	8,110	8,110	<b>5.96</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	42	7,873	7,873	<b>6.40</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	43	9,250	9,251	<b>4.02</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	44	9,171	9,171	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	45	9,465	9,466	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	46	10,866	10,866	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	47	11,191	11,192	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	48	11,441	11,442	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	49	13,432	13,433	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	50	13,698	13,698	<b>-1.59</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	51	14,595	14,595	<b>-2.47</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	52	14,216	14,216	<b>-2.10</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	53	14,977	14,977	<b>-2.82</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
	54	15,245	15,245	<b>-3.07</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
	55	14,833	14,834	<b>-2.69</b>	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
	56	15,964	15,964	<b>-3.70</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00
	57	15,996	15,996	<b>-3.73</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
	58	16,291	16,291	<b>-3.98</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	59	16,702	16,703	<b>-4.31</b>	108.5	0.00	95.46	-	-	0.00	0.00	-	0.00
	60	16,966	16,966	<b>-4.53</b>	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00

Sum 41.52

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H355 H355

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,772	8,773	<b>4.80</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	2	8,476	8,477	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	3	8,155	8,156	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	4	7,798	7,799	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	5	7,309	7,309	<b>7.51</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	6	6,310	6,311	<b>9.69</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	7	6,675	6,676	<b>8.85</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	8	6,318	6,318	<b>9.67</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	9	6,524	6,525	<b>9.19</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	10	5,533	5,533	<b>11.63</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	11	6,490	6,491	<b>9.27</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
	12	4,864	4,865	<b>13.51</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	13	4,484	4,485	<b>14.68</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	14	3,683	3,684	<b>17.45</b>	108.5	0.00	82.33	-	-	0.00	0.00	-	0.00
	15	3,616	3,617	<b>17.70</b>	108.5	0.00	82.17	-	-	0.00	0.00	-	0.00
	16	4,281	4,282	<b>15.35</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	17	4,102	4,103	<b>15.95</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	18	3,855	3,857	<b>16.82</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	19	2,867	2,869	<b>20.78</b>	108.5	0.00	80.15	-	-	0.00	0.00	-	0.00
	20	2,773	2,774	<b>21.20</b>	108.5	0.00	79.86	-	-	0.00	0.00	-	0.00
	21	2,675	2,677	<b>21.65</b>	108.5	0.00	79.55	-	-	0.00	0.00	-	0.00
	22	2,712	2,713	<b>21.48</b>	108.5	0.00	79.67	-	-	0.00	0.00	-	0.00
	23	3,201	3,201	<b>19.35</b>	108.5	0.00	81.11	-	-	0.00	0.00	-	0.00
	24	5,452	5,453	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	25	4,989	4,990	<b>13.14</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
	26	4,486	4,488	<b>14.68</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	27	2,927	2,929	<b>20.51</b>	108.5	0.00	80.33	-	-	0.00	0.00	-	0.00
	28	2,184	2,186	<b>24.43</b>	108.5	0.00	77.79	-	-	0.00	0.00	-	0.00
	29	2,214	2,216	<b>24.24</b>	108.5	0.00	77.91	-	-	0.00	0.00	-	0.00
	30	1,604	1,607	<b>28.44</b>	108.5	0.00	75.12	-	-	0.00	0.00	-	0.00
	31	1,151	1,155	<b>32.47</b>	108.5	0.00	72.25	-	-	0.00	0.00	-	0.00
	32	695	702	<b>38.14</b>	108.5	0.00	67.93	-	-	0.00	0.00	-	0.00
	33	955	960	<b>34.64</b>	108.5	0.00	70.64	-	-	0.00	0.00	-	0.00
	34	1,734	1,736	<b>27.46</b>	108.5	0.00	75.79	-	-	0.00	0.00	-	0.00
	35	2,724	2,725	<b>21.43</b>	108.5	0.00	79.71	-	-	0.00	0.00	-	0.00
	36	5,572	5,574	<b>11.52</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	37	5,058	5,059	<b>12.94</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	38	3,145	3,148	<b>19.57</b>	108.5	0.00	80.96	-	-	0.00	0.00	-	0.00
	39	2,552	2,555	<b>22.29</b>	108.5	0.00	79.15	-	-	0.00	0.00	-	0.00
	40	1,893	1,897	<b>26.31</b>	108.5	0.00	76.56	-	-	0.00	0.00	-	0.00
	41	1,977	1,980	<b>25.75</b>	108.5	0.00	76.93	-	-	0.00	0.00	-	0.00
	42	1,138	1,143	<b>32.60</b>	108.5	0.00	72.16	-	-	0.00	0.00	-	0.00
	43	4,146	4,148	<b>15.80</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
	44	3,416	3,418	<b>18.47</b>	108.5	0.00	81.68	-	-	0.00	0.00	-	0.00
	45	3,076	3,078	<b>19.86</b>	108.5	0.00	80.77	-	-	0.00	0.00	-	0.00
	46	5,644	5,646	<b>11.33</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	47	5,444	5,446	<b>11.87</b>	108.5	0.00	85.72	-	-	0.00	0.00	-	0.00
	48	4,280	4,281	<b>15.35</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	49	5,700	5,701	<b>11.19</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	50	5,756	5,758	<b>11.05</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	51	6,665	6,666	<b>8.88</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	52	6,586	6,587	<b>9.05</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	53	7,334	7,335	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	54	7,510	7,511	<b>7.10</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	55	6,940	6,941	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	56	8,119	8,120	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	57	8,785	8,786	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	58	8,956	8,957	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	59	9,018	9,019	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	60	9,191	9,192	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00

Sum 42.44

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H356 H356

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,776	11,777	0.54	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
2	11,397	11,398	1.00	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
3	10,919	10,920	1.62	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
4	10,802	10,803	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
5	9,777	9,778	3.22	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
6	9,083	9,084	4.29	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
7	9,224	9,225	4.07	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
8	8,500	8,501	5.27	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
9	8,325	8,326	5.58	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
10	7,776	7,777	6.59	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
11	9,475	9,476	3.67	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
12	7,692	7,693	6.75	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
13	6,559	6,560	9.11	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
14	5,566	5,568	11.54	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
15	4,966	4,967	13.21	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
16	7,644	7,645	6.84	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
17	7,298	7,300	7.52	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
18	6,902	6,903	8.36	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
19	6,153	6,154	10.06	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
20	5,619	5,621	11.40	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
21	4,844	4,845	13.57	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
22	3,678	3,680	17.47	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
23	2,893	2,895	20.66	108.5	0.00	80.23	-	-	0.00	0.00	-	0.00
24	9,297	9,298	3.95	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
25	8,830	8,831	4.71	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
26	8,314	8,316	5.59	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
27	6,771	6,773	8.64	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
28	5,669	5,671	11.27	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
29	5,961	5,963	10.53	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
30	4,951	4,953	13.25	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
31	4,435	4,437	14.84	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
32	3,941	3,943	16.51	108.5	0.00	82.92	-	-	0.00	0.00	-	0.00
33	3,573	3,576	17.86	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00
34	3,478	3,480	18.23	108.5	0.00	81.83	-	-	0.00	0.00	-	0.00
35	2,175	2,178	24.48	108.5	0.00	77.76	-	-	0.00	0.00	-	0.00
36	9,417	9,418	3.76	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
37	8,923	8,924	4.55	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
38	6,896	6,897	8.37	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
39	6,402	6,404	9.47	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
40	5,773	5,775	11.00	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
41	5,721	5,723	11.13	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
42	4,964	4,966	13.22	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
43	7,689	7,691	6.75	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
44	6,888	6,890	8.38	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
45	6,340	6,342	9.61	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
46	8,864	8,866	4.65	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
47	8,449	8,451	5.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
48	6,472	6,474	9.31	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
49	6,463	6,465	9.33	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
50	5,619	5,621	11.40	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
51	6,412	6,414	9.45	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
52	7,393	7,395	7.33	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
53	7,968	7,970	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
54	7,885	7,887	6.38	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
55	6,853	6,855	8.46	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
56	8,049	8,050	6.07	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
57	9,942	9,943	2.97	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
58	9,908	9,910	3.02	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
59	9,305	9,306	3.94	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
60	9,215	9,217	4.08	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00

Sum 30.10



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H357 H357

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	13,834	13,834	-1.73	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	2	13,484	13,485	-1.37	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	3	13,057	13,058	-0.92	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	4	12,852	12,853	-0.70	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	5	11,988	11,988	0.28	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	6	11,197	11,198	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	7	11,407	11,407	0.99	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	8	10,759	10,759	1.83	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	9	10,649	10,649	1.98	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	10	10,009	10,009	2.87	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	11	11,519	11,519	0.85	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	12	9,764	9,764	3.24	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	13	8,797	8,798	4.76	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	14	7,806	7,806	6.53	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	15	7,268	7,269	7.59	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	16	9,488	9,489	3.65	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	17	9,219	9,220	4.07	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	18	8,876	8,876	4.63	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	19	8,004	8,005	6.16	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	20	7,616	7,617	6.89	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	21	6,978	6,979	8.19	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	22	5,948	5,948	10.56	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	23	5,269	5,269	12.35	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	24	10,667	10,667	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	25	10,216	10,217	2.58	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	26	9,736	9,737	3.28	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	27	8,181	8,182	5.83	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	28	7,406	7,407	7.31	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	29	7,517	7,518	7.09	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	30	6,721	6,722	8.75	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	31	6,187	6,189	9.98	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	32	5,629	5,630	11.38	108.5	0.00	86.01	-	-	0.00	0.00	-	0.00
	33	5,375	5,376	12.05	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	34	5,534	5,535	11.63	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	35	4,483	4,484	14.69	108.5	0.00	84.03	-	-	0.00	0.00	-	0.00
	36	10,378	10,379	2.35	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	37	9,976	9,977	2.92	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	38	7,797	7,798	6.54	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	39	7,518	7,519	7.08	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	40	7,052	7,054	8.03	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	41	6,727	6,729	8.74	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	42	6,161	6,162	10.04	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	43	8,279	8,281	5.66	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	44	7,488	7,489	7.15	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	45	6,837	6,838	8.50	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	46	9,052	9,053	4.34	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	47	8,494	8,495	5.28	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	48	6,216	6,217	9.91	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	49	5,324	5,325	12.19	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	50	4,110	4,112	15.92	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
	51	4,699	4,701	14.01	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
	52	6,136	6,137	10.10	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	53	6,545	6,546	9.14	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	54	6,331	6,332	9.64	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	55	5,170	5,172	12.62	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	56	6,252	6,254	9.82	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	57	8,640	8,641	5.03	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	58	8,496	8,498	5.27	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	59	7,590	7,592	6.94	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	60	7,382	7,384	7.35	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00

Sum 26.17

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H358 H358

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,628	14,628	-2.50	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	2	14,348	14,348	-2.23	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	3	14,039	14,039	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	4	13,661	13,662	-1.55	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	5	13,164	13,164	-1.03	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	6	12,192	12,192	0.05	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	7	12,537	12,538	-0.35	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	8	12,090	12,090	0.16	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	9	12,164	12,164	0.08	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	10	11,306	11,306	1.12	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	11	12,365	12,365	-0.15	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	12	10,743	10,743	1.85	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	13	10,162	10,163	2.65	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	14	9,229	9,230	4.06	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	15	8,871	8,871	4.64	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	16	10,102	10,103	2.74	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	17	9,972	9,972	2.93	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	18	9,739	9,739	3.27	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	19	8,743	8,744	4.85	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	20	8,616	8,616	5.07	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	21	8,263	8,263	5.69	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	22	7,576	7,576	6.97	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	23	7,210	7,210	7.71	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	24	10,518	10,518	2.16	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	25	10,120	10,121	2.71	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	26	9,721	9,721	3.30	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	27	8,289	8,290	5.64	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	28	8,040	8,041	6.09	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	29	7,894	7,894	6.36	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	30	7,486	7,486	7.15	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	31	7,003	7,004	8.14	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	32	6,457	6,458	9.35	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	33	6,392	6,392	9.50	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
	34	6,860	6,860	8.45	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	35	6,344	6,345	9.61	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	36	9,720	9,721	3.30	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	37	9,462	9,463	3.69	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	38	7,310	7,310	7.50	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
	39	7,331	7,332	7.46	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
	40	7,134	7,135	7.86	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	41	6,524	6,525	9.19	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	42	6,292	6,292	9.73	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	43	7,360	7,361	7.40	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	44	6,677	6,678	8.85	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	45	6,004	6,005	10.42	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	46	7,595	7,596	6.93	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	47	6,929	6,930	8.30	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	48	4,607	4,608	14.30	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
	49	2,868	2,870	20.77	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
	50	1,451	1,455	29.68	108.5	0.00	74.26	-	-	0.00	0.00	-	0.00
	51	1,844	1,847	26.66	108.5	0.00	76.33	-	-	0.00	0.00	-	0.00
	52	3,492	3,493	18.18	108.5	0.00	81.86	-	-	0.00	0.00	-	0.00
	53	3,770	3,772	17.12	108.5	0.00	82.53	-	-	0.00	0.00	-	0.00
	54	3,500	3,502	18.14	108.5	0.00	81.89	-	-	0.00	0.00	-	0.00
	55	2,315	2,318	23.63	108.5	0.00	78.30	-	-	0.00	0.00	-	0.00
	56	3,388	3,390	18.58	108.5	0.00	81.60	-	-	0.00	0.00	-	0.00
	57	5,880	5,882	10.73	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	58	5,689	5,691	11.22	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
	59	4,722	4,724	13.94	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	60	4,530	4,531	14.54	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00

Sum 33.59

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H359 H359

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,505	10,505	2.17	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
2	10,514	10,515	2.16	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
3	10,660	10,660	1.96	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
4	9,853	9,854	3.10	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
5	10,673	10,673	1.95	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
6	9,472	9,472	3.68	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
7	10,118	10,118	2.72	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
8	10,477	10,477	2.21	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
9	11,121	11,121	1.35	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
10	9,899	9,899	3.04	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
11	9,112	9,112	4.25	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
12	8,614	8,614	5.07	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
13	9,500	9,500	3.64	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
14	9,248	9,248	4.03	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
15	9,611	9,611	3.47	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
16	7,219	7,220	7.69	108.5	0.00	88.17	-	-	0.00	0.00	-	0.00
17	7,584	7,584	6.96	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
18	7,819	7,819	6.50	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
19	7,147	7,147	7.84	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
20	7,837	7,837	6.47	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
21	8,513	8,513	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
22	9,210	9,210	4.09	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
23	9,890	9,890	3.05	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
24	5,049	5,050	12.97	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
25	5,055	5,056	12.95	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
26	5,174	5,175	12.61	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
27	5,298	5,299	12.27	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
28	6,730	6,730	8.73	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
29	6,026	6,026	10.37	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
30	7,015	7,015	8.12	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
31	7,121	7,121	7.89	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
32	7,165	7,165	7.80	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
33	7,583	7,583	6.96	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
34	8,311	8,311	5.60	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
35	9,437	9,437	3.73	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
36	3,130	3,131	19.64	108.5	0.00	80.91	-	-	0.00	0.00	-	0.00
37	3,531	3,532	18.03	108.5	0.00	81.96	-	-	0.00	0.00	-	0.00
38	3,780	3,781	17.09	108.5	0.00	82.55	-	-	0.00	0.00	-	0.00
39	4,573	4,574	14.40	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
40	5,310	5,311	12.24	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
41	4,798	4,798	13.71	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
42	5,643	5,643	11.34	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
43	2,603	2,604	22.03	108.5	0.00	79.31	-	-	0.00	0.00	-	0.00
44	3,304	3,305	18.92	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00
45	3,753	3,754	17.19	108.5	0.00	82.49	-	-	0.00	0.00	-	0.00
46	1,261	1,265	31.39	108.5	0.00	73.04	-	-	0.00	0.00	-	0.00
47	1,889	1,891	26.35	108.5	0.00	76.54	-	-	0.00	0.00	-	0.00
48	4,228	4,228	15.53	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
49	6,265	6,265	9.80	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
50	7,571	7,571	6.98	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
51	7,982	7,982	6.20	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
52	6,314	6,315	9.68	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
53	6,816	6,816	8.54	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
54	7,316	7,316	7.49	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
55	7,836	7,837	6.47	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
56	8,306	8,306	5.61	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
57	6,452	6,453	9.36	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
58	6,931	6,932	8.29	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
59	8,172	8,173	5.85	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
60	8,716	8,717	4.90	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00

Sum 34.28

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H360 H360

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,068	14,068	-1.96	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	2	13,905	13,905	-1.80	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	3	13,784	13,784	-1.68	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	4	13,189	13,190	-1.06	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	5	13,253	13,253	-1.13	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	6	12,104	12,104	0.15	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	7	12,613	12,613	-0.43	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	8	12,492	12,492	-0.30	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	9	12,828	12,828	-0.67	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	10	11,733	11,733	0.59	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	11	12,051	12,051	0.21	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	12	10,783	10,784	1.80	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	13	10,811	10,811	1.76	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	14	10,081	10,081	2.77	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	15	10,016	10,016	2.86	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	16	9,716	9,716	3.31	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	17	9,796	9,797	3.19	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	18	9,749	9,749	3.26	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	19	8,744	8,744	4.85	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	20	8,990	8,991	4.44	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	21	9,080	9,080	4.30	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	22	8,964	8,964	4.49	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	23	9,061	9,061	4.33	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	24	9,014	9,014	4.40	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	25	8,742	8,742	4.86	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	26	8,513	8,513	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	27	7,507	7,507	7.11	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	28	8,036	8,036	6.10	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	29	7,570	7,570	6.98	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	30	7,779	7,779	6.58	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	31	7,484	7,484	7.16	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	32	7,107	7,107	7.92	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	33	7,294	7,294	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	34	8,018	8,018	6.13	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	35	8,263	8,263	5.69	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	36	7,608	7,608	6.91	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	37	7,589	7,589	6.95	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	38	5,901	5,901	10.68	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	39	6,356	6,356	9.58	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	40	6,594	6,595	9.03	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	41	5,768	5,768	11.02	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
	42	6,084	6,084	10.23	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	43	5,286	5,286	12.30	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	44	4,960	4,961	13.23	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	45	4,491	4,492	14.66	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
	46	4,648	4,649	14.17	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	47	3,938	3,940	16.52	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
	48	2,456	2,457	22.83	108.5	0.00	78.81	-	-	0.00	0.00	-	0.00
	49	1,185	1,187	32.15	108.5	0.00	72.49	-	-	0.00	0.00	-	0.00
	50	2,543	2,544	22.35	108.5	0.00	79.11	-	-	0.00	0.00	-	0.00
	51	2,539	2,540	22.37	108.5	0.00	79.10	-	-	0.00	0.00	-	0.00
	52	671	675	38.56	108.5	0.00	67.59	-	-	0.00	0.00	-	0.00
	53	1,237	1,239	31.64	108.5	0.00	72.86	-	-	0.00	0.00	-	0.00
	54	1,692	1,694	27.77	108.5	0.00	75.58	-	-	0.00	0.00	-	0.00
	55	2,271	2,272	23.90	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
	56	2,672	2,673	21.67	108.5	0.00	79.54	-	-	0.00	0.00	-	0.00
	57	2,433	2,434	22.96	108.5	0.00	78.73	-	-	0.00	0.00	-	0.00
	58	2,547	2,549	22.33	108.5	0.00	79.13	-	-	0.00	0.00	-	0.00
	59	2,898	2,899	20.64	108.5	0.00	80.25	-	-	0.00	0.00	-	0.00
	60	3,301	3,302	18.93	108.5	0.00	81.38	-	-	0.00	0.00	-	0.00

Sum 41.02

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H361 H361

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,002	15,002	-2.85	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	2	14,840	14,840	-2.70	108.5	0.00	94.43	-	-	0.00	0.00	-	0.00
	3	14,718	14,719	-2.58	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	4	14,124	14,124	-2.01	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	5	14,181	14,181	-2.07	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	6	13,035	13,035	-0.90	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	7	13,541	13,541	-1.43	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	8	13,408	13,408	-1.29	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
	9	13,730	13,730	-1.62	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	10	12,645	12,645	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	11	12,985	12,985	-0.84	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	12	11,709	11,709	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	13	11,708	11,708	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
	14	10,959	10,960	1.56	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	15	10,870	10,870	1.68	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	16	10,649	10,649	1.98	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	17	10,726	10,726	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	18	10,673	10,673	1.95	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	19	9,665	9,665	3.38	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	20	9,895	9,895	3.04	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	21	9,955	9,955	2.95	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	22	9,785	9,785	3.20	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	23	9,827	9,827	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	24	9,925	9,925	3.00	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	25	9,661	9,661	3.39	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	26	9,439	9,439	3.73	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	27	8,442	8,442	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	28	8,954	8,954	4.50	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	29	8,498	8,498	5.27	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	30	8,680	8,680	4.96	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	31	8,370	8,370	5.50	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	32	7,976	7,976	6.21	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	33	8,143	8,143	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	34	8,852	8,852	4.67	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	35	9,010	9,010	4.41	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	36	8,478	8,478	5.31	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	37	8,482	8,482	5.30	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	38	6,831	6,831	8.51	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	39	7,290	7,291	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	40	7,524	7,524	7.08	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	41	6,699	6,700	8.80	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	42	6,998	6,998	8.15	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	43	6,186	6,186	9.98	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	44	5,886	5,886	10.72	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	45	5,425	5,426	11.92	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	46	5,434	5,435	11.89	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	47	4,738	4,739	13.89	108.5	0.00	84.51	-	-	0.00	0.00	-	0.00
	48	3,391	3,392	18.57	108.5	0.00	81.61	-	-	0.00	0.00	-	0.00
	49	1,723	1,725	27.54	108.5	0.00	75.74	-	-	0.00	0.00	-	0.00
	50	2,758	2,759	21.27	108.5	0.00	79.81	-	-	0.00	0.00	-	0.00
	51	2,426	2,427	23.00	108.5	0.00	78.70	-	-	0.00	0.00	-	0.00
	52	774	779	36.99	108.5	0.00	68.83	-	-	0.00	0.00	-	0.00
	53	513	519	41.38	108.5	0.00	65.30	-	-	0.00	0.00	-	0.00
	54	1,026	1,030	33.82	108.5	0.00	71.25	-	-	0.00	0.00	-	0.00
	55	2,028	2,030	25.42	108.5	0.00	77.15	-	-	0.00	0.00	-	0.00
	56	1,991	1,992	25.66	108.5	0.00	76.99	-	-	0.00	0.00	-	0.00
	57	1,790	1,793	27.04	108.5	0.00	76.07	-	-	0.00	0.00	-	0.00
	58	1,758	1,761	27.27	108.5	0.00	75.92	-	-	0.00	0.00	-	0.00
	59	1,977	1,979	25.76	108.5	0.00	76.93	-	-	0.00	0.00	-	0.00
	60	2,421	2,423	23.03	108.5	0.00	78.69	-	-	0.00	0.00	-	0.00

Sum 43.92

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H362 H362

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,877	14,877	-2.73	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	2	14,777	14,778	-2.64	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00
	3	14,752	14,753	-2.62	108.5	0.00	94.38	-	-	0.00	0.00	-	0.00
	4	14,069	14,070	-1.96	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	5	14,396	14,396	-2.28	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	6	13,205	13,205	-1.08	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	7	13,770	13,771	-1.66	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	8	13,794	13,794	-1.69	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	9	14,226	14,226	-2.11	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	10	13,069	13,069	-0.93	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	11	13,048	13,048	-0.91	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	12	11,993	11,993	0.28	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	13	12,267	12,268	-0.04	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	14	11,639	11,639	0.70	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	15	11,677	11,677	0.66	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	16	10,784	10,785	1.80	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	17	10,957	10,957	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	18	10,993	10,993	1.52	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	19	10,040	10,040	2.83	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	20	10,423	10,423	2.29	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	21	10,669	10,669	1.95	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	22	10,739	10,739	1.86	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	23	10,957	10,957	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	24	9,530	9,530	3.59	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	25	9,352	9,352	3.86	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	26	9,238	9,238	4.05	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	27	8,540	8,541	5.20	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	28	9,376	9,377	3.83	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	29	8,811	8,812	4.74	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	30	9,254	9,254	4.02	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	31	9,046	9,047	4.35	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	32	8,753	8,753	4.84	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	33	9,007	9,007	4.42	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	34	9,767	9,767	3.23	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	35	10,201	10,201	2.60	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	36	7,837	7,838	6.47	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	37	7,986	7,986	6.19	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
	38	6,784	6,785	8.61	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	39	7,412	7,412	7.30	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	40	7,831	7,831	6.48	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	41	7,005	7,005	8.14	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	42	7,516	7,516	7.09	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	43	5,845	5,846	10.82	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
	44	5,816	5,816	10.90	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	45	5,561	5,562	11.55	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	46	4,593	4,594	14.34	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
	47	4,016	4,017	16.25	108.5	0.00	83.08	-	-	0.00	0.00	-	0.00
	48	3,800	3,801	17.02	108.5	0.00	82.60	-	-	0.00	0.00	-	0.00
	49	3,362	3,363	18.69	108.5	0.00	81.53	-	-	0.00	0.00	-	0.00
	50	4,666	4,667	14.11	108.5	0.00	84.38	-	-	0.00	0.00	-	0.00
	51	4,458	4,459	14.77	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	52	2,613	2,615	21.97	108.5	0.00	79.35	-	-	0.00	0.00	-	0.00
	53	2,533	2,535	22.40	108.5	0.00	79.08	-	-	0.00	0.00	-	0.00
	54	3,008	3,010	20.16	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
	55	4,071	4,073	16.05	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
	56	3,864	3,865	16.79	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	57	1,271	1,275	31.30	108.5	0.00	73.11	-	-	0.00	0.00	-	0.00
	58	1,766	1,769	27.22	108.5	0.00	75.95	-	-	0.00	0.00	-	0.00
	59	3,220	3,221	19.26	108.5	0.00	81.16	-	-	0.00	0.00	-	0.00
	60	3,829	3,830	16.91	108.5	0.00	82.66	-	-	0.00	0.00	-	0.00

Sum 34.64

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H363 H363

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,765	17,766	-5.15	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
2	17,595	17,595	-5.02	108.5	0.00	95.91	-	-	0.00	0.00	-	0.00
3	17,457	17,457	-4.91	108.5	0.00	95.84	-	-	0.00	0.00	-	0.00
4	16,880	16,880	-4.46	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
5	16,876	16,876	-4.45	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
6	15,748	15,748	-3.51	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
7	16,234	16,234	-3.93	108.5	0.00	95.21	-	-	0.00	0.00	-	0.00
8	16,047	16,047	-3.77	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00
9	16,320	16,320	-4.00	108.5	0.00	95.25	-	-	0.00	0.00	-	0.00
10	15,274	15,274	-3.09	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00
11	15,723	15,723	-3.49	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
12	14,395	14,395	-2.28	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
13	14,283	14,283	-2.17	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
14	13,480	13,480	-1.37	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
15	13,314	13,314	-1.19	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
16	13,381	13,381	-1.26	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
17	13,433	13,433	-1.32	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
18	13,354	13,354	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
19	12,336	12,336	-0.12	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
20	12,504	12,504	-0.31	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
21	12,470	12,470	-0.27	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
22	12,145	12,145	0.10	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
23	12,036	12,036	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
24	12,695	12,696	-0.53	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
25	12,435	12,436	-0.23	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
26	12,214	12,214	0.02	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
27	11,191	11,192	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
28	11,616	11,616	0.73	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
29	11,199	11,199	1.25	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
30	11,286	11,286	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
31	10,932	10,932	1.60	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
32	10,492	10,492	2.19	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
33	10,604	10,604	2.04	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
34	11,261	11,261	1.18	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
35	11,183	11,183	1.28	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
36	11,209	11,209	1.24	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
37	11,239	11,239	1.20	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
38	9,603	9,604	3.48	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
39	10,043	10,044	2.83	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
40	10,238	10,238	2.55	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
41	9,423	9,423	3.75	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
42	9,654	9,654	3.40	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
43	8,951	8,951	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
44	8,661	8,661	4.99	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
45	8,190	8,190	5.82	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
46	8,082	8,082	6.01	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
47	7,411	7,411	7.30	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
48	6,151	6,152	10.07	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
49	4,112	4,113	15.92	108.5	0.00	83.28	-	-	0.00	0.00	-	0.00
50	4,373	4,374	15.05	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
51	3,538	3,539	18.00	108.5	0.00	81.98	-	-	0.00	0.00	-	0.00
52	3,295	3,296	18.96	108.5	0.00	81.36	-	-	0.00	0.00	-	0.00
53	2,535	2,536	22.39	108.5	0.00	79.08	-	-	0.00	0.00	-	0.00
54	2,296	2,297	23.76	108.5	0.00	78.22	-	-	0.00	0.00	-	0.00
55	3,106	3,108	19.74	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
56	1,903	1,905	26.26	108.5	0.00	76.60	-	-	0.00	0.00	-	0.00
57	2,596	2,597	22.06	108.5	0.00	79.29	-	-	0.00	0.00	-	0.00
58	2,079	2,081	25.09	108.5	0.00	77.37	-	-	0.00	0.00	-	0.00
59	810	814	36.50	108.5	0.00	69.21	-	-	0.00	0.00	-	0.00
60	750	755	37.34	108.5	0.00	68.56	-	-	0.00	0.00	-	0.00

Sum 40.64

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H364 H364

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,591	2,594	<b>22.08</b>	108.5	0.00	79.28	-	-	0.00	0.00	-	0.00
	2	2,270	2,273	<b>23.90</b>	108.5	0.00	78.13	-	-	0.00	0.00	-	0.00
	3	1,833	1,836	<b>26.73</b>	108.5	0.00	76.28	-	-	0.00	0.00	-	0.00
	4	2,721	2,724	<b>21.43</b>	108.5	0.00	79.71	-	-	0.00	0.00	-	0.00
	5	2,012	2,014	<b>25.52</b>	108.5	0.00	77.08	-	-	0.00	0.00	-	0.00
	6	3,150	3,152	<b>19.55</b>	108.5	0.00	80.97	-	-	0.00	0.00	-	0.00
	7	2,653	2,655	<b>21.75</b>	108.5	0.00	79.48	-	-	0.00	0.00	-	0.00
	8	3,117	3,118	<b>19.69</b>	108.5	0.00	80.88	-	-	0.00	0.00	-	0.00
	9	3,358	3,359	<b>18.71</b>	108.5	0.00	81.52	-	-	0.00	0.00	-	0.00
	10	3,877	3,878	<b>16.74</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	11	3,338	3,340	<b>18.78</b>	108.5	0.00	81.47	-	-	0.00	0.00	-	0.00
	12	4,495	4,496	<b>14.65</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
	13	5,080	5,081	<b>12.88</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	14	6,070	6,070	<b>10.26</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	15	6,641	6,642	<b>8.93</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	16	5,566	5,568	<b>11.54</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	17	5,453	5,454	<b>11.84</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	18	5,538	5,539	<b>11.62</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	19	6,562	6,563	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	20	6,542	6,543	<b>9.15</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	21	6,944	6,945	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	22	7,939	7,940	<b>6.28</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	23	8,756	8,756	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	24	7,416	7,417	<b>7.29</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	25	7,371	7,373	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	26	7,295	7,296	<b>7.53</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	27	7,811	7,812	<b>6.52</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	28	7,287	7,288	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	29	7,684	7,685	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	30	7,718	7,719	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	31	8,165	8,166	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	32	8,698	8,698	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	33	8,764	8,765	<b>4.82</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	34	8,395	8,395	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	35	9,434	9,434	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	36	9,337	9,338	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	37	8,896	8,897	<b>4.60</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	38	9,564	9,565	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	39	8,954	8,955	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	40	8,655	8,656	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	41	9,482	9,483	<b>3.66</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	42	9,241	9,242	<b>4.04</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	43	10,591	10,592	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	44	10,531	10,532	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	45	10,834	10,835	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	46	12,185	12,186	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	47	12,529	12,530	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	48	12,814	12,814	<b>-0.66</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	49	14,802	14,802	<b>-2.66</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	50	15,051	15,052	<b>-2.89</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	51	15,951	15,951	<b>-3.69</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00
	52	15,588	15,588	<b>-3.37</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	53	16,349	16,350	<b>-4.02</b>	108.5	0.00	95.27	-	-	0.00	0.00	-	0.00
	54	16,615	16,615	<b>-4.24</b>	108.5	0.00	95.41	-	-	0.00	0.00	-	0.00
	55	16,194	16,195	<b>-3.89</b>	108.5	0.00	95.19	-	-	0.00	0.00	-	0.00
	56	17,329	17,330	<b>-4.81</b>	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
	57	17,364	17,364	<b>-4.84</b>	108.5	0.00	95.79	-	-	0.00	0.00	-	0.00
	58	17,661	17,662	<b>-5.07</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
	59	18,074	18,075	<b>-5.38</b>	108.5	0.00	96.14	-	-	0.00	0.00	-	0.00
	60	18,336	18,336	<b>-5.58</b>	108.5	0.00	96.27	-	-	0.00	0.00	-	0.00
Sum		33.28											



Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H365 H365

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,838	2,840	<b>20.90</b>	108.5	0.00	80.07	-	-	0.00	0.00	-	0.00
2	2,477	2,480	<b>22.70</b>	108.5	0.00	78.89	-	-	0.00	0.00	-	0.00
3	1,961	1,964	<b>25.86</b>	108.5	0.00	76.86	-	-	0.00	0.00	-	0.00
4	2,854	2,857	<b>20.83</b>	108.5	0.00	80.12	-	-	0.00	0.00	-	0.00
5	1,874	1,877	<b>26.45</b>	108.5	0.00	76.47	-	-	0.00	0.00	-	0.00
6	3,060	3,062	<b>19.93</b>	108.5	0.00	80.72	-	-	0.00	0.00	-	0.00
7	2,512	2,514	<b>22.52</b>	108.5	0.00	79.01	-	-	0.00	0.00	-	0.00
8	2,865	2,866	<b>20.79</b>	108.5	0.00	80.15	-	-	0.00	0.00	-	0.00
9	3,042	3,043	<b>20.01</b>	108.5	0.00	80.67	-	-	0.00	0.00	-	0.00
10	3,639	3,640	<b>17.61</b>	108.5	0.00	82.22	-	-	0.00	0.00	-	0.00
11	3,323	3,325	<b>18.84</b>	108.5	0.00	81.44	-	-	0.00	0.00	-	0.00
12	4,347	4,348	<b>15.13</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
13	4,827	4,828	<b>13.62</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
14	5,811	5,812	<b>10.91</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
15	6,361	6,362	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
16	5,480	5,482	<b>11.77</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
17	5,334	5,335	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
18	5,388	5,389	<b>12.02</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
19	6,408	6,409	<b>9.46</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
20	6,346	6,347	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
21	6,707	6,707	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
22	7,668	7,669	<b>6.79</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
23	8,465	8,466	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
24	7,451	7,452	<b>7.22</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
25	7,384	7,385	<b>7.35</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
26	7,280	7,281	<b>7.56</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
27	7,724	7,725	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
28	7,131	7,132	<b>7.87</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
29	7,555	7,556	<b>7.01</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
30	7,536	7,536	<b>7.05</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
31	7,970	7,971	<b>6.22</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
32	8,495	8,496	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
33	8,546	8,547	<b>5.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
34	8,153	8,154	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
35	9,158	9,158	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
36	9,363	9,364	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
37	8,906	8,907	<b>4.58</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
38	9,489	9,490	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
39	8,859	8,860	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
40	8,532	8,533	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
41	9,362	9,363	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
42	9,091	9,092	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
43	10,539	10,540	<b>2.13</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
44	10,451	10,452	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
45	10,734	10,735	<b>1.86</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
46	12,155	12,156	<b>0.09</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
47	12,480	12,481	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
48	12,698	12,698	<b>-0.53</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
49	14,652	14,652	<b>-2.52</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
50	14,869	14,870	<b>-2.72</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
51	15,772	15,773	<b>-3.53</b>	108.5	0.00	94.96	-	-	0.00	0.00	-	0.00
52	15,450	15,450	<b>-3.25</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
53	16,212	16,212	<b>-3.91</b>	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00
54	16,468	16,469	<b>-4.12</b>	108.5	0.00	95.33	-	-	0.00	0.00	-	0.00
55	16,024	16,025	<b>-3.75</b>	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
56	17,168	17,169	<b>-4.69</b>	108.5	0.00	95.69	-	-	0.00	0.00	-	0.00
57	17,265	17,265	<b>-4.76</b>	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
58	17,554	17,554	<b>-4.99</b>	108.5	0.00	95.89	-	-	0.00	0.00	-	0.00
59	17,935	17,936	<b>-5.28</b>	108.5	0.00	96.07	-	-	0.00	0.00	-	0.00
60	18,186	18,187	<b>-5.47</b>	108.5	0.00	96.20	-	-	0.00	0.00	-	0.00

Sum 33.29

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H366 H366

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,466	3,469	<b>18.27</b>	108.5	0.00	81.80	-	-	0.00	0.00	-	0.00
2	3,040	3,042	<b>20.02</b>	108.5	0.00	80.66	-	-	0.00	0.00	-	0.00
3	2,397	2,400	<b>23.16</b>	108.5	0.00	78.60	-	-	0.00	0.00	-	0.00
4	3,228	3,230	<b>19.23</b>	108.5	0.00	81.18	-	-	0.00	0.00	-	0.00
5	1,685	1,688	<b>27.81</b>	108.5	0.00	75.55	-	-	0.00	0.00	-	0.00
6	2,870	2,872	<b>20.76</b>	108.5	0.00	80.16	-	-	0.00	0.00	-	0.00
7	2,226	2,228	<b>24.17</b>	108.5	0.00	77.96	-	-	0.00	0.00	-	0.00
8	2,225	2,227	<b>24.18</b>	108.5	0.00	77.95	-	-	0.00	0.00	-	0.00
9	2,208	2,210	<b>24.28</b>	108.5	0.00	77.89	-	-	0.00	0.00	-	0.00
10	3,009	3,010	<b>20.15</b>	108.5	0.00	80.57	-	-	0.00	0.00	-	0.00
11	3,313	3,314	<b>18.88</b>	108.5	0.00	81.41	-	-	0.00	0.00	-	0.00
12	3,940	3,941	<b>16.51</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
13	4,131	4,132	<b>15.85</b>	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
14	5,088	5,089	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
15	5,582	5,583	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
16	5,210	5,212	<b>12.51</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
17	4,980	4,981	<b>13.17</b>	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
18	4,954	4,955	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
19	5,948	5,949	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
20	5,779	5,780	<b>10.99</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
21	6,030	6,031	<b>10.36</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
22	6,904	6,905	<b>8.35</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
23	7,652	7,653	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
24	7,463	7,464	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
25	7,336	7,338	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
26	7,167	7,168	<b>7.80</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
27	7,419	7,420	<b>7.28</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
28	6,657	6,658	<b>8.89</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
29	7,144	7,145	<b>7.84</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
30	6,991	6,992	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
31	7,391	7,392	<b>7.34</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
32	7,894	7,894	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
33	7,906	7,906	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
34	7,457	7,457	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
35	8,376	8,377	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
36	9,336	9,337	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
37	8,839	8,840	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
38	9,201	9,202	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
39	8,525	8,526	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
40	8,129	8,130	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
41	8,963	8,964	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
42	8,616	8,617	<b>5.07</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
43	10,305	10,306	<b>2.45</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
44	10,147	10,148	<b>2.68</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
45	10,375	10,376	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
46	11,968	11,969	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
47	12,244	12,245	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
48	12,292	12,293	<b>-0.07</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
49	14,157	14,157	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
50	14,297	14,297	<b>-2.18</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
51	15,206	15,207	<b>-3.03</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
52	14,982	14,983	<b>-2.83</b>	108.5	0.00	94.51	-	-	0.00	0.00	-	0.00
53	15,744	15,744	<b>-3.51</b>	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
54	15,977	15,977	<b>-3.71</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
55	15,478	15,478	<b>-3.28</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
56	16,642	16,643	<b>-4.27</b>	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
57	16,890	16,891	<b>-4.47</b>	108.5	0.00	95.55	-	-	0.00	0.00	-	0.00
58	17,157	17,158	<b>-4.68</b>	108.5	0.00	95.69	-	-	0.00	0.00	-	0.00
59	17,461	17,462	<b>-4.92</b>	108.5	0.00	95.84	-	-	0.00	0.00	-	0.00
60	17,685	17,686	<b>-5.09</b>	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00

Sum 33.94

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H367 H367

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,608	4,610	<b>14.29</b>	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
	2	4,149	4,151	<b>15.78</b>	108.5	0.00	83.36	-	-	0.00	0.00	-	0.00
	3	3,460	3,462	<b>18.30</b>	108.5	0.00	81.79	-	-	0.00	0.00	-	0.00
	4	4,172	4,175	<b>15.71</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
	5	2,331	2,333	<b>23.54</b>	108.5	0.00	78.36	-	-	0.00	0.00	-	0.00
	6	3,247	3,249	<b>19.15</b>	108.5	0.00	81.23	-	-	0.00	0.00	-	0.00
	7	2,598	2,601	<b>22.04</b>	108.5	0.00	79.30	-	-	0.00	0.00	-	0.00
	8	2,002	2,005	<b>25.58</b>	108.5	0.00	77.04	-	-	0.00	0.00	-	0.00
	9	1,482	1,485	<b>29.43</b>	108.5	0.00	74.44	-	-	0.00	0.00	-	0.00
	10	2,645	2,647	<b>21.80</b>	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
	11	3,856	3,858	<b>16.81</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
	12	3,869	3,870	<b>16.77</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
	13	3,512	3,513	<b>18.10</b>	108.5	0.00	81.91	-	-	0.00	0.00	-	0.00
	14	4,363	4,364	<b>15.08</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	15	4,721	4,722	<b>13.94</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	16	5,260	5,261	<b>12.37</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	17	4,915	4,917	<b>13.36</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	18	4,762	4,763	<b>13.82</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	19	5,665	5,666	<b>11.28</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
	20	5,320	5,321	<b>12.21</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
	21	5,361	5,362	<b>12.09</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	22	6,044	6,045	<b>10.33</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	23	6,681	6,682	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	24	7,820	7,821	<b>6.50</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	25	7,618	7,619	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	26	7,363	7,364	<b>7.39</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	27	7,332	7,334	<b>7.46</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	28	6,325	6,326	<b>9.65</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	29	6,901	6,902	<b>8.36</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	30	6,532	6,533	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
	31	6,863	6,864	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	32	7,315	7,316	<b>7.49</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	33	7,258	7,259	<b>7.61</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	34	6,716	6,717	<b>8.76</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	35	7,459	7,460	<b>7.20</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	36	9,601	9,603	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	37	9,060	9,062	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	38	9,101	9,102	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	39	8,368	8,369	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	40	7,874	7,875	<b>6.40</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	41	8,696	8,697	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	42	8,237	8,238	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	43	10,267	10,268	<b>2.51</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	44	10,007	10,008	<b>2.88</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	45	10,151	10,152	<b>2.67</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	46	11,977	11,978	<b>0.30</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	47	12,179	12,179	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	48	11,973	11,974	<b>0.30</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	49	13,684	13,685	<b>-1.58</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	50	13,699	13,700	<b>-1.59</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	51	14,614	14,615	<b>-2.49</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	52	14,548	14,549	<b>-2.42</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	53	15,304	15,305	<b>-3.12</b>	108.5	0.00	94.70	-	-	0.00	0.00	-	0.00
	54	15,500	15,500	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	55	14,916	14,916	<b>-2.77</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
	56	16,107	16,108	<b>-3.82</b>	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
	57	16,587	16,588	<b>-4.22</b>	108.5	0.00	95.40	-	-	0.00	0.00	-	0.00
	58	16,820	16,820	<b>-4.41</b>	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
	59	17,003	17,004	<b>-4.56</b>	108.5	0.00	95.61	-	-	0.00	0.00	-	0.00
	60	17,185	17,186	<b>-4.70</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00

Sum 33.95

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H368 H368

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,509	4,511	<b>14.60</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	2	4,040	4,042	<b>16.16</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	3	3,343	3,345	<b>18.76</b>	108.5	0.00	81.49	-	-	0.00	0.00	-	0.00
	4	3,990	3,992	<b>16.33</b>	108.5	0.00	83.02	-	-	0.00	0.00	-	0.00
	5	2,111	2,114	<b>24.88</b>	108.5	0.00	77.50	-	-	0.00	0.00	-	0.00
	6	2,914	2,916	<b>20.56</b>	108.5	0.00	80.30	-	-	0.00	0.00	-	0.00
	7	2,287	2,289	<b>23.80</b>	108.5	0.00	78.19	-	-	0.00	0.00	-	0.00
	8	1,590	1,594	<b>28.55</b>	108.5	0.00	75.05	-	-	0.00	0.00	-	0.00
	9	1,037	1,041	<b>33.69</b>	108.5	0.00	71.35	-	-	0.00	0.00	-	0.00
	10	2,206	2,208	<b>24.29</b>	108.5	0.00	77.88	-	-	0.00	0.00	-	0.00
	11	3,551	3,553	<b>17.94</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
	12	3,447	3,448	<b>18.35</b>	108.5	0.00	81.75	-	-	0.00	0.00	-	0.00
	13	3,071	3,073	<b>19.89</b>	108.5	0.00	80.75	-	-	0.00	0.00	-	0.00
	14	3,934	3,936	<b>16.53</b>	108.5	0.00	82.90	-	-	0.00	0.00	-	0.00
	15	4,317	4,318	<b>15.23</b>	108.5	0.00	83.71	-	-	0.00	0.00	-	0.00
	16	4,845	4,846	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	17	4,489	4,490	<b>14.67</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	18	4,325	4,326	<b>15.20</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
	19	5,222	5,223	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	20	4,875	4,876	<b>13.48</b>	108.5	0.00	84.76	-	-	0.00	0.00	-	0.00
	21	4,929	4,930	<b>13.32</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	22	5,643	5,644	<b>11.34</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	23	6,309	6,310	<b>9.69</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	24	7,442	7,444	<b>7.24</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	25	7,228	7,229	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	26	6,960	6,962	<b>8.23</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	27	6,898	6,899	<b>8.36</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	28	5,880	5,881	<b>10.73</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	29	6,458	6,459	<b>9.34</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	30	6,087	6,088	<b>10.22</b>	108.5	0.00	86.69	-	-	0.00	0.00	-	0.00
	31	6,422	6,423	<b>9.43</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	32	6,877	6,878	<b>8.41</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	33	6,826	6,827	<b>8.52</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	34	6,295	6,296	<b>9.72</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	35	7,073	7,074	<b>7.99</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	36	9,204	9,206	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	37	8,658	8,659	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	38	8,664	8,665	<b>4.99</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	39	7,928	7,929	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	40	7,430	7,431	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	41	8,252	8,253	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	42	7,792	7,793	<b>6.55</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	43	9,833	9,834	<b>3.13</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	44	9,567	9,568	<b>3.53</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	45	9,707	9,708	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	46	11,546	11,547	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	47	11,742	11,743	<b>0.58</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	48	11,528	11,529	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	49	13,243	13,243	<b>-1.12</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	50	13,266	13,267	<b>-1.14</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	51	14,181	14,182	<b>-2.07</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	52	14,105	14,106	<b>-2.00</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	53	14,861	14,862	<b>-2.72</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	54	15,059	15,059	<b>-2.90</b>	108.5	0.00	94.56	-	-	0.00	0.00	-	0.00
	55	14,480	14,481	<b>-2.36</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	56	15,670	15,670	<b>-3.44</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
	57	16,142	16,143	<b>-3.85</b>	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
	58	16,375	16,375	<b>-4.04</b>	108.5	0.00	95.28	-	-	0.00	0.00	-	0.00
	59	16,562	16,562	<b>-4.20</b>	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
	60	16,746	16,746	<b>-4.35</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00

Sum 36.80

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H369 H369

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,908	4,910	<b>13.38</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	2	4,438	4,440	<b>14.83</b>	108.5	0.00	83.95	-	-	0.00	0.00	-	0.00
	3	3,740	3,742	<b>17.23</b>	108.5	0.00	82.46	-	-	0.00	0.00	-	0.00
	4	4,375	4,378	<b>15.03</b>	108.5	0.00	83.82	-	-	0.00	0.00	-	0.00
	5	2,492	2,494	<b>22.62</b>	108.5	0.00	78.94	-	-	0.00	0.00	-	0.00
	6	3,229	3,231	<b>19.22</b>	108.5	0.00	81.19	-	-	0.00	0.00	-	0.00
	7	2,623	2,625	<b>21.91</b>	108.5	0.00	79.38	-	-	0.00	0.00	-	0.00
	8	1,825	1,828	<b>26.79</b>	108.5	0.00	76.24	-	-	0.00	0.00	-	0.00
	9	1,122	1,126	<b>32.77</b>	108.5	0.00	72.03	-	-	0.00	0.00	-	0.00
	10	2,343	2,345	<b>23.47</b>	108.5	0.00	78.40	-	-	0.00	0.00	-	0.00
	11	3,884	3,886	<b>16.71</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
	12	3,634	3,635	<b>17.63</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	13	3,072	3,074	<b>19.88</b>	108.5	0.00	80.75	-	-	0.00	0.00	-	0.00
	14	3,872	3,874	<b>16.75</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	15	4,191	4,192	<b>15.65</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
	16	5,040	5,041	<b>13.00</b>	108.5	0.00	85.05	-	-	0.00	0.00	-	0.00
	17	4,656	4,657	<b>14.14</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
	18	4,455	4,457	<b>14.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	19	5,310	5,311	<b>12.23</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	20	4,906	4,907	<b>13.39</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	21	4,879	4,880	<b>13.47</b>	108.5	0.00	84.77	-	-	0.00	0.00	-	0.00
	22	5,508	5,509	<b>11.70</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	23	6,123	6,124	<b>10.13</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	24	7,695	7,696	<b>6.74</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	25	7,463	7,464	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	26	7,175	7,176	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	27	7,033	7,034	<b>8.08</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
	28	5,945	5,946	<b>10.57</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	29	6,548	6,549	<b>9.14</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	30	6,106	6,107	<b>10.17</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	31	6,413	6,414	<b>9.45</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	32	6,848	6,849	<b>8.47</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	33	6,771	6,772	<b>8.64</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	34	6,207	6,208	<b>9.93</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	35	6,908	6,909	<b>8.34</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	36	9,426	9,427	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	37	8,870	8,871	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	38	8,785	8,786	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	39	8,035	8,036	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	40	7,509	7,510	<b>7.10</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	41	8,322	8,323	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	42	7,827	7,829	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	43	9,967	9,969	<b>2.93</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	44	9,671	9,673	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	45	9,785	9,786	<b>3.20</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	46	11,689	11,690	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	47	11,863	11,864	<b>0.43</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	48	11,571	11,571	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	49	13,231	13,231	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	50	13,211	13,212	<b>-1.08</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	51	14,127	14,127	<b>-2.02</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	52	14,105	14,105	<b>-2.00</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	53	14,858	14,859	<b>-2.71</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	54	15,042	15,043	<b>-2.88</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	55	14,436	14,436	<b>-2.32</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	56	15,633	15,634	<b>-3.41</b>	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
	57	16,182	16,182	<b>-3.88</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00
	58	16,403	16,404	<b>-4.07</b>	108.5	0.00	95.30	-	-	0.00	0.00	-	0.00
	59	16,550	16,551	<b>-4.19</b>	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
	60	16,720	16,721	<b>-4.33</b>	108.5	0.00	95.47	-	-	0.00	0.00	-	0.00
Sum		35.72											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H370 H370

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,352	6,353	<b>9.59</b>	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	2	5,878	5,879	<b>10.74</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	3	5,180	5,181	<b>12.60</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	4	5,743	5,745	<b>11.08</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
	5	3,869	3,870	<b>16.77</b>	108.5	0.00	82.76	-	-	0.00	0.00	-	0.00
	6	4,366	4,368	<b>15.06</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
	7	3,852	3,854	<b>16.83</b>	108.5	0.00	82.72	-	-	0.00	0.00	-	0.00
	8	2,859	2,862	<b>20.81</b>	108.5	0.00	80.13	-	-	0.00	0.00	-	0.00
	9	2,017	2,020	<b>25.48</b>	108.5	0.00	77.11	-	-	0.00	0.00	-	0.00
	10	3,032	3,034	<b>20.05</b>	108.5	0.00	80.64	-	-	0.00	0.00	-	0.00
	11	5,056	5,058	<b>12.95</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	12	4,335	4,337	<b>15.17</b>	108.5	0.00	83.74	-	-	0.00	0.00	-	0.00
	13	3,203	3,205	<b>19.33</b>	108.5	0.00	81.12	-	-	0.00	0.00	-	0.00
	14	3,678	3,680	<b>17.46</b>	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
	15	3,719	3,721	<b>17.31</b>	108.5	0.00	82.41	-	-	0.00	0.00	-	0.00
	16	5,694	5,695	<b>11.21</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	17	5,230	5,231	<b>12.46</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	18	4,912	4,914	<b>13.37</b>	108.5	0.00	84.83	-	-	0.00	0.00	-	0.00
	19	5,570	5,572	<b>11.53</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	20	4,978	4,980	<b>13.17</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	21	4,653	4,654	<b>14.15</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
	22	4,923	4,924	<b>13.34</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	23	5,317	5,318	<b>12.22</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	24	8,493	8,494	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	25	8,198	8,200	<b>5.80</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	26	7,839	7,840	<b>6.47</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	27	7,404	7,406	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	28	6,094	6,095	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	29	6,765	6,766	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	30	6,078	6,080	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	31	6,272	6,273	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
	32	6,613	6,615	<b>8.99</b>	108.5	0.00	87.41	-	-	0.00	0.00	-	0.00
	33	6,443	6,444	<b>9.38</b>	108.5	0.00	87.18	-	-	0.00	0.00	-	0.00
	34	5,771	5,772	<b>11.01</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
	35	6,161	6,162	<b>10.04</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	36	10,080	10,081	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	37	9,495	9,497	<b>3.64</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	38	9,067	9,068	<b>4.32</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	39	8,280	8,281	<b>5.65</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	40	7,660	7,661	<b>6.81</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	41	8,425	8,427	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	42	7,811	7,813	<b>6.52</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	43	10,283	10,284	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	44	9,880	9,881	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	45	9,891	9,892	<b>3.05</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	46	12,019	12,020	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	47	12,106	12,107	<b>0.14</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	48	11,521	11,522	<b>0.85</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	49	12,963	12,963	<b>-0.82</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	50	12,784	12,785	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	51	13,695	13,696	<b>-1.59</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	52	13,873	13,873	<b>-1.77</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	53	14,611	14,612	<b>-2.48</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
	54	14,746	14,747	<b>-2.61</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
	55	14,039	14,040	<b>-1.93</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	56	15,258	15,258	<b>-3.08</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	57	16,086	16,087	<b>-3.80</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	58	16,264	16,265	<b>-3.95</b>	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
	59	16,263	16,264	<b>-3.95</b>	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
	60	16,379	16,380	<b>-4.05</b>	108.5	0.00	95.29	-	-	0.00	0.00	-	0.00

Sum 31.10

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H371 H371

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,585	6,587	<b>9.05</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	2	6,110	6,112	<b>10.16</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	3	5,414	5,415	<b>11.95</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	4	5,949	5,951	<b>10.56</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
	5	4,086	4,088	<b>16.00</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
	6	4,515	4,517	<b>14.58</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
	7	4,029	4,031	<b>16.20</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
	8	3,011	3,013	<b>20.14</b>	108.5	0.00	80.58	-	-	0.00	0.00	-	0.00
	9	2,177	2,180	<b>24.46</b>	108.5	0.00	77.77	-	-	0.00	0.00	-	0.00
	10	3,107	3,109	<b>19.73</b>	108.5	0.00	80.85	-	-	0.00	0.00	-	0.00
	11	5,208	5,210	<b>12.52</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
	12	4,385	4,387	<b>15.00</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	13	3,156	3,158	<b>19.53</b>	108.5	0.00	80.99	-	-	0.00	0.00	-	0.00
	14	3,551	3,553	<b>17.95</b>	108.5	0.00	82.01	-	-	0.00	0.00	-	0.00
	15	3,535	3,537	<b>18.01</b>	108.5	0.00	81.97	-	-	0.00	0.00	-	0.00
	16	5,718	5,720	<b>11.14</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	17	5,241	5,243	<b>12.42</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	18	4,902	4,904	<b>13.40</b>	108.5	0.00	84.81	-	-	0.00	0.00	-	0.00
	19	5,511	5,513	<b>11.69</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	20	4,887	4,888	<b>13.44</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	21	4,504	4,506	<b>14.62</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	22	4,704	4,705	<b>14.00</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	23	5,058	5,059	<b>12.95</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	24	8,534	8,536	<b>5.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	25	8,227	8,228	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	26	7,852	7,854	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	27	7,356	7,358	<b>7.41</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	28	6,008	6,009	<b>10.41</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	29	6,688	6,690	<b>8.82</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
	30	5,956	5,958	<b>10.54</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
	31	6,127	6,128	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	32	6,448	6,450	<b>9.36</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	33	6,261	6,263	<b>9.80</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	34	5,573	5,575	<b>11.52</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	35	5,908	5,909	<b>10.66</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	36	10,084	10,085	<b>2.76</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	37	9,494	9,496	<b>3.64</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	38	8,993	8,994	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	39	8,201	8,203	<b>5.80</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	40	7,565	7,566	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	41	8,317	8,319	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	42	7,682	7,684	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	43	10,213	10,214	<b>2.58</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	44	9,788	9,790	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	45	9,779	9,780	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	46	11,947	11,948	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	47	12,016	12,017	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	48	11,375	11,376	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	49	12,774	12,775	<b>-0.61</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	50	12,569	12,570	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	51	13,478	13,479	<b>-1.36</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	52	13,690	13,691	<b>-1.58</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	53	14,424	14,425	<b>-2.31</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	54	14,551	14,552	<b>-2.43</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	55	13,827	13,828	<b>-1.72</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	56	15,049	15,050	<b>-2.89</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00
	57	15,926	15,927	<b>-3.67</b>	108.5	0.00	95.04	-	-	0.00	0.00	-	0.00
	58	16,095	16,096	<b>-3.81</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
	59	16,068	16,069	<b>-3.79</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00
	60	16,175	16,176	<b>-3.88</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00

Sum 30.80

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H372 H372

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,873	2,877	<b>20.74</b>	108.5	0.00	80.18	-	-	0.00	0.00	-	0.00
2	2,759	2,762	<b>21.26</b>	108.5	0.00	79.82	-	-	0.00	0.00	-	0.00
3	2,641	2,644	<b>21.81</b>	108.5	0.00	79.45	-	-	0.00	0.00	-	0.00
4	3,405	3,408	<b>18.51</b>	108.5	0.00	81.65	-	-	0.00	0.00	-	0.00
5	3,268	3,270	<b>19.06</b>	108.5	0.00	81.29	-	-	0.00	0.00	-	0.00
6	4,306	4,308	<b>15.26</b>	108.5	0.00	83.69	-	-	0.00	0.00	-	0.00
7	3,895	3,897	<b>16.67</b>	108.5	0.00	82.81	-	-	0.00	0.00	-	0.00
8	4,453	4,454	<b>14.78</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
9	4,700	4,701	<b>14.01</b>	108.5	0.00	84.44	-	-	0.00	0.00	-	0.00
10	5,202	5,203	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
11	4,349	4,351	<b>15.12</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
12	5,717	5,718	<b>11.15</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
13	6,411	6,412	<b>9.45</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
14	7,404	7,405	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
15	7,985	7,986	<b>6.19</b>	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
16	6,670	6,672	<b>8.86</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
17	6,619	6,621	<b>8.98</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
18	6,752	6,753	<b>8.68</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
19	7,775	7,776	<b>6.59</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
20	7,815	7,816	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
21	8,261	8,262	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
22	9,279	9,279	<b>3.98</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
23	10,102	10,103	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
24	8,209	8,211	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
25	8,229	8,230	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
26	8,220	8,222	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
27	8,897	8,898	<b>4.60</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
28	8,501	8,502	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
29	8,852	8,853	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
30	8,970	8,970	<b>4.48</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
31	9,432	9,433	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
32	9,974	9,974	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
33	10,059	10,060	<b>2.80</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
34	9,714	9,715	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
35	10,776	10,776	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
36	10,135	10,136	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
37	9,743	9,744	<b>3.27</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
38	10,613	10,614	<b>2.03</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
39	10,049	10,050	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
40	9,807	9,808	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
41	10,623	10,624	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
42	10,438	10,439	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
43	11,581	11,582	<b>0.77</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
44	11,585	11,586	<b>0.77</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
45	11,931	11,933	<b>0.35</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
46	13,116	13,117	<b>-0.98</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
47	13,506	13,507	<b>-1.39</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
48	13,937	13,938	<b>-1.83</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
49	15,987	15,987	<b>-3.72</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
50	16,289	16,290	<b>-3.97</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
51	17,183	17,183	<b>-4.70</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
52	16,749	16,750	<b>-4.35</b>	108.5	0.00	95.48	-	-	0.00	0.00	-	0.00
53	17,509	17,510	<b>-4.95</b>	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
54	17,792	17,793	<b>-5.17</b>	108.5	0.00	96.00	-	-	0.00	0.00	-	0.00
55	17,413	17,413	<b>-4.88</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
56	18,531	18,531	<b>-5.72</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
57	18,443	18,444	<b>-5.66</b>	108.5	0.00	96.32	-	-	0.00	0.00	-	0.00
58	18,759	18,760	<b>-5.88</b>	108.5	0.00	96.46	-	-	0.00	0.00	-	0.00
59	19,235	19,236	<b>-6.22</b>	108.5	0.00	96.68	-	-	0.00	0.00	-	0.00
60	19,516	19,517	<b>-6.42</b>	108.5	0.00	96.81	-	-	0.00	0.00	-	0.00

Sum 29.39



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H373 H373

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,469	3,472	<b>18.26</b>	108.5	0.00	81.81	-	-	0.00	0.00	-	0.00
2	3,260	3,263	<b>19.09</b>	108.5	0.00	81.27	-	-	0.00	0.00	-	0.00
3	2,972	2,974	<b>20.31</b>	108.5	0.00	80.47	-	-	0.00	0.00	-	0.00
4	3,824	3,827	<b>16.92</b>	108.5	0.00	82.66	-	-	0.00	0.00	-	0.00
5	3,241	3,243	<b>19.17</b>	108.5	0.00	81.22	-	-	0.00	0.00	-	0.00
6	4,393	4,394	<b>14.98</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
7	3,883	3,885	<b>16.72</b>	108.5	0.00	82.79	-	-	0.00	0.00	-	0.00
8	4,245	4,247	<b>15.46</b>	108.5	0.00	83.56	-	-	0.00	0.00	-	0.00
9	4,343	4,345	<b>15.14</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
10	5,024	5,026	<b>13.04</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
11	4,566	4,568	<b>14.42</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00
12	5,724	5,725	<b>11.13</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
13	6,202	6,203	<b>9.94</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
14	7,179	7,180	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
15	7,705	7,706	<b>6.72</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
16	6,809	6,811	<b>8.56</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
17	6,693	6,694	<b>8.81</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
18	6,766	6,767	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
19	7,789	7,790	<b>6.56</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
20	7,738	7,739	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
21	8,089	8,090	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
22	9,021	9,022	<b>4.39</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
23	9,788	9,789	<b>3.20</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
24	8,595	8,596	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
25	8,571	8,573	<b>5.14</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
26	8,513	8,515	<b>5.24</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
27	9,054	9,055	<b>4.34</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
28	8,513	8,514	<b>5.24</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
29	8,922	8,923	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
30	8,926	8,927	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
31	9,362	9,363	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
32	9,887	9,888	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
33	9,935	9,936	<b>2.98</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
34	9,532	9,532	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
35	10,502	10,503	<b>2.18</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
36	10,521	10,522	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
37	10,095	10,096	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
38	10,805	10,806	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
39	10,197	10,198	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
40	9,895	9,896	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
41	10,722	10,723	<b>1.88</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
42	10,471	10,471	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
43	11,825	11,826	<b>0.48</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
44	11,772	11,773	<b>0.54</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
45	12,077	12,078	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
46	13,409	13,410	<b>-1.29</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
47	13,762	13,763	<b>-1.65</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
48	14,055	14,056	<b>-1.95</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
49	16,032	16,033	<b>-3.76</b>	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
50	16,260	16,261	<b>-3.95</b>	108.5	0.00	95.22	-	-	0.00	0.00	-	0.00
51	17,163	17,163	<b>-4.68</b>	108.5	0.00	95.69	-	-	0.00	0.00	-	0.00
52	16,823	16,824	<b>-4.41</b>	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
53	17,585	17,585	<b>-5.01</b>	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00
54	17,847	17,847	<b>-5.21</b>	108.5	0.00	96.03	-	-	0.00	0.00	-	0.00
55	17,413	17,413	<b>-4.88</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
56	18,554	18,554	<b>-5.74</b>	108.5	0.00	96.37	-	-	0.00	0.00	-	0.00
57	18,606	18,607	<b>-5.77</b>	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
58	18,904	18,905	<b>-5.99</b>	108.5	0.00	96.53	-	-	0.00	0.00	-	0.00
59	19,310	19,310	<b>-6.27</b>	108.5	0.00	96.72	-	-	0.00	0.00	-	0.00
60	19,566	19,567	<b>-6.45</b>	108.5	0.00	96.83	-	-	0.00	0.00	-	0.00

Sum 28.50

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H374 H374

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,582	2,586	<b>22.12</b>	108.5	0.00	79.25	-	-	0.00	0.00	-	0.00
2	2,588	2,591	<b>22.09</b>	108.5	0.00	79.27	-	-	0.00	0.00	-	0.00
3	2,660	2,663	<b>21.72</b>	108.5	0.00	79.51	-	-	0.00	0.00	-	0.00
4	3,289	3,292	<b>18.98</b>	108.5	0.00	81.35	-	-	0.00	0.00	-	0.00
5	3,553	3,555	<b>17.94</b>	108.5	0.00	82.02	-	-	0.00	0.00	-	0.00
6	4,464	4,466	<b>14.75</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
7	4,145	4,146	<b>15.80</b>	108.5	0.00	83.35	-	-	0.00	0.00	-	0.00
8	4,832	4,833	<b>13.61</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
9	5,176	5,177	<b>12.61</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
10	5,545	5,546	<b>11.60</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
11	4,393	4,395	<b>14.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
12	5,910	5,911	<b>10.66</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
13	6,762	6,763	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
14	7,756	7,757	<b>6.62</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
15	8,374	8,374	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
16	6,739	6,741	<b>8.71</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
17	6,744	6,745	<b>8.70</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
18	6,924	6,925	<b>8.31</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
19	7,938	7,939	<b>6.28</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
20	8,051	8,051	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
21	8,568	8,568	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
22	9,643	9,644	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
23	10,505	10,505	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
24	8,038	8,039	<b>6.09</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
25	8,098	8,100	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
26	8,136	8,137	<b>5.91</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
27	8,929	8,930	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
28	8,659	8,660	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
29	8,959	8,959	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
30	9,169	9,170	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
31	9,651	9,652	<b>3.40</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
32	10,203	10,203	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
33	10,317	10,318	<b>2.43</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
34	10,019	10,020	<b>2.86</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
35	11,146	11,146	<b>1.32</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
36	9,951	9,952	<b>2.96</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
37	9,593	9,595	<b>3.49</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
38	10,605	10,606	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
39	10,082	10,083	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
40	9,892	9,893	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
41	10,695	10,696	<b>1.91</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
42	10,566	10,567	<b>2.09</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
43	11,522	11,523	<b>0.85</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
44	11,576	11,577	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
45	11,958	11,959	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
46	13,007	13,008	<b>-0.87</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
47	13,428	13,429	<b>-1.31</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
48	13,981	13,982	<b>-1.87</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
49	16,087	16,087	<b>-3.80</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00
50	16,450	16,451	<b>-4.11</b>	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
51	17,335	17,335	<b>-4.82</b>	108.5	0.00	95.78	-	-	0.00	0.00	-	0.00
52	16,823	16,824	<b>-4.41</b>	108.5	0.00	95.52	-	-	0.00	0.00	-	0.00
53	17,580	17,580	<b>-5.01</b>	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00
54	17,880	17,881	<b>-5.24</b>	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
55	17,548	17,548	<b>-4.98</b>	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
56	18,645	18,645	<b>-5.80</b>	108.5	0.00	96.41	-	-	0.00	0.00	-	0.00
57	18,437	18,438	<b>-5.65</b>	108.5	0.00	96.31	-	-	0.00	0.00	-	0.00
58	18,769	18,770	<b>-5.89</b>	108.5	0.00	96.47	-	-	0.00	0.00	-	0.00
59	19,304	19,305	<b>-6.27</b>	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
60	19,606	19,606	<b>-6.48</b>	108.5	0.00	96.85	-	-	0.00	0.00	-	0.00

Sum 29.49

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H375 H375

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,071	5,071	<b>12.91</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	2	5,477	5,477	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	3	6,044	6,045	<b>10.33</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	4	6,038	6,039	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	5	7,363	7,363	<b>7.40</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	6	7,788	7,789	<b>6.56</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	7	7,781	7,781	<b>6.58</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	8	8,727	8,727	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	9	9,283	9,283	<b>3.97</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	10	9,288	9,288	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	11	7,364	7,365	<b>7.39</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	12	9,147	9,148	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	13	10,443	10,444	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	14	11,387	11,387	<b>1.02</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	15	12,097	12,097	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	16	9,412	9,412	<b>3.77</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	17	9,640	9,640	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	18	9,981	9,982	<b>2.92</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	19	10,867	10,867	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	20	11,252	11,252	<b>1.19</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	21	11,999	11,999	<b>0.27</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	22	13,236	13,236	<b>-1.11</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	23	14,206	14,206	<b>-2.09</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	24	9,391	9,392	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	25	9,663	9,663	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	26	9,933	9,934	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	27	11,209	11,209	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	28	11,512	11,512	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	29	11,572	11,572	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	30	12,159	12,159	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	31	12,688	12,688	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	32	13,254	13,254	<b>-1.13</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	33	13,481	13,481	<b>-1.37</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	34	13,380	13,380	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	35	14,712	14,712	<b>-2.58</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	36	11,005	11,005	<b>1.50</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	37	10,879	10,879	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	38	12,551	12,551	<b>-0.36</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	39	12,269	12,270	<b>-0.04</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	40	12,341	12,342	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	41	13,027	13,028	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	42	13,168	13,169	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	43	13,140	13,140	<b>-1.01</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	44	13,455	13,455	<b>-1.34</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	45	13,992	13,993	<b>-1.88</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	46	14,254	14,255	<b>-2.14</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	47	14,831	14,832	<b>-2.69</b>	108.5	0.00	94.42	-	-	0.00	0.00	-	0.00
	48	16,003	16,003	<b>-3.73</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00
	49	18,318	18,318	<b>-5.56</b>	108.5	0.00	96.26	-	-	0.00	0.00	-	0.00
	50	18,973	18,973	<b>-6.04</b>	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
	51	19,790	19,790	<b>-6.60</b>	108.5	0.00	96.93	-	-	0.00	0.00	-	0.00
	52	18,902	18,902	<b>-5.99</b>	108.5	0.00	96.53	-	-	0.00	0.00	-	0.00
	53	19,620	19,621	<b>-6.49</b>	108.5	0.00	96.85	-	-	0.00	0.00	-	0.00
	54	20,003	20,003	<b>-6.75</b>	108.5	0.00	97.02	-	-	0.00	0.00	-	0.00
	55	19,914	19,914	<b>-6.69</b>	108.5	0.00	96.98	-	-	0.00	0.00	-	0.00
	56	20,878	20,878	<b>-7.32</b>	108.5	0.00	97.39	-	-	0.00	0.00	-	0.00
	57	20,043	20,044	<b>-6.77</b>	108.5	0.00	97.04	-	-	0.00	0.00	-	0.00
	58	20,452	20,452	<b>-7.04</b>	108.5	0.00	97.21	-	-	0.00	0.00	-	0.00
	59	21,292	21,292	<b>-7.58</b>	108.5	0.00	97.56	-	-	0.00	0.00	-	0.00
	60	21,693	21,693	<b>-7.83</b>	108.5	0.00	97.73	-	-	0.00	0.00	-	0.00

Sum 21.19

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H376 H376

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,321	5,321	<b>12.21</b>	108.5	0.00	85.52	-	-	0.00	0.00	-	0.00
2	5,766	5,767	<b>11.02</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
3	6,395	6,395	<b>9.49</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
4	6,242	6,242	<b>9.85</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
5	7,751	7,751	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
6	8,025	8,025	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
7	8,103	8,103	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
8	9,099	9,099	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
9	9,719	9,719	<b>3.30</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
10	9,596	9,597	<b>3.49</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
11	7,531	7,531	<b>7.06</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
12	9,311	9,311	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
13	10,707	10,707	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
14	11,617	11,617	<b>0.73</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
15	12,347	12,347	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
16	9,417	9,418	<b>3.76</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
17	9,696	9,696	<b>3.34</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
18	10,072	10,072	<b>2.78</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
19	10,901	10,901	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
20	11,353	11,354	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
21	12,156	12,156	<b>0.09</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
22	13,427	13,427	<b>-1.31</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
23	14,423	14,423	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
24	9,079	9,080	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
25	9,390	9,391	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
26	9,707	9,708	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
27	11,066	11,066	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
28	11,511	11,511	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
29	11,507	11,507	<b>0.87</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
30	12,184	12,184	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
31	12,717	12,717	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
32	13,278	13,278	<b>-1.16</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
33	13,535	13,535	<b>-1.42</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
34	13,494	13,494	<b>-1.38</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
35	14,877	14,877	<b>-2.73</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
36	10,580	10,580	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
37	10,509	10,509	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
38	12,300	12,300	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
39	12,082	12,082	<b>0.17</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
40	12,219	12,219	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
41	12,863	12,863	<b>-0.71</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
42	13,071	13,071	<b>-0.93</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
43	12,800	12,801	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
44	13,172	13,172	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
45	13,739	13,739	<b>-1.63</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
46	13,815	13,815	<b>-1.71</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
47	14,419	14,420	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
48	15,722	15,722	<b>-3.49</b>	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
49	18,067	18,067	<b>-5.38</b>	108.5	0.00	96.14	-	-	0.00	0.00	-	0.00
50	18,792	18,792	<b>-5.91</b>	108.5	0.00	96.48	-	-	0.00	0.00	-	0.00
51	19,586	19,586	<b>-6.46</b>	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00
52	18,608	18,608	<b>-5.77</b>	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
53	19,312	19,313	<b>-6.27</b>	108.5	0.00	96.72	-	-	0.00	0.00	-	0.00
54	19,712	19,712	<b>-6.55</b>	108.5	0.00	96.89	-	-	0.00	0.00	-	0.00
55	19,685	19,685	<b>-6.53</b>	108.5	0.00	96.88	-	-	0.00	0.00	-	0.00
56	20,610	20,610	<b>-7.15</b>	108.5	0.00	97.28	-	-	0.00	0.00	-	0.00
57	19,630	19,630	<b>-6.49</b>	108.5	0.00	96.86	-	-	0.00	0.00	-	0.00
58	20,054	20,054	<b>-6.78</b>	108.5	0.00	97.04	-	-	0.00	0.00	-	0.00
59	20,960	20,960	<b>-7.37</b>	108.5	0.00	97.43	-	-	0.00	0.00	-	0.00
60	21,384	21,384	<b>-7.64</b>	108.5	0.00	97.60	-	-	0.00	0.00	-	0.00

Sum 20.82

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H377 H377

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,289	3,290	<b>18.98</b>	108.5	0.00	81.34	-	-	0.00	0.00	-	0.00
2	3,716	3,717	<b>17.33</b>	108.5	0.00	82.40	-	-	0.00	0.00	-	0.00
3	4,324	4,325	<b>15.21</b>	108.5	0.00	83.72	-	-	0.00	0.00	-	0.00
4	4,242	4,244	<b>15.47</b>	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
5	5,674	5,674	<b>11.26</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
6	6,009	6,010	<b>10.41</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
7	6,046	6,046	<b>10.32</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
8	7,027	7,028	<b>8.09</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
9	7,635	7,636	<b>6.86</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
10	7,547	7,547	<b>7.03</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
11	5,561	5,562	<b>11.56</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
12	7,346	7,347	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
13	8,680	8,681	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
14	9,611	9,611	<b>3.47</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
15	10,330	10,330	<b>2.42</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
16	7,596	7,597	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
17	7,823	7,824	<b>6.50</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
18	8,168	8,168	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
19	9,051	9,051	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
20	9,440	9,441	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
21	10,199	10,199	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
22	11,447	11,447	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
23	12,427	12,427	<b>-0.22</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
24	7,699	7,699	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
25	7,942	7,942	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
26	8,185	8,185	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
27	9,421	9,421	<b>3.76</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
28	9,696	9,696	<b>3.34</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
29	9,764	9,764	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
30	10,343	10,343	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
31	10,872	10,872	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
32	11,437	11,437	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
33	11,665	11,665	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
34	11,571	11,571	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
35	12,916	12,916	<b>-0.77</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
36	9,392	9,392	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
37	9,220	9,220	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
38	10,807	10,807	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
39	10,496	10,496	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
40	10,546	10,546	<b>2.12</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
41	11,244	11,244	<b>1.20</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
42	11,365	11,366	<b>1.04</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
43	11,447	11,447	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
44	11,725	11,726	<b>0.60</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
45	12,245	12,246	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
46	12,637	12,637	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
47	13,188	13,189	<b>-1.06</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
48	14,267	14,268	<b>-2.15</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
49	16,563	16,564	<b>-4.20</b>	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
50	17,189	17,189	<b>-4.70</b>	108.5	0.00	95.70	-	-	0.00	0.00	-	0.00
51	18,014	18,014	<b>-5.34</b>	108.5	0.00	96.11	-	-	0.00	0.00	-	0.00
52	17,168	17,169	<b>-4.69</b>	108.5	0.00	95.69	-	-	0.00	0.00	-	0.00
53	17,894	17,895	<b>-5.25</b>	108.5	0.00	96.05	-	-	0.00	0.00	-	0.00
54	18,266	18,267	<b>-5.53</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
55	18,147	18,147	<b>-5.44</b>	108.5	0.00	96.18	-	-	0.00	0.00	-	0.00
56	19,129	19,129	<b>-6.15</b>	108.5	0.00	96.63	-	-	0.00	0.00	-	0.00
57	18,389	18,389	<b>-5.62</b>	108.5	0.00	96.29	-	-	0.00	0.00	-	0.00
58	18,785	18,785	<b>-5.90</b>	108.5	0.00	96.48	-	-	0.00	0.00	-	0.00
59	19,578	19,578	<b>-6.46</b>	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00
60	19,966	19,966	<b>-6.72</b>	108.5	0.00	97.01	-	-	0.00	0.00	-	0.00

Sum 25.45

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H378 H378

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,210	2,212	<b>24.27</b>	108.5	0.00	77.90	-	-	0.00	0.00	-	0.00
	2	2,630	2,631	<b>21.88</b>	108.5	0.00	79.40	-	-	0.00	0.00	-	0.00
	3	3,237	3,238	<b>19.19</b>	108.5	0.00	81.21	-	-	0.00	0.00	-	0.00
	4	3,175	3,177	<b>19.45</b>	108.5	0.00	81.04	-	-	0.00	0.00	-	0.00
	5	4,590	4,591	<b>14.35</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
	6	4,931	4,931	<b>13.32</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	7	4,958	4,959	<b>13.24</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
	8	5,941	5,942	<b>10.58</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	9	6,559	6,559	<b>9.12</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	10	6,460	6,460	<b>9.34</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
	11	4,503	4,503	<b>14.63</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	12	6,285	6,285	<b>9.75</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	13	7,597	7,597	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	14	8,532	8,532	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	15	9,247	9,248	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	16	6,603	6,603	<b>9.02</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	17	6,802	6,803	<b>8.57</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	18	7,131	7,131	<b>7.87</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	19	8,036	8,036	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	20	8,396	8,397	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	21	9,136	9,136	<b>4.21</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	22	10,375	10,375	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	23	11,349	11,349	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	24	6,952	6,953	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	25	7,152	7,153	<b>7.83</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	26	7,350	7,351	<b>7.42</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	27	8,508	8,509	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	28	8,696	8,697	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	29	8,799	8,800	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	30	9,329	9,329	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	31	9,854	9,855	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	32	10,421	10,421	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	33	10,636	10,636	<b>2.00</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	34	10,520	10,520	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	35	11,849	11,849	<b>0.45</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	36	8,730	8,730	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	37	8,504	8,505	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	38	9,966	9,967	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	39	9,608	9,609	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	40	9,613	9,614	<b>3.46</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	41	10,335	10,336	<b>2.41</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	42	10,413	10,413	<b>2.30</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	43	10,676	10,676	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	44	10,903	10,904	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	45	11,396	11,397	<b>1.00</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	46	11,950	11,951	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	47	12,470	12,471	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	48	13,429	13,430	<b>-1.31</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	49	15,694	15,694	<b>-3.47</b>	108.5	0.00	94.91	-	-	0.00	0.00	-	0.00
	50	16,270	16,271	<b>-3.96</b>	108.5	0.00	95.23	-	-	0.00	0.00	-	0.00
	51	17,109	17,109	<b>-4.64</b>	108.5	0.00	95.66	-	-	0.00	0.00	-	0.00
	52	16,329	16,329	<b>-4.01</b>	108.5	0.00	95.26	-	-	0.00	0.00	-	0.00
	53	17,064	17,064	<b>-4.60</b>	108.5	0.00	95.64	-	-	0.00	0.00	-	0.00
	54	17,421	17,421	<b>-4.89</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
	55	17,258	17,258	<b>-4.76</b>	108.5	0.00	95.74	-	-	0.00	0.00	-	0.00
	56	18,266	18,266	<b>-5.52</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
	57	17,644	17,644	<b>-5.06</b>	108.5	0.00	95.93	-	-	0.00	0.00	-	0.00
	58	18,026	18,026	<b>-5.35</b>	108.5	0.00	96.12	-	-	0.00	0.00	-	0.00
	59	18,760	18,761	<b>-5.88</b>	108.5	0.00	96.46	-	-	0.00	0.00	-	0.00
	60	19,130	19,131	<b>-6.15</b>	108.5	0.00	96.63	-	-	0.00	0.00	-	0.00

Sum 29.24

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H379 H379

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,478	5,479	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	2	5,942	5,943	<b>10.58</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	3	6,604	6,604	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	4	6,345	6,345	<b>9.61</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	5	7,970	7,970	<b>6.22</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	6	8,127	8,127	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	7	8,269	8,269	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	8	9,293	9,293	<b>3.96</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	9	9,956	9,956	<b>2.95</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	10	9,738	9,738	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	11	7,586	7,587	<b>6.95</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	12	9,347	9,347	<b>3.87</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	13	10,807	10,807	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	14	11,687	11,687	<b>0.65</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	15	12,428	12,428	<b>-0.23</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	16	9,334	9,334	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	17	9,648	9,649	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	18	10,046	10,047	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	19	10,828	10,828	<b>1.74</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	20	11,328	11,328	<b>1.09</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	21	12,167	12,167	<b>0.07</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	22	13,459	13,459	<b>-1.34</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	23	14,471	14,471	<b>-2.35</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	24	8,761	8,761	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	25	9,099	9,100	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	26	9,449	9,449	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	27	10,860	10,861	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	28	11,408	11,408	<b>0.99</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	29	11,356	11,356	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	30	12,097	12,097	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	31	12,631	12,631	<b>-0.45</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	32	13,186	13,186	<b>-1.06</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	33	13,463	13,463	<b>-1.35</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	34	13,468	13,469	<b>-1.35</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	35	14,884	14,885	<b>-2.74</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	36	10,169	10,170	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	37	10,138	10,139	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	38	12,007	12,008	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	39	11,838	11,838	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	40	12,021	12,022	<b>0.24</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	41	12,632	12,632	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	42	12,889	12,889	<b>-0.74</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	43	12,442	12,443	<b>-0.24</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	44	12,853	12,853	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	45	13,440	13,440	<b>-1.32</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	46	13,382	13,382	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	47	14,004	14,004	<b>-1.90</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	48	15,396	15,397	<b>-3.20</b>	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
	49	17,758	17,758	<b>-5.14</b>	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
	50	18,532	18,532	<b>-5.72</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
	51	19,308	19,308	<b>-6.27</b>	108.5	0.00	96.71	-	-	0.00	0.00	-	0.00
	52	18,267	18,268	<b>-5.53</b>	108.5	0.00	96.23	-	-	0.00	0.00	-	0.00
	53	18,960	18,960	<b>-6.03</b>	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
	54	19,372	19,372	<b>-6.32</b>	108.5	0.00	96.74	-	-	0.00	0.00	-	0.00
	55	19,390	19,390	<b>-6.33</b>	108.5	0.00	96.75	-	-	0.00	0.00	-	0.00
	56	20,284	20,284	<b>-6.93</b>	108.5	0.00	97.14	-	-	0.00	0.00	-	0.00
	57	19,203	19,203	<b>-6.20</b>	108.5	0.00	96.67	-	-	0.00	0.00	-	0.00
	58	19,636	19,637	<b>-6.50</b>	108.5	0.00	96.86	-	-	0.00	0.00	-	0.00
	59	20,588	20,589	<b>-7.13</b>	108.5	0.00	97.27	-	-	0.00	0.00	-	0.00
	60	21,027	21,027	<b>-7.42</b>	108.5	0.00	97.46	-	-	0.00	0.00	-	0.00

Sum 20.70

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H380 H380

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,157	5,158	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	2	5,623	5,624	<b>11.39</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	3	6,289	6,289	<b>9.74</b>	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
	4	6,017	6,017	<b>10.39</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	5	7,655	7,655	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	6	7,798	7,798	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	7	7,946	7,946	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	8	8,973	8,973	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	9	9,643	9,643	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	10	9,412	9,412	<b>3.77</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	11	7,254	7,254	<b>7.62</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	12	9,012	9,012	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	13	10,476	10,477	<b>2.21</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	14	11,354	11,354	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	15	12,096	12,096	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	16	8,997	8,998	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	17	9,312	9,312	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	18	9,710	9,710	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	19	10,491	10,492	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	20	10,992	10,992	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	21	11,832	11,832	<b>0.47</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	22	13,124	13,124	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	23	14,137	14,137	<b>-2.03</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	24	8,445	8,446	<b>5.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	25	8,780	8,780	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	26	9,125	9,125	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	27	10,531	10,531	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	28	11,073	11,073	<b>1.42</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	29	11,022	11,022	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	30	11,761	11,761	<b>0.56</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	31	12,295	12,295	<b>-0.07</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	32	12,850	12,850	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	33	13,127	13,127	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	34	13,132	13,132	<b>-1.00</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	35	14,549	14,549	<b>-2.42</b>	108.5	0.00	94.26	-	-	0.00	0.00	-	0.00
	36	9,873	9,874	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	37	9,833	9,834	<b>3.13</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	38	11,689	11,689	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	39	11,513	11,513	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	40	11,692	11,692	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	41	12,305	12,306	<b>-0.09</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	42	12,558	12,558	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	43	12,135	12,136	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	44	12,539	12,539	<b>-0.35</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
	45	13,122	13,123	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	46	13,092	13,093	<b>-0.96</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	47	13,710	13,710	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	48	15,084	15,084	<b>-2.92</b>	108.5	0.00	94.57	-	-	0.00	0.00	-	0.00
	49	17,443	17,443	<b>-4.90</b>	108.5	0.00	95.83	-	-	0.00	0.00	-	0.00
	50	18,210	18,210	<b>-5.48</b>	108.5	0.00	96.21	-	-	0.00	0.00	-	0.00
	51	18,988	18,988	<b>-6.05</b>	108.5	0.00	96.57	-	-	0.00	0.00	-	0.00
	52	17,958	17,958	<b>-5.30</b>	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
	53	18,653	18,653	<b>-5.81</b>	108.5	0.00	96.42	-	-	0.00	0.00	-	0.00
	54	19,063	19,063	<b>-6.10</b>	108.5	0.00	96.60	-	-	0.00	0.00	-	0.00
	55	19,073	19,073	<b>-6.11</b>	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
	56	19,972	19,972	<b>-6.73</b>	108.5	0.00	97.01	-	-	0.00	0.00	-	0.00
	57	18,913	18,913	<b>-5.99</b>	108.5	0.00	96.54	-	-	0.00	0.00	-	0.00
	58	19,344	19,344	<b>-6.30</b>	108.5	0.00	96.73	-	-	0.00	0.00	-	0.00
	59	20,286	20,286	<b>-6.93</b>	108.5	0.00	97.14	-	-	0.00	0.00	-	0.00
	60	20,721	20,721	<b>-7.22</b>	108.5	0.00	97.33	-	-	0.00	0.00	-	0.00

Sum 21.30



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H381 H381

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,488	4,489	<b>14.67</b>	108.5	0.00	84.04	-	-	0.00	0.00	-	0.00
	2	4,953	4,954	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00
	3	5,617	5,618	<b>11.41</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	4	5,356	5,357	<b>12.11</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
	5	6,983	6,983	<b>8.18</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	6	7,139	7,140	<b>7.85</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	7	7,278	7,279	<b>7.57</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	8	8,303	8,303	<b>5.62</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	9	8,971	8,971	<b>4.48</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	10	8,748	8,748	<b>4.85</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	11	6,604	6,605	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	12	8,370	8,370	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	13	9,820	9,820	<b>3.15</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	14	10,705	10,705	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	15	11,444	11,445	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	16	8,395	8,396	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	17	8,696	8,696	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	18	9,087	9,087	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	19	9,886	9,886	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	20	10,369	10,369	<b>2.36</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	21	11,198	11,198	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	22	12,485	12,485	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	23	13,494	13,494	<b>-1.38</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	24	7,973	7,974	<b>6.21</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	25	8,289	8,289	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	26	8,613	8,613	<b>5.07</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	27	9,988	9,989	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	28	10,480	10,480	<b>2.21</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	29	10,451	10,452	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	30	11,162	11,162	<b>1.30</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	31	11,696	11,696	<b>0.63</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	32	12,254	12,254	<b>-0.03</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	33	12,522	12,522	<b>-0.33</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	34	12,511	12,511	<b>-0.32</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	35	13,917	13,917	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	36	9,473	9,473	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	37	9,400	9,400	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	38	11,199	11,199	<b>1.25</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	39	10,992	10,993	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	40	11,145	11,145	<b>1.32</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	41	11,777	11,778	<b>0.54</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	42	12,003	12,003	<b>0.27</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	43	11,692	11,692	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	44	12,067	12,067	<b>0.19</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	45	12,637	12,638	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	46	12,710	12,710	<b>-0.54</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	47	13,312	13,313	<b>-1.19</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	48	14,617	14,617	<b>-2.49</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	49	16,964	16,964	<b>-4.53</b>	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
	50	17,700	17,700	<b>-5.10</b>	108.5	0.00	95.96	-	-	0.00	0.00	-	0.00
	51	18,489	18,489	<b>-5.69</b>	108.5	0.00	96.34	-	-	0.00	0.00	-	0.00
	52	17,501	17,501	<b>-4.95</b>	108.5	0.00	95.86	-	-	0.00	0.00	-	0.00
	53	18,205	18,205	<b>-5.48</b>	108.5	0.00	96.20	-	-	0.00	0.00	-	0.00
	54	18,606	18,606	<b>-5.77</b>	108.5	0.00	96.39	-	-	0.00	0.00	-	0.00
	55	18,585	18,585	<b>-5.76</b>	108.5	0.00	96.38	-	-	0.00	0.00	-	0.00
	56	19,505	19,505	<b>-6.41</b>	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00
	57	18,523	18,524	<b>-5.71</b>	108.5	0.00	96.35	-	-	0.00	0.00	-	0.00
	58	18,946	18,946	<b>-6.02</b>	108.5	0.00	96.55	-	-	0.00	0.00	-	0.00
	59	19,851	19,851	<b>-6.64</b>	108.5	0.00	96.96	-	-	0.00	0.00	-	0.00
	60	20,276	20,276	<b>-6.93</b>	108.5	0.00	97.14	-	-	0.00	0.00	-	0.00

Sum 22.62

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H382 H382

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,976	2,978	<b>20.29</b>	108.5	0.00	80.48	-	-	0.00	0.00	-	0.00
2	3,434	3,435	<b>18.41</b>	108.5	0.00	81.72	-	-	0.00	0.00	-	0.00
3	4,087	4,088	<b>16.00</b>	108.5	0.00	83.23	-	-	0.00	0.00	-	0.00
4	3,882	3,883	<b>16.72</b>	108.5	0.00	82.78	-	-	0.00	0.00	-	0.00
5	5,453	5,453	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
6	5,666	5,667	<b>11.28</b>	108.5	0.00	86.07	-	-	0.00	0.00	-	0.00
7	5,768	5,768	<b>11.02</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
8	6,782	6,782	<b>8.62</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
9	7,438	7,438	<b>7.25</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
10	7,251	7,251	<b>7.62</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
11	5,170	5,170	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
12	6,951	6,952	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
13	8,349	8,350	<b>5.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
14	9,256	9,256	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
15	9,987	9,987	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
16	7,109	7,110	<b>7.92</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
17	7,364	7,365	<b>7.39</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
18	7,728	7,729	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
19	8,581	8,581	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
20	9,008	9,008	<b>4.41</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
21	9,798	9,799	<b>3.18</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
22	11,066	11,067	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
23	12,062	12,062	<b>0.20</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
24	7,084	7,084	<b>7.97</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
25	7,339	7,339	<b>7.44</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
26	7,598	7,599	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
27	8,869	8,869	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
28	9,209	9,209	<b>4.09</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
29	9,246	9,246	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
30	9,869	9,870	<b>3.08</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
31	10,401	10,401	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
32	10,965	10,965	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
33	11,208	11,208	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
34	11,147	11,147	<b>1.32</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
35	12,520	12,520	<b>-0.33</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
36	8,755	8,756	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
37	8,595	8,595	<b>5.11</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
38	10,218	10,218	<b>2.57</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
39	9,929	9,929	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
40	10,004	10,005	<b>2.88</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
41	10,687	10,687	<b>1.93</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
42	10,836	10,836	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
43	10,834	10,834	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
44	11,128	11,129	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
45	11,659	11,659	<b>0.68</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
46	12,003	12,003	<b>0.27</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
47	12,560	12,561	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
48	13,674	13,675	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
49	15,982	15,982	<b>-3.71</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
50	16,632	16,632	<b>-4.26</b>	108.5	0.00	95.42	-	-	0.00	0.00	-	0.00
51	17,449	17,450	<b>-4.91</b>	108.5	0.00	95.84	-	-	0.00	0.00	-	0.00
52	16,574	16,575	<b>-4.21</b>	108.5	0.00	95.39	-	-	0.00	0.00	-	0.00
53	17,297	17,297	<b>-4.79</b>	108.5	0.00	95.76	-	-	0.00	0.00	-	0.00
54	17,674	17,674	<b>-5.08</b>	108.5	0.00	95.95	-	-	0.00	0.00	-	0.00
55	17,574	17,575	<b>-5.00</b>	108.5	0.00	95.90	-	-	0.00	0.00	-	0.00
56	18,544	18,545	<b>-5.73</b>	108.5	0.00	96.36	-	-	0.00	0.00	-	0.00
57	17,765	17,765	<b>-5.15</b>	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
58	18,165	18,165	<b>-5.45</b>	108.5	0.00	96.18	-	-	0.00	0.00	-	0.00
59	18,974	18,975	<b>-6.04</b>	108.5	0.00	96.56	-	-	0.00	0.00	-	0.00
60	19,369	19,369	<b>-6.31</b>	108.5	0.00	96.74	-	-	0.00	0.00	-	0.00

Sum 26.45

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H383 H383

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,563	3,564	<b>17.90</b>	108.5	0.00	82.04	-	-	0.00	0.00	-	0.00
2	4,032	4,033	<b>16.19</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
3	4,706	4,707	<b>13.99</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
4	4,416	4,417	<b>14.90</b>	108.5	0.00	83.90	-	-	0.00	0.00	-	0.00
5	6,071	6,071	<b>10.26</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
6	6,198	6,198	<b>9.96</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
7	6,348	6,349	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
8	7,379	7,380	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
9	8,061	8,061	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
10	7,812	7,812	<b>6.52</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
11	5,660	5,661	<b>11.30</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
12	7,426	7,426	<b>7.27</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
13	8,878	8,878	<b>4.63</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
14	9,761	9,761	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
15	10,501	10,501	<b>2.18</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
16	7,471	7,472	<b>7.18</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
17	7,763	7,763	<b>6.61</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
18	8,150	8,150	<b>5.89</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
19	8,959	8,959	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
20	9,432	9,432	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
21	10,256	10,256	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
22	11,541	11,542	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
23	12,550	12,550	<b>-0.36</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
24	7,180	7,181	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
25	7,473	7,473	<b>7.18</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
26	7,773	7,773	<b>6.59</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
27	9,114	9,114	<b>4.24</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
28	9,561	9,562	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
29	9,551	9,551	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
30	10,239	10,239	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
31	10,772	10,773	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
32	11,332	11,332	<b>1.09</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
33	11,595	11,595	<b>0.76</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
34	11,574	11,574	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
35	12,976	12,976	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
36	8,759	8,759	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
37	8,647	8,647	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
38	10,377	10,377	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
39	10,139	10,139	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
40	10,265	10,265	<b>2.51</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
41	10,915	10,916	<b>1.62</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
42	11,116	11,116	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
43	10,921	10,921	<b>1.62</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
44	11,262	11,263	<b>1.17</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
45	11,818	11,818	<b>0.49</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
46	12,007	12,008	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
47	12,590	12,590	<b>-0.41</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
48	13,814	13,814	<b>-1.71</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
49	16,147	16,147	<b>-3.85</b>	108.5	0.00	95.16	-	-	0.00	0.00	-	0.00
50	16,850	16,850	<b>-4.43</b>	108.5	0.00	95.53	-	-	0.00	0.00	-	0.00
51	17,650	17,651	<b>-5.06</b>	108.5	0.00	95.94	-	-	0.00	0.00	-	0.00
52	16,707	16,707	<b>-4.32</b>	108.5	0.00	95.46	-	-	0.00	0.00	-	0.00
53	17,419	17,419	<b>-4.88</b>	108.5	0.00	95.82	-	-	0.00	0.00	-	0.00
54	17,810	17,810	<b>-5.18</b>	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
55	17,758	17,758	<b>-5.14</b>	108.5	0.00	95.99	-	-	0.00	0.00	-	0.00
56	18,698	18,698	<b>-5.84</b>	108.5	0.00	96.44	-	-	0.00	0.00	-	0.00
57	17,803	17,803	<b>-5.18</b>	108.5	0.00	96.01	-	-	0.00	0.00	-	0.00
58	18,216	18,216	<b>-5.49</b>	108.5	0.00	96.21	-	-	0.00	0.00	-	0.00
59	19,079	19,080	<b>-6.11</b>	108.5	0.00	96.61	-	-	0.00	0.00	-	0.00
60	19,491	19,491	<b>-6.40</b>	108.5	0.00	96.80	-	-	0.00	0.00	-	0.00

Sum 24.87

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H384 H384

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,136	4,137	<b>15.83</b>	108.5	0.00	83.33	-	-	0.00	0.00	-	0.00
	2	4,611	4,611	<b>14.29</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	3	5,296	5,297	<b>12.27</b>	108.5	0.00	85.48	-	-	0.00	0.00	-	0.00
	4	4,938	4,939	<b>13.29</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
	5	6,655	6,655	<b>8.90</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	6	6,705	6,705	<b>8.79</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
	7	6,898	6,898	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	8	7,941	7,941	<b>6.28</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	9	8,645	8,645	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	10	8,338	8,338	<b>5.55</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	11	6,135	6,136	<b>10.11</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	12	7,876	7,877	<b>6.40</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	13	9,371	9,372	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	14	10,230	10,230	<b>2.56</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	15	10,977	10,977	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	16	7,820	7,820	<b>6.50</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	17	8,143	8,144	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	18	8,548	8,548	<b>5.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	19	9,315	9,315	<b>3.92</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	20	9,828	9,828	<b>3.14</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	21	10,680	10,681	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	22	11,979	11,979	<b>0.29</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	23	12,998	12,998	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	24	7,287	7,287	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	25	7,611	7,612	<b>6.90</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	26	7,948	7,948	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	27	9,346	9,346	<b>3.87</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	28	9,891	9,891	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	29	9,836	9,836	<b>3.13</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	30	10,581	10,581	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	31	11,115	11,115	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	32	11,669	11,669	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	33	11,950	11,950	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	34	11,967	11,967	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	35	13,393	13,393	<b>-1.28</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	36	8,765	8,766	<b>4.82</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	37	8,700	8,700	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	38	10,522	10,522	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	39	10,333	10,333	<b>2.41</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	40	10,506	10,506	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	41	11,124	11,124	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	42	11,371	11,372	<b>1.04</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	43	10,995	10,996	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	44	11,381	11,381	<b>1.02</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	45	11,958	11,958	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	46	12,000	12,000	<b>0.27</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	47	12,605	12,605	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	48	13,929	13,930	<b>-1.82</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
	49	16,282	16,283	<b>-3.97</b>	108.5	0.00	95.23	-	-	0.00	0.00	-	0.00
	50	17,035	17,035	<b>-4.58</b>	108.5	0.00	95.63	-	-	0.00	0.00	-	0.00
	51	17,818	17,818	<b>-5.19</b>	108.5	0.00	96.02	-	-	0.00	0.00	-	0.00
	52	16,810	16,810	<b>-4.40</b>	108.5	0.00	95.51	-	-	0.00	0.00	-	0.00
	53	17,511	17,511	<b>-4.95</b>	108.5	0.00	95.87	-	-	0.00	0.00	-	0.00
	54	17,915	17,915	<b>-5.26</b>	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
	55	17,908	17,908	<b>-5.26</b>	108.5	0.00	96.06	-	-	0.00	0.00	-	0.00
	56	18,818	18,818	<b>-5.93</b>	108.5	0.00	96.49	-	-	0.00	0.00	-	0.00
	57	17,815	17,815	<b>-5.19</b>	108.5	0.00	96.02	-	-	0.00	0.00	-	0.00
	58	18,239	18,239	<b>-5.51</b>	108.5	0.00	96.22	-	-	0.00	0.00	-	0.00
	59	19,153	19,153	<b>-6.16</b>	108.5	0.00	96.64	-	-	0.00	0.00	-	0.00
	60	19,581	19,581	<b>-6.46</b>	108.5	0.00	96.84	-	-	0.00	0.00	-	0.00

Sum 23.59

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H385 H385

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,280	2,283	<b>23.84</b>	108.5	0.00	78.17	-	-	0.00	0.00	-	0.00
	2	2,756	2,758	<b>21.28</b>	108.5	0.00	79.81	-	-	0.00	0.00	-	0.00
	3	3,448	3,449	<b>18.35</b>	108.5	0.00	81.76	-	-	0.00	0.00	-	0.00
	4	3,077	3,079	<b>19.86</b>	108.5	0.00	80.77	-	-	0.00	0.00	-	0.00
	5	4,799	4,800	<b>13.71</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	6	4,852	4,853	<b>13.55</b>	108.5	0.00	84.72	-	-	0.00	0.00	-	0.00
	7	5,033	5,033	<b>13.02</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00
	8	6,076	6,077	<b>10.25</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	9	6,787	6,787	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
	10	6,477	6,478	<b>9.30</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	11	4,303	4,304	<b>15.27</b>	108.5	0.00	83.68	-	-	0.00	0.00	-	0.00
	12	6,067	6,068	<b>10.27</b>	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	13	7,527	7,528	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	14	8,404	8,404	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	15	9,146	9,146	<b>4.19</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	16	6,140	6,141	<b>10.09</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	17	6,417	6,418	<b>9.44</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	18	6,797	6,798	<b>8.58</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	19	7,622	7,622	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	20	8,080	8,080	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	21	8,898	8,898	<b>4.60</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	22	10,183	10,183	<b>2.63</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	23	11,191	11,191	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	24	6,080	6,081	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	25	6,329	6,330	<b>9.64</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	26	6,585	6,586	<b>9.05</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	27	7,861	7,862	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	28	8,236	8,237	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	29	8,254	8,254	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	30	8,906	8,906	<b>4.58</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	31	9,439	9,439	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	32	10,000	10,001	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	33	10,255	10,255	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	34	10,221	10,222	<b>2.57</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	35	11,618	11,619	<b>0.73</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	36	7,778	7,779	<b>6.58</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	37	7,601	7,602	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	38	9,205	9,206	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	39	8,917	8,918	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	40	9,000	9,001	<b>4.43</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	41	9,677	9,678	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	42	9,837	9,837	<b>3.13</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	43	9,829	9,830	<b>3.14</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	44	10,117	10,118	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	45	10,646	10,646	<b>1.98</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	46	11,021	11,022	<b>1.48</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	47	11,570	11,570	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	48	12,662	12,663	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	49	14,969	14,969	<b>-2.82</b>	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
	50	15,622	15,622	<b>-3.40</b>	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	51	16,438	16,438	<b>-4.10</b>	108.5	0.00	95.32	-	-	0.00	0.00	-	0.00
	52	15,563	15,563	<b>-3.35</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	53	16,286	16,286	<b>-3.97</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00
	54	16,662	16,663	<b>-4.28</b>	108.5	0.00	95.43	-	-	0.00	0.00	-	0.00
	55	16,562	16,562	<b>-4.20</b>	108.5	0.00	95.38	-	-	0.00	0.00	-	0.00
	56	17,532	17,532	<b>-4.97</b>	108.5	0.00	95.88	-	-	0.00	0.00	-	0.00
	57	16,769	16,770	<b>-4.37</b>	108.5	0.00	95.49	-	-	0.00	0.00	-	0.00
	58	17,166	17,166	<b>-4.69</b>	108.5	0.00	95.69	-	-	0.00	0.00	-	0.00
	59	17,965	17,966	<b>-5.30</b>	108.5	0.00	96.09	-	-	0.00	0.00	-	0.00
	60	18,358	18,358	<b>-5.59</b>	108.5	0.00	96.28	-	-	0.00	0.00	-	0.00

Sum 29.13

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H386 H386

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,679	3,680	<b>17.47</b>	108.5	0.00	82.32	-	-	0.00	0.00	-	0.00
	2	4,106	4,106	<b>15.94</b>	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
	3	4,778	4,778	<b>13.77</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	4	4,100	4,100	<b>15.96</b>	108.5	0.00	83.26	-	-	0.00	0.00	-	0.00
	5	5,984	5,984	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	6	5,640	5,640	<b>11.35</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
	7	6,023	6,023	<b>10.38</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	8	7,073	7,073	<b>7.99</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	9	7,874	7,874	<b>6.40</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	10	7,280	7,280	<b>7.57</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
	11	4,972	4,972	<b>13.20</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	12	6,525	6,525	<b>9.19</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	13	8,138	8,139	<b>5.91</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	14	8,881	8,881	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	15	9,637	9,637	<b>3.43</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	16	6,148	6,149	<b>10.07</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	17	6,551	6,551	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	18	7,000	7,000	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	19	7,626	7,626	<b>6.88</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	20	8,242	8,242	<b>5.72</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	21	9,167	9,167	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	22	10,488	10,488	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	23	11,529	11,529	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	24	5,160	5,161	<b>12.65</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	25	5,521	5,521	<b>11.66</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	26	5,904	5,905	<b>10.67</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	27	7,379	7,380	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	28	8,123	8,123	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	29	7,967	7,968	<b>6.23</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	30	8,835	8,835	<b>4.70</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	31	9,363	9,363	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	32	9,897	9,897	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	33	10,218	10,218	<b>2.58</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	34	10,337	10,337	<b>2.41</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	35	11,820	11,820	<b>0.48</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
	36	6,553	6,554	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	37	6,515	6,515	<b>9.22</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	38	8,415	8,416	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	39	8,295	8,295	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	40	8,544	8,544	<b>5.19</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	41	9,102	9,102	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	42	9,429	9,429	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	43	8,819	8,820	<b>4.73</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	44	9,242	9,242	<b>4.04</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	45	9,840	9,840	<b>3.12</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	46	9,780	9,781	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	47	10,392	10,392	<b>2.33</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	48	11,781	11,781	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	49	14,148	14,148	<b>-2.04</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	50	14,956	14,956	<b>-2.80</b>	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
	51	15,715	15,716	<b>-3.48</b>	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00
	52	14,646	14,646	<b>-2.52</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	53	15,337	15,337	<b>-3.15</b>	108.5	0.00	94.71	-	-	0.00	0.00	-	0.00
	54	15,751	15,751	<b>-3.51</b>	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
	55	15,786	15,786	<b>-3.55</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00
	56	16,666	16,666	<b>-4.28</b>	108.5	0.00	95.44	-	-	0.00	0.00	-	0.00
	57	15,598	15,598	<b>-3.38</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	58	16,026	16,026	<b>-3.75</b>	108.5	0.00	95.10	-	-	0.00	0.00	-	0.00
	59	16,965	16,965	<b>-4.53</b>	108.5	0.00	95.59	-	-	0.00	0.00	-	0.00
	60	17,404	17,404	<b>-4.87</b>	108.5	0.00	95.81	-	-	0.00	0.00	-	0.00

Sum 26.11

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H387 H387

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,483	3,484	<b>18.21</b>	108.5	0.00	81.84	-	-	0.00	0.00	-	0.00
	2	3,830	3,831	<b>16.91</b>	108.5	0.00	82.67	-	-	0.00	0.00	-	0.00
	3	4,433	4,434	<b>14.85</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	4	3,632	3,633	<b>17.64</b>	108.5	0.00	82.21	-	-	0.00	0.00	-	0.00
	5	5,485	5,485	<b>11.76</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	6	4,945	4,945	<b>13.28</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	7	5,413	5,414	<b>11.95</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	8	6,433	6,433	<b>9.40</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
	9	7,261	7,261	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	10	6,539	6,539	<b>9.16</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	11	4,255	4,255	<b>15.44</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	12	5,658	5,658	<b>11.30</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	13	7,298	7,298	<b>7.53</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	14	7,979	7,979	<b>6.20</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	15	8,732	8,732	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	16	5,140	5,141	<b>12.71</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	17	5,572	5,572	<b>11.53</b>	108.5	0.00	85.92	-	-	0.00	0.00	-	0.00
	18	6,034	6,034	<b>10.35</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
	19	6,596	6,596	<b>9.03</b>	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
	20	7,248	7,248	<b>7.63</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	21	8,193	8,193	<b>5.81</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	22	9,515	9,515	<b>3.61</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	23	10,559	10,559	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	24	4,036	4,037	<b>16.18</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	25	4,394	4,394	<b>14.98</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
	26	4,780	4,781	<b>13.77</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	27	6,266	6,266	<b>9.79</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	28	7,062	7,062	<b>8.02</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	29	6,876	6,877	<b>8.41</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	30	7,778	7,778	<b>6.58</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	31	8,301	8,302	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	32	8,827	8,828	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	33	9,161	9,161	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	34	9,313	9,313	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	35	10,810	10,810	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	36	5,481	5,482	<b>11.77</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	37	5,413	5,414	<b>11.95</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	38	7,290	7,290	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
	39	7,170	7,170	<b>7.79</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	40	7,429	7,429	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	41	7,978	7,978	<b>6.21</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	42	8,317	8,317	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	43	7,713	7,713	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	44	8,122	8,123	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	45	8,716	8,717	<b>4.90</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	46	8,723	8,724	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	47	9,320	9,320	<b>3.92</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	48	10,664	10,664	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	49	13,028	13,028	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	50	13,829	13,829	<b>-1.72</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	51	14,591	14,591	<b>-2.46</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	52	13,535	13,535	<b>-1.42</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	53	14,230	14,231	<b>-2.12</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	54	14,640	14,640	<b>-2.51</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	55	14,664	14,664	<b>-2.53</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	56	15,551	15,551	<b>-3.34</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	57	14,532	14,532	<b>-2.41</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	58	14,953	14,953	<b>-2.80</b>	108.5	0.00	94.49	-	-	0.00	0.00	-	0.00
	59	15,867	15,867	<b>-3.61</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00
	60	16,299	16,299	<b>-3.98</b>	108.5	0.00	95.24	-	-	0.00	0.00	-	0.00

Sum 27.95

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H388 H388

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,501	4,501	<b>14.63</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	2	4,864	4,865	<b>13.51</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	3	5,478	5,478	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	4	4,682	4,683	<b>14.07</b>	108.5	0.00	84.41	-	-	0.00	0.00	-	0.00
	5	6,533	6,533	<b>9.17</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
	6	5,962	5,962	<b>10.53</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	7	6,448	6,448	<b>9.37</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
	8	7,458	7,458	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	9	8,291	8,291	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	10	7,533	7,533	<b>7.06</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	11	5,269	5,270	<b>12.35</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	12	6,591	6,591	<b>9.04</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
	13	8,238	8,238	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	14	8,872	8,872	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	15	9,619	9,619	<b>3.45</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	16	5,946	5,946	<b>10.57</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
	17	6,408	6,409	<b>9.46</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	18	6,880	6,880	<b>8.40</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	19	7,353	7,353	<b>7.42</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	20	8,050	8,050	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	21	9,016	9,016	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	22	10,332	10,332	<b>2.41</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	23	11,375	11,375	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	24	4,395	4,396	<b>14.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
	25	4,811	4,812	<b>13.67</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	26	5,261	5,261	<b>12.37</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
	27	6,803	6,804	<b>8.57</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	28	7,757	7,758	<b>6.62</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	29	7,497	7,497	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	30	8,477	8,477	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	31	8,988	8,988	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	32	9,492	9,493	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	33	9,849	9,849	<b>3.11</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	34	10,062	10,063	<b>2.80</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	35	11,574	11,574	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	36	5,537	5,538	<b>11.62</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	37	5,584	5,585	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
	38	7,619	7,619	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	39	7,604	7,604	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	40	7,949	7,950	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	41	8,421	8,421	<b>5.41</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	42	8,844	8,844	<b>4.68</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	43	7,885	7,885	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	44	8,379	8,380	<b>5.48</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	45	9,008	9,008	<b>4.41</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	46	8,708	8,709	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	47	9,346	9,347	<b>3.87</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	48	10,883	10,883	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	49	13,265	13,265	<b>-1.14</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	50	14,152	14,152	<b>-2.04</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	51	14,876	14,876	<b>-2.73</b>	108.5	0.00	94.45	-	-	0.00	0.00	-	0.00
	52	13,708	13,708	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	53	14,378	14,378	<b>-2.26</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	54	14,809	14,809	<b>-2.67</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00
	55	14,917	14,917	<b>-2.77</b>	108.5	0.00	94.47	-	-	0.00	0.00	-	0.00
	56	15,745	15,745	<b>-3.51</b>	108.5	0.00	94.94	-	-	0.00	0.00	-	0.00
	57	14,528	14,528	<b>-2.40</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	58	14,969	14,969	<b>-2.82</b>	108.5	0.00	94.50	-	-	0.00	0.00	-	0.00
	59	15,973	15,973	<b>-3.71</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00
	60	16,433	16,433	<b>-4.09</b>	108.5	0.00	95.31	-	-	0.00	0.00	-	0.00
Sum	25.87												



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H389 H389

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,236	4,237	<b>15.50</b>	108.5	0.00	83.54	-	-	0.00	0.00	-	0.00
	2	4,584	4,584	<b>14.37</b>	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
	3	5,182	5,183	<b>12.59</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	4	4,371	4,372	<b>15.05</b>	108.5	0.00	83.81	-	-	0.00	0.00	-	0.00
	5	6,210	6,210	<b>9.93</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	6	5,616	5,617	<b>11.41</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	7	6,111	6,111	<b>10.16</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	8	7,115	7,115	<b>7.91</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	9	7,950	7,950	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	10	7,180	7,180	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	11	4,923	4,924	<b>13.34</b>	108.5	0.00	84.85	-	-	0.00	0.00	-	0.00
	12	6,232	6,232	<b>9.87</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	13	7,880	7,880	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	14	8,513	8,513	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	15	9,260	9,260	<b>4.01</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	16	5,590	5,591	<b>11.48</b>	108.5	0.00	85.95	-	-	0.00	0.00	-	0.00
	17	6,051	6,051	<b>10.31</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	18	6,522	6,523	<b>9.20</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	19	7,002	7,002	<b>8.14</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	20	7,696	7,696	<b>6.74</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	21	8,660	8,660	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	22	9,977	9,977	<b>2.92</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	23	11,020	11,020	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	24	4,106	4,107	<b>15.94</b>	108.5	0.00	83.27	-	-	0.00	0.00	-	0.00
	25	4,511	4,512	<b>14.60</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
	26	4,950	4,950	<b>13.26</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	27	6,485	6,485	<b>9.28</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
	28	7,415	7,415	<b>7.29</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	29	7,165	7,165	<b>7.80</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	30	8,134	8,134	<b>5.92</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	31	8,647	8,647	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	32	9,155	9,155	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	33	9,509	9,509	<b>3.62</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	34	9,714	9,714	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	35	11,224	11,224	<b>1.22</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	36	5,329	5,330	<b>12.18</b>	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00
	37	5,344	5,345	<b>12.14</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	38	7,345	7,345	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
	39	7,307	7,307	<b>7.51</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	40	7,635	7,636	<b>6.86</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	41	8,123	8,123	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	42	8,530	8,530	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	43	7,650	7,651	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	44	8,124	8,124	<b>5.94</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	45	8,745	8,745	<b>4.85</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	46	8,528	8,529	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	47	9,155	9,155	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	48	10,640	10,640	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	49	13,019	13,019	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	50	13,885	13,885	<b>-1.78</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	51	14,618	14,619	<b>-2.49</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	52	13,479	13,479	<b>-1.36</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	53	14,156	14,157	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	54	14,582	14,582	<b>-2.46</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	55	14,667	14,668	<b>-2.54</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	56	15,511	15,512	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	57	14,349	14,350	<b>-2.23</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
	58	14,785	14,785	<b>-2.65</b>	108.5	0.00	94.40	-	-	0.00	0.00	-	0.00
	59	15,763	15,763	<b>-3.53</b>	108.5	0.00	94.95	-	-	0.00	0.00	-	0.00
	60	16,216	16,216	<b>-3.91</b>	108.5	0.00	95.20	-	-	0.00	0.00	-	0.00

Sum 26.65

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H390 H390

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,163	4,164	<b>15.74</b>	108.5	0.00	83.39	-	-	0.00	0.00	-	0.00
	2	4,500	4,500	<b>14.64</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	3	5,088	5,088	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	4	4,266	4,267	<b>15.40</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
	5	6,094	6,095	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	6	5,482	5,482	<b>11.77</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	7	5,984	5,984	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	8	6,983	6,983	<b>8.18</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	9	7,819	7,819	<b>6.50</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	10	7,038	7,038	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	11	4,789	4,789	<b>13.74</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	12	6,080	6,080	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	13	7,727	7,727	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	14	8,356	8,356	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	15	9,102	9,102	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	16	5,428	5,428	<b>11.91</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	17	5,890	5,890	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	18	6,362	6,362	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	19	6,838	6,838	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	20	7,533	7,533	<b>7.06</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	21	8,498	8,498	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	22	9,814	9,814	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	23	10,857	10,857	<b>1.70</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	24	3,950	3,951	<b>16.48</b>	108.5	0.00	82.93	-	-	0.00	0.00	-	0.00
	25	4,353	4,354	<b>15.11</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
	26	4,789	4,789	<b>13.74</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	27	6,322	6,323	<b>9.66</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	28	7,250	7,250	<b>7.63</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	29	7,001	7,001	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	30	7,969	7,969	<b>6.22</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	31	8,482	8,482	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	32	8,990	8,990	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	33	9,344	9,344	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	34	9,549	9,550	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	35	11,060	11,060	<b>1.43</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	36	5,199	5,200	<b>12.54</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	37	5,204	5,205	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	38	7,193	7,193	<b>7.74</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	39	7,149	7,149	<b>7.84</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
	40	7,474	7,474	<b>7.18</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	41	7,964	7,965	<b>6.23</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	42	8,368	8,368	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	43	7,510	7,511	<b>7.10</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	44	7,977	7,978	<b>6.21</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	45	8,596	8,596	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	46	8,407	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	47	9,029	9,030	<b>4.38</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	48	10,497	10,497	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	49	12,874	12,875	<b>-0.72</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	50	13,735	13,735	<b>-1.63</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	51	14,471	14,471	<b>-2.35</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	52	13,340	13,341	<b>-1.22</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	53	14,020	14,020	<b>-1.91</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	54	14,443	14,444	<b>-2.32</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	55	14,522	14,522	<b>-2.40</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	56	15,371	15,371	<b>-3.18</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
	57	14,228	14,228	<b>-2.12</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
	58	14,661	14,662	<b>-2.53</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	59	15,631	15,631	<b>-3.41</b>	108.5	0.00	94.88	-	-	0.00	0.00	-	0.00
	60	16,081	16,081	<b>-3.80</b>	108.5	0.00	95.13	-	-	0.00	0.00	-	0.00

Sum 27.01

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H391 H391

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,182	4,183	<b>15.68</b>	108.5	0.00	83.43	-	-	0.00	0.00	-	0.00
	2	4,517	4,518	<b>14.58</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
	3	5,104	5,104	<b>12.81</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
	4	4,281	4,282	<b>15.35</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
	5	6,108	6,108	<b>10.17</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	6	5,492	5,492	<b>11.74</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	7	5,995	5,996	<b>10.45</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	8	6,993	6,993	<b>8.16</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	9	7,830	7,830	<b>6.48</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	10	7,046	7,046	<b>8.05</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	11	4,798	4,799	<b>13.71</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	12	6,085	6,085	<b>10.23</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	13	7,732	7,732	<b>6.67</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	14	8,358	8,358	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	15	9,104	9,104	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	16	5,428	5,428	<b>11.91</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	17	5,891	5,891	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	18	6,363	6,363	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	19	6,836	6,836	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	20	7,532	7,532	<b>7.06</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	21	8,498	8,498	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	22	9,814	9,814	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	23	10,857	10,857	<b>1.70</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	24	3,939	3,940	<b>16.52</b>	108.5	0.00	82.91	-	-	0.00	0.00	-	0.00
	25	4,342	4,343	<b>15.14</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	26	4,780	4,780	<b>13.77</b>	108.5	0.00	84.59	-	-	0.00	0.00	-	0.00
	27	6,314	6,315	<b>9.68</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	28	7,246	7,246	<b>7.64</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	29	6,994	6,995	<b>8.16</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	30	7,965	7,965	<b>6.23</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	31	8,477	8,478	<b>5.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	32	8,985	8,985	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	33	9,339	9,339	<b>3.89</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	34	9,547	9,547	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	35	11,058	11,058	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	36	5,181	5,182	<b>12.59</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	37	5,188	5,189	<b>12.57</b>	108.5	0.00	85.30	-	-	0.00	0.00	-	0.00
	38	7,180	7,181	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	39	7,138	7,138	<b>7.86</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	40	7,465	7,465	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	41	7,954	7,954	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	42	8,359	8,359	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	43	7,495	7,495	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	44	7,963	7,963	<b>6.23</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	45	8,582	8,583	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	46	8,388	8,389	<b>5.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	47	9,011	9,012	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	48	10,482	10,482	<b>2.21</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	49	12,860	12,860	<b>-0.71</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	50	13,721	13,722	<b>-1.61</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	51	14,457	14,457	<b>-2.34</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	52	13,324	13,325	<b>-1.20</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	53	14,004	14,004	<b>-1.90</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	54	14,427	14,428	<b>-2.31</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	55	14,508	14,508	<b>-2.39</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	56	15,355	15,355	<b>-3.17</b>	108.5	0.00	94.73	-	-	0.00	0.00	-	0.00
	57	14,209	14,210	<b>-2.10</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	58	14,643	14,643	<b>-2.51</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	59	15,614	15,614	<b>-3.40</b>	108.5	0.00	94.87	-	-	0.00	0.00	-	0.00
	60	16,064	16,064	<b>-3.78</b>	108.5	0.00	95.12	-	-	0.00	0.00	-	0.00

Sum 27.01

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H392 H392

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,207	4,207	<b>15.60</b>	108.5	0.00	83.48	-	-	0.00	0.00	-	0.00
	2	4,541	4,541	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
	3	5,126	5,126	<b>12.75</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	4	4,302	4,303	<b>15.28</b>	108.5	0.00	83.67	-	-	0.00	0.00	-	0.00
	5	6,126	6,127	<b>10.13</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	6	5,506	5,506	<b>11.70</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
	7	6,012	6,012	<b>10.41</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	8	7,008	7,008	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	9	7,845	7,845	<b>6.46</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	10	7,058	7,058	<b>8.03</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	11	4,813	4,813	<b>13.67</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	12	6,093	6,093	<b>10.21</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	13	7,740	7,741	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,364	8,364	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	15	9,109	9,109	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	16	5,430	5,430	<b>11.91</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	17	5,894	5,894	<b>10.70</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	18	6,367	6,367	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	19	6,835	6,836	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	20	7,533	7,534	<b>7.06</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	21	8,500	8,500	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	22	9,816	9,816	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	23	10,858	10,858	<b>1.70</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	24	3,926	3,927	<b>16.57</b>	108.5	0.00	82.88	-	-	0.00	0.00	-	0.00
	25	4,331	4,332	<b>15.18</b>	108.5	0.00	83.73	-	-	0.00	0.00	-	0.00
	26	4,770	4,770	<b>13.80</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	27	6,306	6,306	<b>9.70</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	28	7,243	7,243	<b>7.64</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
	29	6,989	6,989	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	30	7,962	7,962	<b>6.24</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	31	8,474	8,474	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	32	8,981	8,981	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	33	9,336	9,336	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	34	9,546	9,546	<b>3.57</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	35	11,057	11,057	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	36	5,161	5,162	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	37	5,170	5,171	<b>12.63</b>	108.5	0.00	85.27	-	-	0.00	0.00	-	0.00
	38	7,166	7,166	<b>7.80</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	39	7,126	7,127	<b>7.88</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	40	7,456	7,456	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	41	7,942	7,943	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	42	8,350	8,351	<b>5.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	43	7,476	7,477	<b>7.17</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	44	7,947	7,947	<b>6.26</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	45	8,567	8,567	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	46	8,366	8,367	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	47	8,990	8,990	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	48	10,464	10,464	<b>2.23</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	49	12,843	12,843	<b>-0.69</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	50	13,706	13,707	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	51	14,441	14,441	<b>-2.32</b>	108.5	0.00	94.19	-	-	0.00	0.00	-	0.00
	52	13,306	13,306	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	53	13,984	13,985	<b>-1.88</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	54	14,409	14,409	<b>-2.29</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	55	14,491	14,491	<b>-2.37</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	56	15,337	15,337	<b>-3.15</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00
	57	14,187	14,188	<b>-2.08</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	58	14,621	14,622	<b>-2.49</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	59	15,594	15,594	<b>-3.38</b>	108.5	0.00	94.86	-	-	0.00	0.00	-	0.00
	60	16,045	16,045	<b>-3.77</b>	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00

Sum 27.00

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H393 H393

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,227	4,228	<b>15.53</b>	108.5	0.00	83.52	-	-	0.00	0.00	-	0.00
	2	4,560	4,560	<b>14.45</b>	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
	3	5,143	5,144	<b>12.70</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	4	4,317	4,318	<b>15.23</b>	108.5	0.00	83.71	-	-	0.00	0.00	-	0.00
	5	6,140	6,140	<b>10.10</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
	6	5,515	5,515	<b>11.68</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	7	6,022	6,022	<b>10.38</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	8	7,017	7,017	<b>8.11</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	9	7,854	7,854	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	10	7,064	7,064	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	11	4,821	4,822	<b>13.64</b>	108.5	0.00	84.66	-	-	0.00	0.00	-	0.00
	12	6,095	6,095	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	13	7,743	7,743	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,363	8,363	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	15	9,108	9,108	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	16	5,426	5,426	<b>11.92</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	17	5,891	5,892	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	18	6,364	6,364	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	19	6,829	6,829	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	20	7,529	7,529	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	21	8,496	8,496	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	22	9,811	9,811	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	23	10,854	10,854	<b>1.70</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	24	3,908	3,909	<b>16.63</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
	25	4,315	4,316	<b>15.24</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	26	4,755	4,756	<b>13.84</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
	27	6,293	6,293	<b>9.73</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00
	28	7,234	7,234	<b>7.66</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
	29	6,978	6,978	<b>8.19</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	30	7,953	7,954	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	31	8,465	8,465	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	32	8,971	8,971	<b>4.48</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	33	9,327	9,327	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	34	9,539	9,539	<b>3.58</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	35	11,050	11,050	<b>1.45</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	36	5,137	5,138	<b>12.72</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	37	5,148	5,149	<b>12.69</b>	108.5	0.00	85.23	-	-	0.00	0.00	-	0.00
	38	7,147	7,147	<b>7.84</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	39	7,110	7,111	<b>7.92</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	40	7,442	7,442	<b>7.24</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	41	7,926	7,927	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	42	8,336	8,337	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	43	7,454	7,455	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
	44	7,926	7,927	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	45	8,547	8,547	<b>5.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	46	8,341	8,342	<b>5.55</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	47	8,965	8,966	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	48	10,443	10,443	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	49	12,822	12,822	<b>-0.66</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	50	13,687	13,687	<b>-1.58</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	51	14,421	14,421	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	52	13,284	13,284	<b>-1.16</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	53	13,962	13,962	<b>-1.85</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
	54	14,386	14,387	<b>-2.27</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
	55	14,470	14,470	<b>-2.35</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	56	15,315	15,316	<b>-3.13</b>	108.5	0.00	94.70	-	-	0.00	0.00	-	0.00
	57	14,162	14,163	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	58	14,597	14,597	<b>-2.47</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00
	59	15,570	15,571	<b>-3.36</b>	108.5	0.00	94.85	-	-	0.00	0.00	-	0.00
	60	16,022	16,022	<b>-3.75</b>	108.5	0.00	95.09	-	-	0.00	0.00	-	0.00

Sum 27.00

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H394 H394

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,272	4,273	<b>15.38</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	2	4,601	4,602	<b>14.32</b>	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
	3	5,181	5,181	<b>12.60</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	4	4,351	4,352	<b>15.12</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	5	6,168	6,168	<b>10.03</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	6	5,532	5,533	<b>11.63</b>	108.5	0.00	85.86	-	-	0.00	0.00	-	0.00
	7	6,045	6,045	<b>10.33</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	8	7,036	7,036	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	9	7,874	7,874	<b>6.40</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	10	7,076	7,076	<b>7.99</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	11	4,839	4,840	<b>13.59</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	12	6,098	6,098	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	13	7,746	7,746	<b>6.64</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,360	8,361	<b>5.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	15	9,105	9,105	<b>4.26</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	16	5,415	5,416	<b>11.95</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00
	17	5,884	5,884	<b>10.73</b>	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	18	6,357	6,357	<b>9.58</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	19	6,813	6,814	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	20	7,517	7,517	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	21	8,486	8,486	<b>5.29</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	22	9,800	9,800	<b>3.18</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	23	10,842	10,842	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	24	3,868	3,869	<b>16.77</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00
	25	4,277	4,278	<b>15.36</b>	108.5	0.00	83.62	-	-	0.00	0.00	-	0.00
	26	4,721	4,721	<b>13.95</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	27	6,261	6,261	<b>9.81</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	28	7,213	7,213	<b>7.70</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	29	6,951	6,952	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	30	7,932	7,932	<b>6.29</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	31	8,443	8,443	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	32	8,947	8,947	<b>4.51</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	33	9,304	9,304	<b>3.94</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	34	9,521	9,521	<b>3.60</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	35	11,034	11,034	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	36	5,082	5,083	<b>12.87</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
	37	5,098	5,099	<b>12.83</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	38	7,103	7,103	<b>7.93</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
	39	7,072	7,072	<b>8.00</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	40	7,408	7,409	<b>7.30</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	41	7,888	7,889	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	42	8,303	8,303	<b>5.62</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	43	7,404	7,404	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	44	7,879	7,879	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	45	8,501	8,501	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	46	8,284	8,285	<b>5.65</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	47	8,909	8,910	<b>4.58</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	48	10,394	10,394	<b>2.33</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	49	12,773	12,773	<b>-0.61</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	50	13,642	13,642	<b>-1.53</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
	51	14,374	14,374	<b>-2.26</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	52	13,232	13,233	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	53	13,910	13,910	<b>-1.80</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	54	14,335	14,335	<b>-2.22</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	55	14,422	14,422	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	56	15,265	15,265	<b>-3.09</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	57	14,105	14,106	<b>-2.00</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	58	14,540	14,541	<b>-2.42</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	59	15,517	15,517	<b>-3.31</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	60	15,969	15,969	<b>-3.70</b>	108.5	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 27.02

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H395 H395

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,132	4,133	15.85	108.5	0.00	83.32	-	-	0.00	0.00	-	0.00
	2	4,470	4,471	14.73	108.5	0.00	84.01	-	-	0.00	0.00	-	0.00
	3	5,060	5,060	12.94	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
	4	4,240	4,241	15.48	108.5	0.00	83.55	-	-	0.00	0.00	-	0.00
	5	6,070	6,070	10.26	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	6	5,463	5,463	11.82	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	7	5,963	5,963	10.53	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	8	6,963	6,963	8.23	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
	9	7,799	7,799	6.54	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	10	7,021	7,022	8.10	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	11	4,769	4,770	13.80	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
	12	6,068	6,068	10.27	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
	13	7,715	7,715	6.70	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	14	8,347	8,347	5.54	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	15	9,093	9,094	4.28	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	16	5,423	5,424	11.93	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
	17	5,884	5,884	10.72	108.5	0.00	86.39	-	-	0.00	0.00	-	0.00
	18	6,355	6,356	9.58	108.5	0.00	87.06	-	-	0.00	0.00	-	0.00
	19	6,836	6,837	8.50	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	20	7,529	7,529	7.07	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	21	8,493	8,493	5.28	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	22	9,810	9,810	3.17	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	23	10,853	10,853	1.70	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	24	3,964	3,965	16.43	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00
	25	4,365	4,366	15.07	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	26	4,798	4,799	13.71	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
	27	6,330	6,331	9.64	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	28	7,251	7,251	7.62	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	29	7,005	7,005	8.14	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	30	7,970	7,970	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	31	8,484	8,484	5.30	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	32	8,993	8,993	4.44	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	33	9,346	9,346	3.88	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	34	9,549	9,549	3.56	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	35	11,058	11,058	1.44	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	36	5,222	5,223	12.48	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	37	5,224	5,225	12.47	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	38	7,208	7,209	7.71	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	39	7,161	7,161	7.81	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	40	7,482	7,483	7.16	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	41	7,976	7,976	6.21	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	42	8,376	8,377	5.49	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	43	7,531	7,531	7.06	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
	44	7,995	7,996	6.17	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	45	8,613	8,613	5.07	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	46	8,432	8,433	5.39	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	47	9,054	9,054	4.34	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	48	10,516	10,516	2.16	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	49	12,893	12,893	-0.74	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	50	13,751	13,751	-1.64	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
	51	14,488	14,488	-2.37	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	52	13,361	13,361	-1.24	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	53	14,041	14,041	-1.93	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	54	14,464	14,464	-2.34	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	55	14,540	14,541	-2.42	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	56	15,391	15,391	-3.20	108.5	0.00	94.75	-	-	0.00	0.00	-	0.00
	57	14,253	14,254	-2.14	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	58	14,686	14,686	-2.55	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
	59	15,653	15,653	-3.43	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
	60	16,102	16,103	-3.82	108.5	0.00	95.14	-	-	0.00	0.00	-	0.00
Sum		27.03											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H396 H396

WTG	No.	Distance [m]	Sound distance [m]	95% rated power										
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
	1	3,866	3,866	<b>16.78</b>	108.5	0.00	82.75	-	-	0.00	0.00	-	0.00	
	2	4,172	4,172	<b>15.71</b>	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00	
	3	4,731	4,732	<b>13.92</b>	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00	
	4	3,888	3,888	<b>16.70</b>	108.5	0.00	82.80	-	-	0.00	0.00	-	0.00	
	5	5,688	5,688	<b>11.23</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00	
	6	5,036	5,036	<b>13.01</b>	108.5	0.00	85.04	-	-	0.00	0.00	-	0.00	
	7	5,553	5,553	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00	
	8	6,540	6,541	<b>9.16</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00	
	9	7,379	7,379	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00	
	10	6,578	6,578	<b>9.07</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00	
	11	4,343	4,343	<b>15.14</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00	
	12	5,606	5,607	<b>11.44</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00	
	13	7,254	7,254	<b>7.62</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00	
	14	7,879	7,879	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00	
	15	8,625	8,625	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00	
	16	4,953	4,954	<b>13.25</b>	108.5	0.00	84.90	-	-	0.00	0.00	-	0.00	
	17	5,414	5,414	<b>11.95</b>	108.5	0.00	85.67	-	-	0.00	0.00	-	0.00	
	18	5,886	5,886	<b>10.72</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00	
	19	6,370	6,370	<b>9.55</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00	
	20	7,060	7,060	<b>8.02</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00	
	21	8,023	8,023	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00	
	22	9,340	9,340	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00	
	23	10,384	10,384	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00	
	24	3,576	3,576	<b>17.86</b>	108.5	0.00	82.07	-	-	0.00	0.00	-	0.00	
	25	3,960	3,961	<b>16.45</b>	108.5	0.00	82.96	-	-	0.00	0.00	-	0.00	
	26	4,378	4,378	<b>15.03</b>	108.5	0.00	83.83	-	-	0.00	0.00	-	0.00	
	27	5,897	5,898	<b>10.69</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00	
	28	6,791	6,791	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00	
	29	6,556	6,557	<b>9.12</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00	
	30	7,510	7,510	<b>7.10</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00	
	31	8,025	8,025	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00	
	32	8,538	8,538	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00	
	33	8,887	8,887	<b>4.61</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00	
	34	9,083	9,083	<b>4.29</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00	
	35	10,592	10,592	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00	
	36	4,938	4,939	<b>13.29</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00	
	37	4,897	4,898	<b>13.42</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00	
	38	6,830	6,831	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00	
	39	6,753	6,753	<b>8.68</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00	
	40	7,054	7,054	<b>8.03</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00	
	41	7,566	7,566	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00	
	42	7,946	7,947	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00	
	43	7,203	7,203	<b>7.72</b>	108.5	0.00	88.15	-	-	0.00	0.00	-	0.00	
	44	7,639	7,639	<b>6.85</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00	
	45	8,245	8,246	<b>5.72</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00	
	46	8,173	8,173	<b>5.85</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00	
	47	8,778	8,778	<b>4.80</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00	
	48	10,172	10,172	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00	
	49	12,543	12,543	<b>-0.36</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00	
	50	13,374	13,375	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00	
	51	14,123	14,123	<b>-2.01</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00	
	52	13,031	13,032	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00	
	53	13,720	13,720	<b>-1.61</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00	
	54	14,136	14,136	<b>-2.03</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00	
	55	14,185	14,185	<b>-2.07</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00	
	56	15,055	15,055	<b>-2.89</b>	108.5	0.00	94.55	-	-	0.00	0.00	-	0.00	
	57	13,987	13,987	<b>-1.88</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00	
	58	14,412	14,413	<b>-2.29</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00	
	59	15,346	15,347	<b>-3.16</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00	
	60	15,786	15,786	<b>-3.55</b>	108.5	0.00	94.97	-	-	0.00	0.00	-	0.00	

Sum 28.10



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H397 H397

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,287	4,287	<b>15.33</b>	108.5	0.00	83.64	-	-	0.00	0.00	-	0.00
	2	4,615	4,616	<b>14.27</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00
	3	5,194	5,194	<b>12.56</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	4	4,363	4,364	<b>15.08</b>	108.5	0.00	83.80	-	-	0.00	0.00	-	0.00
	5	6,179	6,179	<b>10.00</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	6	5,541	5,542	<b>11.61</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	7	6,054	6,055	<b>10.30</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	8	7,045	7,045	<b>8.05</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	9	7,883	7,883	<b>6.38</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	10	7,084	7,084	<b>7.97</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	11	4,848	4,849	<b>13.56</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
	12	6,104	6,104	<b>10.18</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	13	7,752	7,752	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	14	8,365	8,365	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	15	9,108	9,109	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	16	5,418	5,418	<b>11.94</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	17	5,887	5,887	<b>10.72</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	18	6,360	6,361	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	19	6,814	6,815	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	20	7,519	7,519	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	21	8,488	8,488	<b>5.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	22	9,802	9,802	<b>3.18</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	23	10,844	10,844	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	24	3,862	3,863	<b>16.80</b>	108.5	0.00	82.74	-	-	0.00	0.00	-	0.00
	25	4,272	4,273	<b>15.38</b>	108.5	0.00	83.61	-	-	0.00	0.00	-	0.00
	26	4,717	4,717	<b>13.96</b>	108.5	0.00	84.47	-	-	0.00	0.00	-	0.00
	27	6,257	6,258	<b>9.81</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	28	7,213	7,213	<b>7.70</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	29	6,949	6,950	<b>8.26</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	30	7,932	7,932	<b>6.29</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	31	8,442	8,442	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	32	8,945	8,946	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	33	9,303	9,304	<b>3.94</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	34	9,522	9,522	<b>3.60</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	35	11,034	11,034	<b>1.47</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	36	5,072	5,073	<b>12.91</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	37	5,089	5,090	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
	38	7,096	7,096	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	39	7,066	7,067	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	40	7,405	7,405	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	41	7,883	7,883	<b>6.38</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	42	8,299	8,300	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	43	7,394	7,395	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	44	7,871	7,871	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	45	8,493	8,494	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	46	8,272	8,273	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	47	8,898	8,899	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	48	10,385	10,385	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	49	12,764	12,764	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	50	13,635	13,635	<b>-1.52</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	51	14,366	14,366	<b>-2.25</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	52	13,223	13,223	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	53	13,900	13,900	<b>-1.79</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	54	14,325	14,326	<b>-2.21</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	55	14,414	14,414	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	56	15,256	15,256	<b>-3.08</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	57	14,094	14,094	<b>-1.98</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	58	14,529	14,529	<b>-2.41</b>	108.5	0.00	94.24	-	-	0.00	0.00	-	0.00
	59	15,506	15,506	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	60	15,959	15,959	<b>-3.69</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 27.01

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H398 H398

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,315	4,316	<b>15.23</b>	108.5	0.00	83.70	-	-	0.00	0.00	-	0.00
	2	4,642	4,643	<b>14.19</b>	108.5	0.00	84.34	-	-	0.00	0.00	-	0.00
	3	5,219	5,220	<b>12.49</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	4	4,387	4,388	<b>15.00</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	5	6,200	6,200	<b>9.95</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	6	5,557	5,557	<b>11.57</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	7	6,072	6,073	<b>10.26</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	8	7,061	7,062	<b>8.02</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	9	7,900	7,900	<b>6.35</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	10	7,096	7,096	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	11	4,864	4,864	<b>13.51</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	12	6,112	6,112	<b>10.16</b>	108.5	0.00	86.72	-	-	0.00	0.00	-	0.00
	13	7,760	7,760	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	14	8,369	8,369	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	15	9,113	9,113	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	16	5,418	5,419	<b>11.94</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
	17	5,889	5,889	<b>10.71</b>	108.5	0.00	86.40	-	-	0.00	0.00	-	0.00
	18	6,363	6,363	<b>9.57</b>	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
	19	6,812	6,812	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	20	7,519	7,519	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	21	8,489	8,489	<b>5.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	22	9,802	9,802	<b>3.18</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	23	10,844	10,844	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	24	3,845	3,846	<b>16.86</b>	108.5	0.00	82.70	-	-	0.00	0.00	-	0.00
	25	4,257	4,258	<b>15.43</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	26	4,704	4,704	<b>14.00</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	27	6,246	6,246	<b>9.84</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	28	7,207	7,207	<b>7.71</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	29	6,941	6,941	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	30	7,926	7,927	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	31	8,436	8,436	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	32	8,938	8,939	<b>4.53</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	33	9,297	9,297	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	34	9,518	9,518	<b>3.61</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	35	11,032	11,032	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	36	5,046	5,047	<b>12.98</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	37	5,066	5,066	<b>12.92</b>	108.5	0.00	85.09	-	-	0.00	0.00	-	0.00
	38	7,077	7,077	<b>7.98</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	39	7,051	7,051	<b>8.04</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
	40	7,392	7,392	<b>7.34</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	41	7,867	7,868	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	42	8,287	8,287	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	43	7,371	7,371	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	44	7,849	7,850	<b>6.45</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	45	8,473	8,473	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	46	8,244	8,245	<b>5.72</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	47	8,871	8,871	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	48	10,362	10,362	<b>2.37</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	49	12,742	12,742	<b>-0.58</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	50	13,615	13,615	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	51	14,345	14,345	<b>-2.23</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	52	13,199	13,199	<b>-1.07</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	53	13,875	13,875	<b>-1.77</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	54	14,301	14,302	<b>-2.19</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	55	14,392	14,392	<b>-2.27</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00
	56	15,232	15,232	<b>-3.06</b>	108.5	0.00	94.66	-	-	0.00	0.00	-	0.00
	57	14,066	14,066	<b>-1.96</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	58	14,501	14,501	<b>-2.38</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00
	59	15,481	15,481	<b>-3.28</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
	60	15,934	15,934	<b>-3.67</b>	108.5	0.00	95.05	-	-	0.00	0.00	-	0.00

Sum 27.01

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H399 H399

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,386	4,387	<b>15.00</b>	108.5	0.00	83.84	-	-	0.00	0.00	-	0.00
	2	4,712	4,712	<b>13.98</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	3	5,287	5,287	<b>12.30</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
	4	4,453	4,454	<b>14.79</b>	108.5	0.00	83.97	-	-	0.00	0.00	-	0.00
	5	6,263	6,264	<b>9.80</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	6	5,614	5,614	<b>11.42</b>	108.5	0.00	85.99	-	-	0.00	0.00	-	0.00
	7	6,132	6,132	<b>10.11</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	8	7,118	7,119	<b>7.90</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	9	7,957	7,958	<b>6.24</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	10	7,148	7,148	<b>7.84</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	11	4,921	4,921	<b>13.35</b>	108.5	0.00	84.84	-	-	0.00	0.00	-	0.00
	12	6,157	6,157	<b>10.05</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	13	7,804	7,804	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	14	8,408	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	15	9,151	9,151	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	16	5,450	5,451	<b>11.85</b>	108.5	0.00	85.73	-	-	0.00	0.00	-	0.00
	17	5,923	5,924	<b>10.63</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	18	6,398	6,398	<b>9.48</b>	108.5	0.00	87.12	-	-	0.00	0.00	-	0.00
	19	6,838	6,838	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	20	7,549	7,549	<b>7.03</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
	21	8,520	8,520	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	22	9,832	9,832	<b>3.13</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
	23	10,874	10,874	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	24	3,841	3,842	<b>16.87</b>	108.5	0.00	82.69	-	-	0.00	0.00	-	0.00
	25	4,257	4,258	<b>15.43</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	26	4,708	4,709	<b>13.99</b>	108.5	0.00	84.46	-	-	0.00	0.00	-	0.00
	27	6,253	6,254	<b>9.82</b>	108.5	0.00	86.92	-	-	0.00	0.00	-	0.00
	28	7,227	7,228	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	29	6,955	6,955	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	30	7,946	7,947	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	31	8,454	8,455	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	32	8,955	8,955	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	33	9,316	9,316	<b>3.92</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	34	9,542	9,542	<b>3.57</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	35	11,056	11,057	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	36	5,018	5,019	<b>13.06</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	37	5,046	5,047	<b>12.98</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	38	7,067	7,068	<b>8.01</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	39	7,049	7,050	<b>8.04</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	40	7,397	7,397	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	41	7,866	7,866	<b>6.42</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
	42	8,292	8,292	<b>5.63</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	43	7,350	7,350	<b>7.42</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	44	7,834	7,835	<b>6.48</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	45	8,460	8,460	<b>5.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	46	8,210	8,211	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	47	8,840	8,840	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	48	10,343	10,344	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	49	12,724	12,724	<b>-0.56</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	50	13,603	13,603	<b>-1.49</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	51	14,330	14,331	<b>-2.22</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	52	13,177	13,177	<b>-1.05</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	53	13,851	13,851	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	54	14,279	14,279	<b>-2.17</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	55	14,375	14,375	<b>-2.26</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	56	15,211	15,211	<b>-3.04</b>	108.5	0.00	94.64	-	-	0.00	0.00	-	0.00
	57	14,032	14,032	<b>-1.92</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	58	14,468	14,469	<b>-2.35</b>	108.5	0.00	94.21	-	-	0.00	0.00	-	0.00
	59	15,454	15,454	<b>-3.25</b>	108.5	0.00	94.78	-	-	0.00	0.00	-	0.00
	60	15,909	15,909	<b>-3.65</b>	108.5	0.00	95.03	-	-	0.00	0.00	-	0.00

Sum 26.94

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H400 H400

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,351	4,352	<b>15.12</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	2	4,673	4,673	<b>14.09</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
	3	5,244	5,245	<b>12.42</b>	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	4	4,407	4,408	<b>14.93</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	5	6,213	6,213	<b>9.92</b>	108.5	0.00	86.87	-	-	0.00	0.00	-	0.00
	6	5,557	5,557	<b>11.57</b>	108.5	0.00	85.90	-	-	0.00	0.00	-	0.00
	7	6,078	6,078	<b>10.25</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
	8	7,063	7,063	<b>8.02</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	9	7,902	7,902	<b>6.35</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	10	7,089	7,089	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	11	4,865	4,865	<b>13.51</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	12	6,095	6,095	<b>10.20</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	13	7,742	7,743	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	14	8,345	8,345	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	15	9,087	9,087	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	16	5,387	5,387	<b>12.03</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00
	17	5,860	5,860	<b>10.79</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	18	6,334	6,335	<b>9.63</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
	19	6,774	6,775	<b>8.63</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
	20	7,485	7,485	<b>7.15</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	21	8,456	8,456	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	22	9,768	9,769	<b>3.23</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	23	10,810	10,810	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	24	3,784	3,785	<b>17.08</b>	108.5	0.00	82.56	-	-	0.00	0.00	-	0.00
	25	4,198	4,199	<b>15.62</b>	108.5	0.00	83.46	-	-	0.00	0.00	-	0.00
	26	4,648	4,648	<b>14.17</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
	27	6,192	6,193	<b>9.97</b>	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
	28	7,164	7,164	<b>7.80</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
	29	6,892	6,892	<b>8.38</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	30	7,883	7,883	<b>6.38</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	31	8,391	8,391	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	32	8,892	8,892	<b>4.61</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	33	9,253	9,253	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	34	9,478	9,479	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	35	10,993	10,993	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	36	4,974	4,975	<b>13.19</b>	108.5	0.00	84.94	-	-	0.00	0.00	-	0.00
	37	4,997	4,997	<b>13.12</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	38	7,013	7,013	<b>8.12</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	39	6,991	6,992	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	40	7,337	7,337	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	41	7,808	7,808	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	42	8,232	8,232	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	43	7,301	7,302	<b>7.52</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	44	7,782	7,783	<b>6.57</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	45	8,407	8,407	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	46	8,171	8,172	<b>5.85</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	47	8,798	8,799	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	48	10,294	10,294	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	49	12,674	12,674	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	50	13,549	13,550	<b>-1.44</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	51	14,278	14,279	<b>-2.16</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	52	13,129	13,129	<b>-1.00</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	53	13,805	13,805	<b>-1.70</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	54	14,231	14,232	<b>-2.12</b>	108.5	0.00	94.07	-	-	0.00	0.00	-	0.00
	55	14,324	14,324	<b>-2.21</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	56	15,163	15,163	<b>-2.99</b>	108.5	0.00	94.62	-	-	0.00	0.00	-	0.00
	57	13,992	13,993	<b>-1.88</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
	58	14,428	14,428	<b>-2.31</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	59	15,409	15,409	<b>-3.21</b>	108.5	0.00	94.76	-	-	0.00	0.00	-	0.00
	60	15,863	15,863	<b>-3.61</b>	108.5	0.00	95.01	-	-	0.00	0.00	-	0.00

Sum 27.08

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H401 H401

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,309	5,309	<b>12.24</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
2	5,655	5,655	<b>11.31</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
3	6,247	6,247	<b>9.84</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
4	5,424	5,424	<b>11.92</b>	108.5	0.00	85.69	-	-	0.00	0.00	-	0.00
5	7,243	7,243	<b>7.64</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
6	6,589	6,589	<b>9.05</b>	108.5	0.00	87.38	-	-	0.00	0.00	-	0.00
7	7,112	7,112	<b>7.91</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
8	8,095	8,095	<b>5.99</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
9	8,935	8,935	<b>4.53</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
10	8,110	8,110	<b>5.96</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
11	5,897	5,897	<b>10.69</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
12	7,088	7,088	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
13	8,733	8,733	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
14	9,303	9,303	<b>3.94</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
15	10,038	10,038	<b>2.83</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
16	6,306	6,306	<b>9.70</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
17	6,795	6,795	<b>8.59</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
18	7,272	7,272	<b>7.58</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
19	7,645	7,645	<b>6.84</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
20	8,383	8,383	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
21	9,363	9,364	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
22	10,665	10,665	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
23	11,702	11,702	<b>0.63</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
24	4,397	4,398	<b>14.97</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
25	4,846	4,846	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
26	5,335	5,335	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
27	6,895	6,896	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
28	7,984	7,984	<b>6.20</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
29	7,655	7,655	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
30	8,698	8,699	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
31	9,193	9,193	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
32	9,673	9,673	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
33	10,051	10,051	<b>2.81</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
34	10,324	10,324	<b>2.43</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
35	11,843	11,843	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
36	5,256	5,257	<b>12.38</b>	108.5	0.00	85.41	-	-	0.00	0.00	-	0.00
37	5,393	5,394	<b>12.01</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
38	7,518	7,518	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
39	7,593	7,593	<b>6.94</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
40	8,010	8,010	<b>6.15</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
41	8,407	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
42	8,901	8,902	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
43	7,653	7,653	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
44	8,210	8,211	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
45	8,861	8,861	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
46	8,324	8,325	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
47	8,988	8,988	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
48	10,661	10,661	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
49	13,044	13,045	<b>-0.91</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
50	13,999	13,999	<b>-1.89</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
51	14,689	14,689	<b>-2.56</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
52	13,436	13,436	<b>-1.32</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
53	14,084	14,084	<b>-1.97</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
54	14,530	14,530	<b>-2.41</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
55	14,704	14,704	<b>-2.57</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
56	15,482	15,482	<b>-3.28</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00
57	14,119	14,119	<b>-2.01</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
58	14,574	14,574	<b>-2.45</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
59	15,641	15,642	<b>-3.42</b>	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
60	16,122	16,122	<b>-3.83</b>	108.5	0.00	95.15	-	-	0.00	0.00	-	0.00

Sum 25.14

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H402 H402

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,829	4,830	<b>13.62</b>	108.5	0.00	84.68	-	-	0.00	0.00	-	0.00
	2	5,118	5,118	<b>12.77</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
	3	5,651	5,651	<b>11.32</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
	4	4,787	4,788	<b>13.74</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	5	6,532	6,532	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
	6	5,783	5,783	<b>10.98</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	7	6,342	6,342	<b>9.61</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
	8	7,289	7,289	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	9	8,132	8,132	<b>5.92</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	10	7,250	7,250	<b>7.63</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	11	5,098	5,098	<b>12.83</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	12	6,179	6,179	<b>10.00</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	13	7,816	7,816	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	14	8,355	8,355	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	15	9,085	9,085	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	16	5,341	5,342	<b>12.15</b>	108.5	0.00	85.55	-	-	0.00	0.00	-	0.00
	17	5,837	5,837	<b>10.84</b>	108.5	0.00	86.32	-	-	0.00	0.00	-	0.00
	18	6,314	6,315	<b>9.68</b>	108.5	0.00	87.01	-	-	0.00	0.00	-	0.00
	19	6,663	6,664	<b>8.88</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
	20	7,408	7,408	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	21	8,391	8,391	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	22	9,688	9,688	<b>3.35</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	23	10,724	10,724	<b>1.88</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	24	3,437	3,438	<b>18.39</b>	108.5	0.00	81.73	-	-	0.00	0.00	-	0.00
	25	3,878	3,879	<b>16.74</b>	108.5	0.00	82.77	-	-	0.00	0.00	-	0.00
	26	4,359	4,360	<b>15.09</b>	108.5	0.00	83.79	-	-	0.00	0.00	-	0.00
	27	5,919	5,919	<b>10.64</b>	108.5	0.00	86.45	-	-	0.00	0.00	-	0.00
	28	6,997	6,997	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	29	6,670	6,670	<b>8.87</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	30	7,712	7,712	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	31	8,206	8,206	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	32	8,687	8,687	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	33	9,064	9,064	<b>4.32</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	34	9,338	9,338	<b>3.89</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	35	10,858	10,858	<b>1.70</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	36	4,455	4,456	<b>14.78</b>	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
	37	4,527	4,528	<b>14.55</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	38	6,606	6,607	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	39	6,644	6,645	<b>8.92</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	40	7,041	7,041	<b>8.06</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	41	7,461	7,461	<b>7.20</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	42	7,934	7,935	<b>6.29</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	43	6,818	6,819	<b>8.54</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	44	7,336	7,337	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	45	7,975	7,975	<b>6.21</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	46	7,616	7,616	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	47	8,256	8,256	<b>5.70</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	48	9,822	9,822	<b>3.15</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	49	12,206	12,206	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	50	13,119	13,120	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
	51	13,830	13,830	<b>-1.72</b>	108.5	0.00	93.82	-	-	0.00	0.00	-	0.00
	52	12,634	12,634	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	53	13,299	13,299	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	54	13,733	13,734	<b>-1.63</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
	55	13,861	13,861	<b>-1.75</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	56	14,674	14,674	<b>-2.54</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	57	13,435	13,435	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	58	13,876	13,877	<b>-1.77</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	59	14,887	14,887	<b>-2.74</b>	108.5	0.00	94.46	-	-	0.00	0.00	-	0.00
	60	15,350	15,351	<b>-3.16</b>	108.5	0.00	94.72	-	-	0.00	0.00	-	0.00

Sum 27.34

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H403 H403

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,783	5,784	<b>10.98</b>	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
	2	6,093	6,093	<b>10.21</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	3	6,643	6,643	<b>8.93</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	4	5,787	5,787	<b>10.97</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	5	7,543	7,543	<b>7.04</b>	108.5	0.00	88.55	-	-	0.00	0.00	-	0.00
	6	6,788	6,788	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
	7	7,351	7,351	<b>7.42</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	8	8,293	8,293	<b>5.63</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
	9	9,136	9,136	<b>4.21</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	10	8,236	8,236	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	11	6,105	6,105	<b>10.18</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	12	7,136	7,136	<b>7.86</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
	13	8,763	8,763	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	14	9,263	9,263	<b>4.01</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	15	9,982	9,982	<b>2.91</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	16	6,226	6,226	<b>9.89</b>	108.5	0.00	86.88	-	-	0.00	0.00	-	0.00
	17	6,733	6,734	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	18	7,210	7,210	<b>7.71</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
	19	7,484	7,484	<b>7.15</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	20	8,254	8,254	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	21	9,241	9,241	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	22	10,521	10,522	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	23	11,548	11,548	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	24	4,041	4,042	<b>16.16</b>	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
	25	4,505	4,505	<b>14.62</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	26	5,016	5,016	<b>13.07</b>	108.5	0.00	85.01	-	-	0.00	0.00	-	0.00
	27	6,568	6,568	<b>9.09</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	28	7,760	7,761	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	29	7,375	7,375	<b>7.37</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	30	8,465	8,466	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	31	8,942	8,942	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	32	9,397	9,397	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	33	9,791	9,791	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	34	10,116	10,116	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	35	11,635	11,635	<b>0.71</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	36	4,670	4,671	<b>14.10</b>	108.5	0.00	84.39	-	-	0.00	0.00	-	0.00
	37	4,867	4,868	<b>13.50</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	38	7,035	7,035	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	39	7,176	7,176	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
	40	7,646	7,646	<b>6.84</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	41	7,983	7,983	<b>6.20</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
	42	8,529	8,529	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	43	7,079	7,079	<b>7.98</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
	44	7,675	7,675	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	45	8,336	8,337	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	46	7,658	7,659	<b>6.81</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	47	8,333	8,333	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	48	10,081	10,081	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	49	12,459	12,460	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	50	13,454	13,454	<b>-1.34</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	51	14,122	14,122	<b>-2.01</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	52	12,819	12,820	<b>-0.66</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	53	13,454	13,454	<b>-1.34</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	54	13,908	13,908	<b>-1.80</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	55	14,120	14,120	<b>-2.01</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	56	14,868	14,868	<b>-2.72</b>	108.5	0.00	94.44	-	-	0.00	0.00	-	0.00
	57	13,432	13,432	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	58	13,892	13,892	<b>-1.78</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	59	14,990	14,990	<b>-2.84</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	60	15,480	15,480	<b>-3.28</b>	108.5	0.00	94.80	-	-	0.00	0.00	-	0.00

Sum 25.58

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H404 H404

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,472	6,472	<b>9.31</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
	2	6,809	6,810	<b>8.56</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	3	7,388	7,388	<b>7.35</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	4	6,550	6,551	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	5	8,340	8,340	<b>5.55</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	6	7,622	7,622	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	7	8,173	8,173	<b>5.85</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	8	9,129	9,129	<b>4.22</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	9	9,972	9,972	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	10	9,089	9,089	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	11	6,935	6,935	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	12	7,999	7,999	<b>6.17</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	13	9,628	9,628	<b>3.44</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	14	10,128	10,128	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	15	10,846	10,846	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	16	7,090	7,090	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00
	17	7,598	7,598	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	18	8,075	8,075	<b>6.03</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	19	8,335	8,336	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	20	9,110	9,110	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	21	10,098	10,098	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	22	11,374	11,374	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	23	12,398	12,398	<b>-0.19</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	24	4,839	4,840	<b>13.59</b>	108.5	0.00	84.70	-	-	0.00	0.00	-	0.00
	25	5,307	5,307	<b>12.25</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	26	5,824	5,825	<b>10.87</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	27	7,366	7,366	<b>7.39</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	28	8,595	8,596	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	29	8,191	8,191	<b>5.82</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	30	9,296	9,296	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	31	9,765	9,766	<b>3.23</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	32	10,211	10,211	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	33	10,610	10,610	<b>2.03</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	34	10,952	10,952	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	35	12,470	12,470	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	36	5,277	5,277	<b>12.33</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	37	5,538	5,538	<b>11.62</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	38	7,728	7,729	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	39	7,920	7,920	<b>6.31</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	40	8,421	8,421	<b>5.41</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	41	8,718	8,719	<b>4.90</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	42	9,296	9,296	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	43	7,677	7,678	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	44	8,314	8,314	<b>5.60</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	45	8,984	8,984	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	46	8,107	8,107	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	47	8,800	8,800	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	48	10,657	10,657	<b>1.97</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	49	13,023	13,023	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	50	14,066	14,066	<b>-1.96</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	51	14,705	14,705	<b>-2.57</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	52	13,336	13,336	<b>-1.22</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	53	13,948	13,948	<b>-1.84</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	54	14,414	14,414	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	55	14,682	14,682	<b>-2.55</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00
	56	15,384	15,384	<b>-3.19</b>	108.5	0.00	94.74	-	-	0.00	0.00	-	0.00
	57	13,810	13,810	<b>-1.70</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	58	14,283	14,283	<b>-2.17</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
	59	15,442	15,442	<b>-3.24</b>	108.5	0.00	94.77	-	-	0.00	0.00	-	0.00
	60	15,950	15,950	<b>-3.69</b>	108.5	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 23.84



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H405 H405

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,069	7,070	<b>8.00</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	2	7,416	7,417	<b>7.29</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	3	8,004	8,004	<b>6.16</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
	4	7,172	7,173	<b>7.79</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	5	8,970	8,970	<b>4.48</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	6	8,258	8,258	<b>5.70</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	7	8,807	8,807	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	8	9,764	9,764	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	9	10,607	10,607	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	10	9,723	9,723	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	11	7,570	7,571	<b>6.98</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	12	8,626	8,626	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	13	10,252	10,252	<b>2.53</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	14	10,739	10,739	<b>1.86</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	15	11,453	11,453	<b>0.93</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	16	7,697	7,697	<b>6.74</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	17	8,208	8,208	<b>5.79</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	18	8,684	8,684	<b>4.95</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	19	8,920	8,920	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	20	9,702	9,702	<b>3.33</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	21	10,690	10,690	<b>1.92</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	22	11,957	11,957	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	23	12,977	12,977	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	24	5,373	5,374	<b>12.06</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
	25	5,842	5,842	<b>10.83</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	26	6,364	6,365	<b>9.56</b>	108.5	0.00	87.08	-	-	0.00	0.00	-	0.00
	27	7,891	7,891	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	28	9,158	9,159	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	29	8,733	8,733	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	30	9,854	9,854	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	31	10,314	10,314	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	32	10,748	10,748	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	33	11,154	11,154	<b>1.31</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	34	11,515	11,515	<b>0.86</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	35	13,030	13,030	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	36	5,655	5,656	<b>11.31</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	37	5,963	5,964	<b>10.53</b>	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	38	8,160	8,161	<b>5.87</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	39	8,395	8,395	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	40	8,923	8,923	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	41	9,183	9,184	<b>4.13</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	42	9,789	9,789	<b>3.20</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	43	8,032	8,033	<b>6.11</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	44	8,699	8,699	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	45	9,374	9,374	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	46	8,344	8,344	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	47	9,047	9,047	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	48	10,984	10,984	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	49	13,333	13,333	<b>-1.21</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	50	14,414	14,414	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	51	15,028	15,029	<b>-2.87</b>	108.5	0.00	94.54	-	-	0.00	0.00	-	0.00
	52	13,608	13,608	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	53	14,200	14,200	<b>-2.09</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	54	14,675	14,675	<b>-2.54</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00
	55	14,988	14,988	<b>-2.83</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	56	15,652	15,652	<b>-3.43</b>	108.5	0.00	94.89	-	-	0.00	0.00	-	0.00
	57	13,972	13,972	<b>-1.86</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	58	14,453	14,453	<b>-2.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00
	59	15,659	15,659	<b>-3.43</b>	108.5	0.00	94.90	-	-	0.00	0.00	-	0.00
	60	16,180	16,180	<b>-3.88</b>	108.5	0.00	95.18	-	-	0.00	0.00	-	0.00

Sum 22.78

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H406 H406

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,549	6,549	<b>9.14</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
2	6,830	6,831	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
3	7,347	7,347	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
4	6,472	6,472	<b>9.31</b>	108.5	0.00	87.22	-	-	0.00	0.00	-	0.00
5	8,162	8,163	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
6	7,326	7,327	<b>7.47</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
7	7,920	7,920	<b>6.31</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
8	8,817	8,817	<b>4.73</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
9	9,658	9,658	<b>3.40</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
10	8,693	8,693	<b>4.94</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
11	6,659	6,659	<b>8.89</b>	108.5	0.00	87.47	-	-	0.00	0.00	-	0.00
12	7,525	7,525	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
13	9,119	9,119	<b>4.24</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
14	9,539	9,539	<b>3.58</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
15	10,235	10,235	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
16	6,493	6,494	<b>9.26</b>	108.5	0.00	87.25	-	-	0.00	0.00	-	0.00
17	7,013	7,013	<b>8.12</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
18	7,483	7,483	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
19	7,642	7,642	<b>6.84</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
20	8,440	8,440	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
21	9,426	9,426	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
22	10,672	10,672	<b>1.95</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
23	11,682	11,682	<b>0.65</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
24	4,030	4,031	<b>16.20</b>	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
25	4,498	4,499	<b>14.64</b>	108.5	0.00	84.06	-	-	0.00	0.00	-	0.00
26	5,024	5,024	<b>13.05</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
27	6,532	6,532	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
28	7,840	7,840	<b>6.46</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
29	7,389	7,389	<b>7.34</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
30	8,526	8,526	<b>5.22</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
31	8,975	8,975	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
32	9,396	9,396	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
33	9,807	9,807	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
34	10,193	10,193	<b>2.61</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
35	11,703	11,703	<b>0.63</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
36	4,281	4,282	<b>15.35</b>	108.5	0.00	83.63	-	-	0.00	0.00	-	0.00
37	4,576	4,577	<b>14.40</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
38	6,773	6,773	<b>8.64</b>	108.5	0.00	87.62	-	-	0.00	0.00	-	0.00
39	7,009	7,009	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
40	7,547	7,547	<b>7.03</b>	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00
41	7,796	7,796	<b>6.55</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
42	8,408	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
43	6,672	6,672	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
44	7,324	7,324	<b>7.47</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
45	7,997	7,998	<b>6.17</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
46	7,080	7,081	<b>7.98</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
47	7,773	7,774	<b>6.59</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
48	9,642	9,643	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
49	12,004	12,004	<b>0.27</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
50	13,059	13,060	<b>-0.92</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
51	13,690	13,690	<b>-1.58</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
52	12,311	12,311	<b>-0.09</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
53	12,921	12,921	<b>-0.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
54	13,388	13,388	<b>-1.27</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
55	13,662	13,663	<b>-1.55</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
56	14,358	14,359	<b>-2.24</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
57	12,793	12,793	<b>-0.63</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
58	13,264	13,264	<b>-1.14</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
59	14,416	14,416	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
60	14,923	14,924	<b>-2.77</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00

Sum 25.51

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H407 H407

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,207	7,207	<b>7.71</b>	108.5	0.00	88.16	-	-	0.00	0.00	-	0.00
2	7,510	7,510	<b>7.10</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
3	8,048	8,048	<b>6.08</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
4	7,182	7,183	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
5	8,902	8,902	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
6	8,088	8,088	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
7	8,675	8,675	<b>4.97</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
8	9,582	9,582	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
9	10,423	10,423	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
10	9,467	9,467	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
11	7,416	7,416	<b>7.29</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
12	8,302	8,302	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
13	9,896	9,896	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
14	10,310	10,310	<b>2.45</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
15	11,003	11,003	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
16	7,265	7,266	<b>7.59</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
17	7,786	7,786	<b>6.57</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
18	8,255	8,255	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
19	8,396	8,397	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
20	9,198	9,198	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
21	10,183	10,183	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
22	11,421	11,421	<b>0.97</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
23	12,425	12,425	<b>-0.22</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
24	4,757	4,758	<b>13.84</b>	108.5	0.00	84.55	-	-	0.00	0.00	-	0.00
25	5,222	5,223	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
26	5,749	5,749	<b>11.07</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00
27	7,235	7,235	<b>7.66</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
28	8,576	8,576	<b>5.14</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
29	8,106	8,106	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
30	9,254	9,254	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
31	9,694	9,694	<b>3.34</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
32	10,103	10,103	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
33	10,519	10,519	<b>2.16</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
34	10,923	10,923	<b>1.61</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
35	12,428	12,428	<b>-0.23</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
36	4,825	4,826	<b>13.63</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
37	5,177	5,178	<b>12.61</b>	108.5	0.00	85.28	-	-	0.00	0.00	-	0.00
38	7,369	7,370	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
39	7,655	7,655	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
40	8,220	8,221	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
41	8,427	8,428	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
42	9,069	9,070	<b>4.31</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
43	7,173	7,174	<b>7.78</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
44	7,861	7,862	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
45	8,539	8,539	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
46	7,425	7,426	<b>7.27</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
47	8,131	8,132	<b>5.92</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
48	10,101	10,101	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
49	12,440	12,440	<b>-0.24</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
50	13,541	13,541	<b>-1.43</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
51	14,141	14,141	<b>-2.03</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
52	12,698	12,698	<b>-0.53</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
53	13,283	13,283	<b>-1.16</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
54	13,761	13,761	<b>-1.65</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
55	14,092	14,092	<b>-1.98</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
56	14,740	14,740	<b>-2.60</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
57	13,039	13,040	<b>-0.90</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
58	13,521	13,521	<b>-1.41</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
59	14,732	14,733	<b>-2.60</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
60	15,256	15,257	<b>-3.08</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00

Sum 23.96

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H408 H408

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,683	7,684	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	2	8,022	8,022	<b>6.13</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	3	8,599	8,599	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	4	7,758	7,758	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	5	9,536	9,536	<b>3.58</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	6	8,787	8,787	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	7	9,351	9,351	<b>3.87</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	8	10,291	10,291	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	9	11,134	11,134	<b>1.34</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	10	10,220	10,220	<b>2.57</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	11	8,105	8,105	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	12	9,091	9,091	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	13	10,702	10,703	<b>1.91</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	14	11,151	11,151	<b>1.32</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	15	11,854	11,854	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	16	8,104	8,105	<b>5.97</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	17	8,622	8,622	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	18	9,094	9,095	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	19	9,273	9,273	<b>3.99</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	20	10,068	10,068	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	21	11,055	11,055	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	22	12,304	12,304	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	23	13,313	13,313	<b>-1.19</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	24	5,657	5,657	<b>11.31</b>	108.5	0.00	86.05	-	-	0.00	0.00	-	0.00
	25	6,123	6,124	<b>10.13</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
	26	6,649	6,650	<b>8.91</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
	27	8,145	8,145	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	28	9,471	9,471	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	29	9,011	9,011	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	30	10,154	10,154	<b>2.67</b>	108.5	0.00	91.13	-	-	0.00	0.00	-	0.00
	31	10,599	10,599	<b>2.05</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	32	11,012	11,013	<b>1.50</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	33	11,427	11,427	<b>0.97</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	34	11,822	11,822	<b>0.48</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
	35	13,330	13,330	<b>-1.21</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	36	5,729	5,729	<b>11.12</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	37	6,091	6,092	<b>10.21</b>	108.5	0.00	86.70	-	-	0.00	0.00	-	0.00
	38	8,281	8,282	<b>5.65</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	39	8,572	8,572	<b>5.14</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	40	9,137	9,137	<b>4.21</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	41	9,344	9,344	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	42	9,987	9,987	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	43	8,059	8,059	<b>6.06</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	44	8,758	8,758	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	45	9,436	9,436	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	46	8,236	8,236	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	47	8,947	8,947	<b>4.51</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	48	10,964	10,964	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	49	13,289	13,289	<b>-1.17</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	50	14,412	14,412	<b>-2.29</b>	108.5	0.00	94.17	-	-	0.00	0.00	-	0.00
	51	14,996	14,996	<b>-2.84</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	52	13,520	13,520	<b>-1.41</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	53	14,090	14,090	<b>-1.98</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	54	14,573	14,573	<b>-2.45</b>	108.5	0.00	94.27	-	-	0.00	0.00	-	0.00
	55	14,936	14,936	<b>-2.79</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
	56	15,556	15,556	<b>-3.34</b>	108.5	0.00	94.84	-	-	0.00	0.00	-	0.00
	57	13,769	13,769	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	58	14,258	14,258	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	59	15,508	15,508	<b>-3.30</b>	108.5	0.00	94.81	-	-	0.00	0.00	-	0.00
	60	16,042	16,042	<b>-3.76</b>	108.5	0.00	95.11	-	-	0.00	0.00	-	0.00

Sum 22.25

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H409 H409

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,905	7,906	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	2	8,241	8,242	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	3	8,815	8,815	<b>4.73</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	4	7,971	7,971	<b>6.22</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	5	9,742	9,742	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	6	8,982	8,982	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	7	9,551	9,551	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	8	10,484	10,484	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	9	11,328	11,328	<b>1.09</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	10	10,403	10,403	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	11	8,301	8,302	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	12	9,264	9,264	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	13	10,870	10,870	<b>1.68</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	14	11,306	11,306	<b>1.12</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	15	12,004	12,004	<b>0.27</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	16	8,259	8,260	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	17	8,778	8,778	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	18	9,250	9,250	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	19	9,409	9,409	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	20	10,208	10,208	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	21	11,194	11,194	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	22	12,436	12,436	<b>-0.23</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	23	13,441	13,441	<b>-1.33</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	24	5,774	5,775	<b>11.00</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
	25	6,239	6,240	<b>9.86</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
	26	6,765	6,766	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	27	8,248	8,249	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	28	9,592	9,592	<b>3.49</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	29	9,121	9,122	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	30	10,271	10,271	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	31	10,710	10,710	<b>1.90</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	32	11,116	11,117	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	33	11,533	11,533	<b>0.83</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	34	11,940	11,940	<b>0.34</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	35	13,445	13,445	<b>-1.33</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	36	5,774	5,775	<b>11.00</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
	37	6,155	6,155	<b>10.06</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
	38	8,338	8,338	<b>5.55</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	39	8,648	8,648	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	40	9,225	9,225	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	41	9,413	9,413	<b>3.77</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	42	10,068	10,069	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	43	8,083	8,083	<b>6.01</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	44	8,792	8,793	<b>4.77</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	45	9,471	9,471	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	46	8,211	8,211	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	47	8,923	8,924	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	48	10,968	10,968	<b>1.55</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	49	13,282	13,282	<b>-1.16</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
	50	14,420	14,420	<b>-2.30</b>	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00
	51	14,993	14,993	<b>-2.84</b>	108.5	0.00	94.52	-	-	0.00	0.00	-	0.00
	52	13,497	13,498	<b>-1.38</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	53	14,059	14,059	<b>-1.95</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	54	14,545	14,545	<b>-2.42</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00
	55	14,925	14,926	<b>-2.78</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00
	56	15,530	15,530	<b>-3.32</b>	108.5	0.00	94.82	-	-	0.00	0.00	-	0.00
	57	13,704	13,705	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	58	14,196	14,196	<b>-2.08</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	59	15,462	15,462	<b>-3.26</b>	108.5	0.00	94.79	-	-	0.00	0.00	-	0.00
	60	16,001	16,001	<b>-3.73</b>	108.5	0.00	95.08	-	-	0.00	0.00	-	0.00

Sum 22.05

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H410 H410

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,897	7,898	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	2	8,221	8,222	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	3	8,782	8,782	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	4	7,928	7,929	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	5	9,678	9,679	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	6	8,892	8,892	<b>4.61</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	7	9,470	9,470	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	8	10,390	10,390	<b>2.33</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	9	11,233	11,233	<b>1.21</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	10	10,289	10,289	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	11	8,215	8,216	<b>5.77</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	12	9,133	9,133	<b>4.21</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	13	10,730	10,730	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	14	11,146	11,146	<b>1.32</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	15	11,838	11,838	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	16	8,102	8,102	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	17	8,622	8,622	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	18	9,091	9,092	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	19	9,226	9,226	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	20	10,030	10,030	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	21	11,014	11,014	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	22	12,248	12,248	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	23	13,248	13,248	<b>-1.12</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	24	5,575	5,575	<b>11.52</b>	108.5	0.00	85.93	-	-	0.00	0.00	-	0.00
	25	6,037	6,038	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	26	6,563	6,564	<b>9.10</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
	27	8,034	8,034	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	28	9,394	9,395	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	29	8,913	8,913	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	30	10,068	10,068	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	31	10,502	10,502	<b>2.18</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	32	10,901	10,901	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	33	11,321	11,321	<b>1.10</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	34	11,738	11,738	<b>0.58</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
	35	13,239	13,240	<b>-1.11</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	36	5,520	5,521	<b>11.66</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00
	37	5,911	5,912	<b>10.66</b>	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
	38	8,090	8,090	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	39	8,412	8,412	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	40	8,997	8,998	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	41	9,172	9,172	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	42	9,836	9,836	<b>3.13</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	43	7,818	7,818	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	44	8,532	8,532	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	45	9,210	9,211	<b>4.09</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
	46	7,933	7,933	<b>6.29</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	47	8,645	8,646	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	48	10,696	10,696	<b>1.91</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	49	13,007	13,007	<b>-0.87</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	50	14,149	14,149	<b>-2.04</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
	51	14,719	14,719	<b>-2.58</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00
	52	13,219	13,220	<b>-1.09</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	53	13,780	13,780	<b>-1.67</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	54	14,266	14,267	<b>-2.15</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	55	14,650	14,650	<b>-2.52</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00
	56	15,251	15,251	<b>-3.07</b>	108.5	0.00	94.67	-	-	0.00	0.00	-	0.00
	57	13,425	13,425	<b>-1.31</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	58	13,917	13,917	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	59	15,182	15,182	<b>-3.01</b>	108.5	0.00	94.63	-	-	0.00	0.00	-	0.00
	60	15,721	15,721	<b>-3.49</b>	108.5	0.00	94.93	-	-	0.00	0.00	-	0.00

Sum 22.41

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H411 H411

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,315	7,315	<b>7.49</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
2	7,579	7,579	<b>6.97</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
3	8,072	8,072	<b>6.03</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
4	7,189	7,189	<b>7.75</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
5	8,828	8,828	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
6	7,938	7,938	<b>6.28</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
7	8,550	8,550	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
8	9,409	9,409	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
9	10,245	10,245	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
10	9,235	9,235	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
11	7,286	7,286	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
12	8,023	8,023	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
13	9,579	9,579	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
14	9,932	9,932	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
15	10,605	10,605	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
16	6,905	6,906	<b>8.35</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
17	7,429	7,429	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
18	7,889	7,889	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
19	7,951	7,951	<b>6.26</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
20	8,764	8,764	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
21	9,742	9,742	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
22	10,952	10,952	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
23	11,940	11,940	<b>0.34</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
24	4,268	4,268	<b>15.39</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
25	4,722	4,723	<b>13.94</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
26	5,245	5,246	<b>12.42</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
27	6,684	6,685	<b>8.83</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
28	8,079	8,079	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
29	7,574	7,575	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
30	8,741	8,741	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
31	9,162	9,162	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
32	9,549	9,549	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
33	9,972	9,972	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
34	10,410	10,411	<b>2.31</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
35	11,904	11,904	<b>0.38</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
36	4,140	4,141	<b>15.82</b>	108.5	0.00	83.34	-	-	0.00	0.00	-	0.00
37	4,529	4,529	<b>14.54</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
38	6,707	6,707	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
39	7,032	7,033	<b>8.08</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
40	7,627	7,627	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
41	7,790	7,790	<b>6.56</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
42	8,459	8,459	<b>5.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
43	6,459	6,459	<b>9.34</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
44	7,161	7,162	<b>7.81</b>	108.5	0.00	88.10	-	-	0.00	0.00	-	0.00
45	7,840	7,840	<b>6.47</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
46	6,674	6,675	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
47	7,381	7,381	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
48	9,368	9,368	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
49	11,700	11,700	<b>0.63</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
50	12,813	12,813	<b>-0.66</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
51	13,404	13,404	<b>-1.29</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
52	11,949	11,949	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
53	12,532	12,532	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
54	13,010	13,011	<b>-0.87</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
55	13,350	13,350	<b>-1.23</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
56	13,990	13,990	<b>-1.88</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
57	12,289	12,289	<b>-0.07</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
58	12,770	12,770	<b>-0.61</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
59	13,979	13,980	<b>-1.87</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
60	14,503	14,504	<b>-2.38</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00

Sum 25.13

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H412 H412

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,196	8,196	<b>5.81</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	2	8,476	8,477	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	3	8,985	8,985	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	4	8,106	8,107	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	5	9,765	9,765	<b>3.23</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	6	8,883	8,883	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	7	9,494	9,494	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	8	10,355	10,355	<b>2.38</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	9	11,191	11,191	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	10	10,179	10,179	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	11	8,229	8,229	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	12	8,961	8,961	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	13	10,508	10,508	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	14	10,841	10,841	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	15	11,505	11,505	<b>0.87</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	16	7,825	7,826	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	17	8,349	8,349	<b>5.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	18	8,805	8,805	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	19	8,831	8,831	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	20	9,650	9,650	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	21	10,622	10,622	<b>2.02</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	22	11,812	11,812	<b>0.49</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
	23	12,789	12,789	<b>-0.63</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	24	5,139	5,139	<b>12.72</b>	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
	25	5,583	5,583	<b>11.50</b>	108.5	0.00	85.94	-	-	0.00	0.00	-	0.00
	26	6,101	6,101	<b>10.19</b>	108.5	0.00	86.71	-	-	0.00	0.00	-	0.00
	27	7,493	7,493	<b>7.14</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	28	8,927	8,927	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	29	8,397	8,397	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	30	9,574	9,574	<b>3.52</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	31	9,979	9,979	<b>2.92</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	32	10,344	10,344	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	33	10,773	10,773	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	34	11,240	11,240	<b>1.20</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	35	12,721	12,721	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	36	4,784	4,785	<b>13.75</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	37	5,234	5,235	<b>12.45</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
	38	7,367	7,367	<b>7.39</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	39	7,756	7,757	<b>6.62</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	40	8,385	8,386	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	41	8,487	8,487	<b>5.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	42	9,193	9,193	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	43	6,993	6,993	<b>8.16</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	44	7,734	7,734	<b>6.67</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	45	8,410	8,410	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	46	6,993	6,993	<b>8.16</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	47	7,707	7,707	<b>6.72</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	48	9,810	9,810	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	49	12,095	12,095	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	50	13,267	13,267	<b>-1.14</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	51	13,812	13,812	<b>-1.70</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	52	12,277	12,277	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	53	12,823	12,823	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	54	13,314	13,314	<b>-1.19</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	55	13,728	13,729	<b>-1.62</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
	56	14,301	14,301	<b>-2.19</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
	57	12,426	12,426	<b>-0.22</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	58	12,920	12,920	<b>-0.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	59	14,203	14,203	<b>-2.09</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	60	14,747	14,747	<b>-2.61</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00

Sum 23.41



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H413 H413

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,187	8,188	<b>5.82</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	2	8,466	8,466	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	3	8,973	8,973	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	4	8,094	8,094	<b>5.99</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	5	9,749	9,749	<b>3.26</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	6	8,864	8,864	<b>4.65</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	7	9,476	9,476	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	8	10,336	10,336	<b>2.41</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	9	11,171	11,171	<b>1.29</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	10	10,157	10,157	<b>2.66</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	11	8,211	8,211	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
	12	8,938	8,938	<b>4.53</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	13	10,483	10,483	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	14	10,814	10,814	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	15	11,477	11,477	<b>0.90</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	16	7,800	7,800	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	17	8,323	8,324	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	18	8,779	8,779	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	19	8,803	8,803	<b>4.75</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	20	9,621	9,621	<b>3.45</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	21	10,593	10,593	<b>2.05</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	22	11,783	11,783	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	23	12,759	12,759	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	24	5,110	5,110	<b>12.80</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	25	5,554	5,554	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	26	6,071	6,071	<b>10.26</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
	27	7,462	7,462	<b>7.20</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	28	8,897	8,897	<b>4.60</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	29	8,366	8,366	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	30	9,543	9,544	<b>3.57</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	31	9,948	9,948	<b>2.96</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	32	10,312	10,312	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	33	10,741	10,741	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	34	11,209	11,209	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	35	12,689	12,689	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	36	4,750	4,750	<b>13.86</b>	108.5	0.00	84.53	-	-	0.00	0.00	-	0.00
	37	5,201	5,201	<b>12.54</b>	108.5	0.00	85.32	-	-	0.00	0.00	-	0.00
	38	7,332	7,333	<b>7.46</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
	39	7,723	7,723	<b>6.69</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	40	8,353	8,353	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	41	8,453	8,453	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
	42	9,160	9,160	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	43	6,958	6,958	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	44	7,699	7,700	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	45	8,375	8,375	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	46	6,958	6,959	<b>8.24</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
	47	7,673	7,673	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	48	9,775	9,775	<b>3.22</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	49	12,060	12,060	<b>0.20</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	50	13,232	13,232	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	51	13,778	13,778	<b>-1.67</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	52	12,243	12,243	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	53	12,789	12,789	<b>-0.63</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	54	13,280	13,280	<b>-1.16</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	55	13,694	13,694	<b>-1.59</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	56	14,267	14,267	<b>-2.15</b>	108.5	0.00	94.09	-	-	0.00	0.00	-	0.00
	57	12,394	12,395	<b>-0.19</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	58	12,888	12,888	<b>-0.74</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	59	14,170	14,170	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
	60	14,714	14,714	<b>-2.58</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00

Sum 23.48

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H414 H414

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,173	8,174	<b>5.85</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
2	8,450	8,450	<b>5.36</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
3	8,955	8,955	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
4	8,075	8,075	<b>6.03</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
5	9,726	9,726	<b>3.29</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
6	8,838	8,838	<b>4.70</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
7	9,451	9,451	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
8	10,308	10,308	<b>2.45</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
9	11,143	11,143	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
10	10,126	10,126	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
11	8,186	8,186	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
12	8,906	8,906	<b>4.58</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
13	10,449	10,449	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	10,777	10,777	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
15	11,440	11,440	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
16	7,764	7,765	<b>6.61</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
17	8,288	8,288	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
18	8,743	8,744	<b>4.85</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
19	8,764	8,764	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
20	9,583	9,583	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
21	10,554	10,554	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
22	11,742	11,743	<b>0.58</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
23	12,718	12,718	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
24	5,071	5,071	<b>12.91</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
25	5,514	5,514	<b>11.68</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
26	6,031	6,031	<b>10.36</b>	108.5	0.00	86.61	-	-	0.00	0.00	-	0.00
27	7,419	7,420	<b>7.28</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
28	8,856	8,856	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
29	8,324	8,324	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
30	9,502	9,502	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
31	9,906	9,906	<b>3.03</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
32	10,269	10,269	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
33	10,699	10,699	<b>1.91</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
34	11,168	11,168	<b>1.29</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
35	12,647	12,647	<b>-0.47</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
36	4,705	4,705	<b>14.00</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
37	5,156	5,157	<b>12.66</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
38	7,287	7,288	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
39	7,679	7,679	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
40	8,309	8,309	<b>5.60</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
41	8,408	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
42	9,115	9,116	<b>4.24</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
43	6,912	6,912	<b>8.34</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
44	7,653	7,654	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
45	8,329	8,330	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
46	6,914	6,915	<b>8.33</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
47	7,628	7,629	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
48	9,730	9,730	<b>3.29</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
49	12,015	12,016	<b>0.25</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
50	13,187	13,187	<b>-1.06</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
51	13,733	13,733	<b>-1.62</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
52	12,199	12,199	<b>0.04</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
53	12,745	12,746	<b>-0.58</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
54	13,236	13,236	<b>-1.11</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
55	13,649	13,650	<b>-1.54</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
56	14,223	14,223	<b>-2.11</b>	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
57	12,354	12,354	<b>-0.14</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
58	12,847	12,847	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
59	14,127	14,128	<b>-2.02</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
60	14,671	14,672	<b>-2.54</b>	108.5	0.00	94.33	-	-	0.00	0.00	-	0.00

Sum 23.56

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H415 H415

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,165	8,165	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	2	8,440	8,440	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	3	8,943	8,944	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	4	8,063	8,063	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	5	9,712	9,712	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	6	8,821	8,821	<b>4.72</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	7	9,435	9,435	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	8	10,291	10,291	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	9	11,126	11,126	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
	10	10,108	10,108	<b>2.73</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	11	8,170	8,170	<b>5.85</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	12	8,886	8,886	<b>4.61</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	13	10,428	10,429	<b>2.28</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	14	10,755	10,755	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	15	11,417	11,417	<b>0.98</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	16	7,743	7,743	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	17	8,267	8,267	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	18	8,722	8,722	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	19	8,740	8,740	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	20	9,559	9,559	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	21	10,530	10,530	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	22	11,718	11,718	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	23	12,693	12,693	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	24	5,047	5,048	<b>12.98</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
	25	5,490	5,490	<b>11.75</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
	26	6,007	6,007	<b>10.42</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	27	7,394	7,394	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	28	8,832	8,832	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	29	8,299	8,299	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	30	9,477	9,477	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	31	9,880	9,880	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	32	10,243	10,243	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	33	10,673	10,673	<b>1.95</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	34	11,143	11,143	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	35	12,622	12,622	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	36	4,677	4,678	<b>14.08</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
	37	5,130	5,130	<b>12.74</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	38	7,260	7,261	<b>7.61</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	39	7,652	7,653	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	40	8,283	8,283	<b>5.65</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	41	8,381	8,382	<b>5.48</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	42	9,089	9,089	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	43	6,885	6,885	<b>8.39</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	44	7,626	7,627	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	45	8,302	8,302	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	46	6,888	6,889	<b>8.39</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	47	7,602	7,603	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	48	9,703	9,703	<b>3.33</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	49	11,989	11,989	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	50	13,160	13,160	<b>-1.03</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	51	13,706	13,706	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	52	12,173	12,173	<b>0.07</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	53	12,720	12,720	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	54	13,210	13,211	<b>-1.08</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	55	13,623	13,623	<b>-1.51</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	56	14,197	14,197	<b>-2.09</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	57	12,330	12,330	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	58	12,823	12,824	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	59	14,103	14,103	<b>-1.99</b>	108.5	0.00	93.99	-	-	0.00	0.00	-	0.00
	60	14,646	14,646	<b>-2.52</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	Sum	23.61											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H416 H416

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,255	8,255	<b>5.70</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	2	8,533	8,534	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	3	9,040	9,040	<b>4.36</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	4	8,160	8,160	<b>5.87</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	5	9,813	9,813	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	6	8,926	8,926	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	7	9,539	9,539	<b>3.58</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
	8	10,397	10,397	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	9	11,232	11,232	<b>1.21</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	10	10,215	10,215	<b>2.58</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	11	8,274	8,274	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	12	8,995	8,995	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	13	10,537	10,538	<b>2.13</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	14	10,864	10,864	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	15	11,526	11,526	<b>0.84</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	16	7,852	7,852	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	17	8,376	8,376	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	18	8,831	8,831	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	19	8,849	8,849	<b>4.68</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	20	9,668	9,668	<b>3.38</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	21	10,639	10,639	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	22	11,826	11,826	<b>0.48</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	23	12,800	12,800	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	24	5,156	5,156	<b>12.67</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	25	5,598	5,598	<b>11.46</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
	26	6,114	6,115	<b>10.16</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	27	7,499	7,500	<b>7.12</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	28	8,939	8,939	<b>4.53</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	29	8,405	8,405	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	30	9,583	9,583	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
	31	9,985	9,986	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	32	10,347	10,348	<b>2.39</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	33	10,777	10,778	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	34	11,249	11,249	<b>1.19</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	35	12,727	12,727	<b>-0.56</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	36	4,773	4,774	<b>13.79</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
	37	5,229	5,230	<b>12.46</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
	38	7,355	7,356	<b>7.41</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
	39	7,752	7,752	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	40	8,385	8,385	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	41	8,479	8,479	<b>5.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	42	9,189	9,189	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
	43	6,970	6,970	<b>8.21</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	44	7,714	7,715	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	45	8,389	8,390	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	46	6,954	6,954	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	47	7,668	7,668	<b>6.79</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	48	9,778	9,779	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	49	12,059	12,060	<b>0.20</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	50	13,236	13,236	<b>-1.11</b>	108.5	0.00	93.44	-	-	0.00	0.00	-	0.00
	51	13,777	13,778	<b>-1.67</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	52	12,237	12,237	<b>-0.01</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	53	12,780	12,780	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	54	13,272	13,272	<b>-1.15</b>	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
	55	13,692	13,692	<b>-1.58</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
	56	14,259	14,259	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	57	12,374	12,375	<b>-0.16</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	58	12,869	12,869	<b>-0.72</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	59	14,155	14,156	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
	60	14,701	14,701	<b>-2.57</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00

Sum 23.40

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H417 H417

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,313	8,313	<b>5.60</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	2	8,596	8,596	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	3	9,108	9,108	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	4	8,230	8,231	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	5	9,894	9,894	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	6	9,015	9,015	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	7	9,625	9,625	<b>3.44</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	8	10,488	10,488	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	9	11,324	11,324	<b>1.10</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	10	10,313	10,313	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	11	8,360	8,361	<b>5.51</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	12	9,097	9,097	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	13	10,644	10,644	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	14	10,976	10,976	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	15	11,639	11,639	<b>0.70</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	16	7,961	7,961	<b>6.24</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	17	8,485	8,485	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	18	8,941	8,941	<b>4.53</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	19	8,965	8,965	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	20	9,784	9,784	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	21	10,755	10,755	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	22	11,945	11,945	<b>0.34</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	23	12,920	12,920	<b>-0.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	24	5,272	5,273	<b>12.34</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
	25	5,716	5,716	<b>11.15</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	26	6,233	6,233	<b>9.87</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	27	7,622	7,622	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	28	9,059	9,059	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	29	8,526	8,526	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	30	9,704	9,704	<b>3.33</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	31	10,108	10,108	<b>2.73</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	32	10,471	10,471	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	33	10,901	10,901	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	34	11,370	11,370	<b>1.04</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	35	12,849	12,849	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	36	4,899	4,900	<b>13.41</b>	108.5	0.00	84.80	-	-	0.00	0.00	-	0.00
	37	5,355	5,355	<b>12.11</b>	108.5	0.00	85.58	-	-	0.00	0.00	-	0.00
	38	7,481	7,482	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	39	7,877	7,878	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
	40	8,509	8,510	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	41	8,605	8,605	<b>5.09</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	42	9,314	9,314	<b>3.92</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	43	7,094	7,095	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	44	7,839	7,840	<b>6.47</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	45	8,514	8,515	<b>5.24</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	46	7,069	7,070	<b>8.00</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
	47	7,784	7,784	<b>6.57</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	48	9,899	9,899	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	49	12,178	12,178	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	50	13,357	13,357	<b>-1.24</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	51	13,896	13,896	<b>-1.79</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	52	12,351	12,351	<b>-0.14</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	53	12,892	12,892	<b>-0.74</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
	54	13,385	13,385	<b>-1.27</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
	55	13,809	13,809	<b>-1.70</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	56	14,372	14,372	<b>-2.26</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	57	12,476	12,476	<b>-0.28</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	58	12,971	12,971	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	59	14,263	14,263	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	60	14,810	14,810	<b>-2.67</b>	108.5	0.00	94.41	-	-	0.00	0.00	-	0.00

Sum 23.16

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H418 H418

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,157	8,157	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
2	8,431	8,431	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
3	8,933	8,933	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
4	8,052	8,052	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
5	9,698	9,698	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
6	8,806	8,806	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
7	9,420	9,420	<b>3.76</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
8	10,274	10,274	<b>2.50</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
9	11,109	11,109	<b>1.37</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
10	10,090	10,090	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
11	8,155	8,155	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
12	8,867	8,867	<b>4.65</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
13	10,408	10,408	<b>2.31</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
14	10,733	10,733	<b>1.86</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
15	11,394	11,394	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
16	7,722	7,722	<b>6.69</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
17	8,246	8,246	<b>5.72</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
18	8,700	8,700	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
19	8,717	8,717	<b>4.90</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
20	9,536	9,536	<b>3.58</b>	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
21	10,507	10,507	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
22	11,694	11,694	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
23	12,669	12,669	<b>-0.50</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
24	5,024	5,024	<b>13.04</b>	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
25	5,466	5,467	<b>11.81</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
26	5,983	5,983	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
27	7,369	7,369	<b>7.38</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
28	8,807	8,808	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
29	8,274	8,274	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
30	9,452	9,452	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
31	9,855	9,855	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
32	10,218	10,218	<b>2.58</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
33	10,648	10,648	<b>1.98</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
34	11,118	11,118	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
35	12,597	12,597	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
36	4,650	4,651	<b>14.16</b>	108.5	0.00	84.35	-	-	0.00	0.00	-	0.00
37	5,103	5,104	<b>12.82</b>	108.5	0.00	85.16	-	-	0.00	0.00	-	0.00
38	7,233	7,234	<b>7.66</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
39	7,626	7,626	<b>6.88</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
40	8,257	8,257	<b>5.70</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
41	8,354	8,355	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
42	9,062	9,063	<b>4.33</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
43	6,857	6,858	<b>8.45</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
44	7,599	7,599	<b>6.93</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
45	8,274	8,275	<b>5.67</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
46	6,861	6,862	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
47	7,576	7,576	<b>6.97</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
48	9,676	9,676	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
49	11,962	11,962	<b>0.32</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
50	13,133	13,133	<b>-1.00</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
51	13,679	13,679	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
52	12,146	12,146	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
53	12,694	12,694	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
54	13,184	13,184	<b>-1.06</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
55	13,596	13,596	<b>-1.49</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
56	14,171	14,171	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
57	12,306	12,306	<b>-0.09</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
58	12,799	12,799	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
59	14,077	14,077	<b>-1.97</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
60	14,621	14,621	<b>-2.49</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00

Sum 23.67

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H419 H419

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,228	8,228	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	2	8,503	8,503	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	3	9,006	9,006	<b>4.42</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	4	8,125	8,126	<b>5.94</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	5	9,773	9,773	<b>3.22</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	6	8,881	8,881	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	7	9,495	9,495	<b>3.64</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	8	10,350	10,350	<b>2.39</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	9	11,185	11,185	<b>1.27</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	10	10,165	10,165	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	11	8,231	8,231	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	12	8,942	8,942	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	13	10,483	10,483	<b>2.21</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	14	10,806	10,806	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	15	11,467	11,467	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	16	7,796	7,796	<b>6.55</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	17	8,320	8,320	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	18	8,774	8,774	<b>4.80</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	19	8,788	8,788	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	20	9,608	9,608	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	21	10,578	10,578	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	22	11,763	11,764	<b>0.55</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	23	12,737	12,737	<b>-0.57</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	24	5,095	5,095	<b>12.84</b>	108.5	0.00	85.14	-	-	0.00	0.00	-	0.00
	25	5,537	5,537	<b>11.62</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	26	6,052	6,053	<b>10.31</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	27	7,435	7,435	<b>7.25</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	28	8,876	8,876	<b>4.63</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	29	8,341	8,341	<b>5.55</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	30	9,520	9,520	<b>3.61</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	31	9,921	9,921	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	32	10,282	10,282	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	33	10,713	10,713	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	34	11,185	11,185	<b>1.27</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	35	12,663	12,663	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	36	4,706	4,707	<b>13.99</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	37	5,163	5,163	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	38	7,288	7,289	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	7,685	7,686	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	40	8,319	8,319	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	41	8,412	8,412	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	42	9,123	9,123	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	43	6,903	6,904	<b>8.35</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	44	7,647	7,648	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	45	8,323	8,323	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	46	6,891	6,891	<b>8.38</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	47	7,605	7,606	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	48	9,713	9,714	<b>3.31</b>	108.5	0.00	90.75	-	-	0.00	0.00	-	0.00
	49	11,995	11,996	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	50	13,171	13,171	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	51	13,713	13,713	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	52	12,174	12,175	<b>0.07</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	53	12,719	12,719	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	54	13,210	13,210	<b>-1.08</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	55	13,628	13,628	<b>-1.52</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
	56	14,197	14,198	<b>-2.09</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	57	12,319	12,319	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	58	12,813	12,813	<b>-0.66</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	59	14,097	14,097	<b>-1.99</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	60	14,642	14,642	<b>-2.51</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00
	Sum	23.53											

Project:

20162030 Westwood Red Pine

Licensed user:

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 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H420 H420

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,237	8,238	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	2	8,512	8,513	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	3	9,015	9,015	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	4	8,134	8,134	<b>5.92</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	5	9,781	9,781	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	6	8,888	8,888	<b>4.61</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	7	9,503	9,503	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	8	10,357	10,357	<b>2.38</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	9	11,191	11,191	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
	10	10,171	10,171	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	11	8,238	8,238	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	12	8,948	8,948	<b>4.51</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	13	10,487	10,487	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	14	10,810	10,810	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	15	11,470	11,470	<b>0.91</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	16	7,800	7,800	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	17	8,324	8,324	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	18	8,778	8,778	<b>4.80</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	19	8,791	8,791	<b>4.77</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
	20	9,610	9,611	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	21	10,580	10,580	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	22	11,765	11,765	<b>0.55</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	23	12,739	12,739	<b>-0.57</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	24	5,098	5,098	<b>12.83</b>	108.5	0.00	85.15	-	-	0.00	0.00	-	0.00
	25	5,539	5,539	<b>11.62</b>	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
	26	6,054	6,055	<b>10.30</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	27	7,436	7,436	<b>7.25</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	28	8,878	8,878	<b>4.63</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	29	8,342	8,342	<b>5.55</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	30	9,521	9,521	<b>3.60</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	31	9,922	9,922	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	32	10,283	10,283	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	33	10,713	10,713	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	34	11,186	11,186	<b>1.27</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	35	12,663	12,663	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	36	4,704	4,705	<b>14.00</b>	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
	37	5,162	5,162	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
	38	7,286	7,287	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	7,684	7,685	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	40	8,318	8,319	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	41	8,411	8,411	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	42	9,122	9,122	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	43	6,899	6,900	<b>8.36</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	44	7,644	7,644	<b>6.84</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	45	8,319	8,319	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	46	6,884	6,885	<b>8.40</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	47	7,599	7,599	<b>6.93</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	48	9,708	9,708	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	49	11,989	11,989	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	50	13,165	13,165	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
	51	13,707	13,707	<b>-1.60</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	52	12,167	12,168	<b>0.07</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	53	12,711	12,712	<b>-0.54</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	54	13,203	13,203	<b>-1.08</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	55	13,622	13,622	<b>-1.51</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
	56	14,190	14,190	<b>-2.08</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	57	12,310	12,310	<b>-0.09</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	58	12,804	12,804	<b>-0.65</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	59	14,089	14,089	<b>-1.98</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	60	14,634	14,634	<b>-2.50</b>	108.5	0.00	94.31	-	-	0.00	0.00	-	0.00

Sum 23.53



Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H421 H421

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,270	8,270	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
2	8,548	8,548	<b>5.19</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
3	9,054	9,054	<b>4.34</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
4	8,174	8,174	<b>5.85</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
5	9,826	9,826	<b>3.14</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
6	8,938	8,938	<b>4.53</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
7	9,551	9,551	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
8	10,408	10,408	<b>2.31</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
9	11,243	11,243	<b>1.20</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
10	10,226	10,226	<b>2.56</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
11	8,286	8,286	<b>5.65</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
12	9,005	9,005	<b>4.42</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
13	10,547	10,547	<b>2.12</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
14	10,872	10,872	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
15	11,533	11,533	<b>0.83</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
16	7,861	7,861	<b>6.43</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
17	8,385	8,385	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
18	8,839	8,839	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
19	8,856	8,856	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
20	9,675	9,675	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
21	10,645	10,646	<b>1.98</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
22	11,832	11,832	<b>0.47</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
23	12,806	12,806	<b>-0.65</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
24	5,162	5,163	<b>12.65</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
25	5,604	5,605	<b>11.44</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
26	6,120	6,121	<b>10.14</b>	108.5	0.00	86.74	-	-	0.00	0.00	-	0.00
27	7,504	7,504	<b>7.12</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
28	8,945	8,945	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
29	8,409	8,410	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
30	9,589	9,589	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
31	9,990	9,990	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
32	10,351	10,352	<b>2.39</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
33	10,782	10,782	<b>1.80</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
34	11,254	11,254	<b>1.18</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
35	12,732	12,732	<b>-0.57</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
36	4,774	4,775	<b>13.78</b>	108.5	0.00	84.58	-	-	0.00	0.00	-	0.00
37	5,231	5,232	<b>12.45</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
38	7,356	7,357	<b>7.41</b>	108.5	0.00	88.33	-	-	0.00	0.00	-	0.00
39	7,754	7,755	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
40	8,388	8,388	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
41	8,480	8,481	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
42	9,191	9,192	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
43	6,968	6,969	<b>8.22</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
44	7,713	7,713	<b>6.71</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
45	8,388	8,389	<b>5.46</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
46	6,948	6,948	<b>8.26</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
47	7,662	7,663	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
48	9,775	9,775	<b>3.22</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
49	12,055	12,055	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
50	13,232	13,232	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
51	13,773	13,773	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
52	12,231	12,231	<b>0.00</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
53	12,773	12,773	<b>-0.61</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
54	13,265	13,265	<b>-1.14</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
55	13,686	13,687	<b>-1.58</b>	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00
56	14,253	14,253	<b>-2.14</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
57	12,365	12,366	<b>-0.15</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
58	12,860	12,860	<b>-0.71</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
59	14,148	14,148	<b>-2.04</b>	108.5	0.00	94.01	-	-	0.00	0.00	-	0.00
60	14,694	14,694	<b>-2.56</b>	108.5	0.00	94.34	-	-	0.00	0.00	-	0.00

Sum 23.40

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H422 H422

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,202	8,202	<b>5.80</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
2	8,475	8,476	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
3	8,977	8,977	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
4	8,095	8,095	<b>5.99</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
5	9,740	9,740	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
6	8,845	8,845	<b>4.68</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
7	9,460	9,460	<b>3.70</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
8	10,313	10,313	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
9	11,147	11,147	<b>1.32</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
10	10,126	10,126	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
11	8,195	8,196	<b>5.81</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
12	8,902	8,902	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
13	10,441	10,442	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	10,763	10,764	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
15	11,423	11,423	<b>0.97</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
16	7,754	7,754	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
17	8,278	8,278	<b>5.66</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
18	8,732	8,732	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
19	8,744	8,744	<b>4.85</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
20	9,564	9,564	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
21	10,534	10,534	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
22	11,719	11,719	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
23	12,692	12,692	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
24	5,051	5,052	<b>12.97</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
25	5,492	5,493	<b>11.74</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00
26	6,008	6,008	<b>10.42</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
27	7,390	7,390	<b>7.34</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
28	8,831	8,832	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
29	8,296	8,296	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
30	9,475	9,475	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
31	9,876	9,876	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
32	10,237	10,237	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
33	10,667	10,667	<b>1.95</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
34	11,140	11,140	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
35	12,617	12,617	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
36	4,661	4,662	<b>14.13</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
37	5,117	5,118	<b>12.78</b>	108.5	0.00	85.18	-	-	0.00	0.00	-	0.00
38	7,243	7,244	<b>7.64</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
39	7,640	7,640	<b>6.85</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
40	8,273	8,274	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
41	8,367	8,367	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
42	9,077	9,077	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
43	6,860	6,860	<b>8.45</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
44	7,603	7,604	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
45	8,279	8,279	<b>5.66</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
46	6,853	6,853	<b>8.46</b>	108.5	0.00	87.72	-	-	0.00	0.00	-	0.00
47	7,567	7,567	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
48	9,672	9,672	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
49	11,956	11,956	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
50	13,129	13,130	<b>-1.00</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
51	13,673	13,673	<b>-1.56</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
52	12,136	12,137	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
53	12,682	12,682	<b>-0.51</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
54	13,173	13,173	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
55	13,589	13,589	<b>-1.48</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
56	14,160	14,160	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
57	12,287	12,287	<b>-0.06</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
58	12,780	12,781	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
59	14,062	14,062	<b>-1.95</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
60	14,606	14,607	<b>-2.48</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00

Sum 23.63

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H423 H423

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,218	8,218	<b>5.77</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
2	8,491	8,491	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
3	8,992	8,992	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
4	8,110	8,111	<b>5.96</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
5	9,754	9,754	<b>3.25</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
6	8,859	8,859	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
7	9,474	9,474	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
8	10,326	10,326	<b>2.42</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
9	11,160	11,160	<b>1.30</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
10	10,139	10,139	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
11	8,209	8,209	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
12	8,914	8,914	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
13	10,452	10,452	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
14	10,773	10,773	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
15	11,432	11,432	<b>0.96</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
16	7,764	7,764	<b>6.61</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
17	8,288	8,288	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
18	8,742	8,742	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
19	8,752	8,753	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
20	9,572	9,572	<b>3.52</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
21	10,542	10,542	<b>2.12</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
22	11,726	11,726	<b>0.60</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
23	12,699	12,699	<b>-0.53</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
24	5,059	5,060	<b>12.94</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
25	5,500	5,501	<b>11.72</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
26	6,015	6,016	<b>10.40</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
27	7,396	7,396	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
28	8,838	8,839	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
29	8,302	8,302	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
30	9,481	9,481	<b>3.66</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
31	9,882	9,882	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
32	10,242	10,242	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
33	10,673	10,673	<b>1.95</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
34	11,146	11,146	<b>1.32</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
35	12,623	12,623	<b>-0.45</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
36	4,663	4,664	<b>14.12</b>	108.5	0.00	84.37	-	-	0.00	0.00	-	0.00
37	5,121	5,121	<b>12.77</b>	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
38	7,245	7,246	<b>7.64</b>	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
39	7,644	7,644	<b>6.84</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
40	8,278	8,278	<b>5.66</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
41	8,370	8,370	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
42	9,081	9,081	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
43	6,859	6,859	<b>8.45</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
44	7,603	7,604	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
45	8,278	8,279	<b>5.66</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
46	6,847	6,848	<b>8.48</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
47	7,562	7,562	<b>7.00</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
48	9,669	9,669	<b>3.38</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
49	11,951	11,952	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
50	13,126	13,126	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
51	13,669	13,669	<b>-1.56</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
52	12,131	12,131	<b>0.12</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
53	12,676	12,676	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
54	13,167	13,167	<b>-1.04</b>	108.5	0.00	93.39	-	-	0.00	0.00	-	0.00
55	13,584	13,584	<b>-1.47</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
56	14,154	14,154	<b>-2.04</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00
57	12,278	12,278	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
58	12,772	12,772	<b>-0.61</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
59	14,055	14,055	<b>-1.95</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
60	14,599	14,599	<b>-2.47</b>	108.5	0.00	94.29	-	-	0.00	0.00	-	0.00

Sum 23.61

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H424 H424

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,183	8,183	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
2	8,454	8,454	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
3	8,951	8,951	<b>4.51</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
4	8,068	8,069	<b>6.04</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
5	9,706	9,706	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
6	8,807	8,807	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
7	9,423	9,423	<b>3.75</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
8	10,272	10,272	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
9	11,106	11,106	<b>1.37</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
10	10,081	10,081	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
11	8,158	8,159	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
12	8,854	8,855	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
13	10,391	10,391	<b>2.33</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
14	10,709	10,709	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
15	11,367	11,367	<b>1.04</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
16	7,701	7,702	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
17	8,225	8,225	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
18	8,678	8,678	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
19	8,686	8,686	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
20	9,506	9,506	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
21	10,475	10,475	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
22	11,658	11,658	<b>0.68</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
23	12,630	12,631	<b>-0.45</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
24	4,993	4,993	<b>13.14</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
25	5,433	5,433	<b>11.90</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
26	5,948	5,948	<b>10.57</b>	108.5	0.00	86.49	-	-	0.00	0.00	-	0.00
27	7,326	7,326	<b>7.47</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
28	8,770	8,770	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
29	8,232	8,233	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
30	9,412	9,412	<b>3.77</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
31	9,812	9,812	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
32	10,172	10,172	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
33	10,603	10,603	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
34	11,077	11,077	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
35	12,553	12,553	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
36	4,592	4,593	<b>14.34</b>	108.5	0.00	84.24	-	-	0.00	0.00	-	0.00
37	5,050	5,050	<b>12.97</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
38	7,174	7,175	<b>7.78</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
39	7,573	7,573	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
40	8,207	8,207	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
41	8,298	8,299	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
42	9,010	9,010	<b>4.41</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
43	6,790	6,790	<b>8.60</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
44	7,533	7,534	<b>7.06</b>	108.5	0.00	88.54	-	-	0.00	0.00	-	0.00
45	8,209	8,209	<b>5.78</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
46	6,784	6,785	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00
47	7,498	7,499	<b>7.13</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
48	9,602	9,602	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
49	11,886	11,887	<b>0.41</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
50	13,059	13,060	<b>-0.92</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
51	13,604	13,604	<b>-1.49</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
52	12,068	12,068	<b>0.19</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
53	12,615	12,615	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
54	13,105	13,106	<b>-0.97</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
55	13,520	13,520	<b>-1.41</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
56	14,092	14,093	<b>-1.98</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
57	12,224	12,224	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
58	12,717	12,717	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
59	13,996	13,997	<b>-1.89</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
60	14,540	14,540	<b>-2.42</b>	108.5	0.00	94.25	-	-	0.00	0.00	-	0.00

Sum 23.76

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H425 H425

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,160	8,161	<b>5.87</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	2	8,429	8,429	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	3	8,923	8,923	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	4	8,040	8,040	<b>6.09</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	5	9,672	9,673	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	6	8,769	8,769	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	7	9,386	9,387	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	8	10,233	10,233	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	9	11,066	11,066	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	10	10,039	10,039	<b>2.83</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	11	8,122	8,122	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	12	8,810	8,810	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	13	10,344	10,344	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	14	10,659	10,659	<b>1.96</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	15	11,317	11,317	<b>1.10</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	16	7,654	7,654	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
	17	8,177	8,178	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	18	8,630	8,630	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	19	8,634	8,634	<b>5.04</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	20	9,455	9,455	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	21	10,423	10,423	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	22	11,605	11,605	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	23	12,577	12,577	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	24	4,941	4,942	<b>13.29</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
	25	5,381	5,381	<b>12.04</b>	108.5	0.00	85.62	-	-	0.00	0.00	-	0.00
	26	5,895	5,896	<b>10.70</b>	108.5	0.00	86.41	-	-	0.00	0.00	-	0.00
	27	7,271	7,271	<b>7.58</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	28	8,717	8,717	<b>4.90</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	29	8,178	8,178	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	30	9,358	9,358	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	31	9,758	9,758	<b>3.25</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	32	10,117	10,117	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	33	10,547	10,547	<b>2.12</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	34	11,022	11,022	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	35	12,499	12,499	<b>-0.31</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	36	4,535	4,536	<b>14.52</b>	108.5	0.00	84.13	-	-	0.00	0.00	-	0.00
	37	4,993	4,994	<b>13.13</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	38	7,117	7,118	<b>7.90</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	39	7,516	7,516	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	40	8,151	8,151	<b>5.89</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	41	8,242	8,242	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	42	8,953	8,953	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	43	6,733	6,733	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	44	7,476	7,477	<b>7.17</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
	45	8,152	8,152	<b>5.89</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	46	6,731	6,732	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	47	7,445	7,446	<b>7.23</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
	48	9,547	9,547	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	49	11,832	11,832	<b>0.47</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	50	13,004	13,004	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	51	13,549	13,550	<b>-1.44</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	52	12,016	12,016	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	53	12,563	12,563	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	54	13,053	13,054	<b>-0.92</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	55	13,466	13,466	<b>-1.35</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	56	14,040	14,040	<b>-1.93</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00
	57	12,177	12,177	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	58	12,670	12,670	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	59	13,947	13,947	<b>-1.84</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	60	14,490	14,490	<b>-2.37</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00

Sum 23.87

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H426 H426

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,983	7,984	<b>6.20</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
2	8,249	8,249	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
3	8,741	8,741	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
4	7,857	7,857	<b>6.43</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
5	9,487	9,487	<b>3.66</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
6	8,583	8,583	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
7	9,201	9,201	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
8	10,047	10,047	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
9	10,880	10,881	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
10	9,854	9,854	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
11	7,936	7,936	<b>6.28</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
12	8,627	8,627	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
13	10,163	10,163	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
14	10,483	10,483	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
15	11,143	11,143	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
16	7,475	7,475	<b>7.17</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
17	7,998	7,999	<b>6.17</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
18	8,452	8,452	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
19	8,464	8,464	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
20	9,283	9,284	<b>3.97</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
21	10,254	10,254	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
22	11,440	11,440	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
23	12,414	12,414	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
24	4,771	4,771	<b>13.79</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
25	5,212	5,213	<b>12.51</b>	108.5	0.00	85.34	-	-	0.00	0.00	-	0.00
26	5,729	5,729	<b>11.12</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
27	7,115	7,115	<b>7.91</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
28	8,553	8,553	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
29	8,020	8,020	<b>6.13</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
30	9,198	9,198	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
31	9,601	9,601	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
32	9,965	9,965	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
33	10,394	10,394	<b>2.33</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
34	10,863	10,864	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
35	12,343	12,343	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
36	4,408	4,409	<b>14.93</b>	108.5	0.00	83.89	-	-	0.00	0.00	-	0.00
37	4,855	4,856	<b>13.54</b>	108.5	0.00	84.73	-	-	0.00	0.00	-	0.00
38	6,991	6,991	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
39	7,377	7,378	<b>7.37</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
40	8,006	8,006	<b>6.16</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
41	8,109	8,109	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
42	8,813	8,814	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
43	6,632	6,632	<b>8.95</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
44	7,368	7,368	<b>7.39</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
45	8,044	8,045	<b>6.08</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
46	6,673	6,674	<b>8.86</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
47	7,387	7,387	<b>7.35</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
48	9,467	9,467	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
49	11,762	11,763	<b>0.55</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
50	12,923	12,923	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
51	13,478	13,478	<b>-1.36</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
52	11,960	11,960	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
53	12,515	12,515	<b>-0.32</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
54	13,003	13,003	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
55	13,400	13,401	<b>-1.28</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
56	13,988	13,989	<b>-1.88</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00
57	12,159	12,160	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
58	12,650	12,650	<b>-0.48</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
59	13,913	13,913	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
60	14,452	14,452	<b>-2.33</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00

Sum 24.20

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H427 H427

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,966	7,967	<b>6.23</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
	2	8,208	8,208	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	3	8,671	8,671	<b>4.98</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	4	7,781	7,781	<b>6.58</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	5	9,356	9,356	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	6	8,411	8,411	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	7	9,041	9,041	<b>4.36</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	8	9,856	9,856	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	9	10,683	10,683	<b>1.93</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	10	9,629	9,630	<b>3.44</b>	108.5	0.00	90.67	-	-	0.00	0.00	-	0.00
	11	7,779	7,779	<b>6.58</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	12	8,380	8,380	<b>5.48</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	13	9,888	9,889	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	14	10,172	10,172	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	15	10,819	10,819	<b>1.75</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	16	7,188	7,188	<b>7.75</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	17	7,710	7,710	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
	18	8,156	8,156	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	19	8,122	8,123	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	20	8,945	8,945	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	21	9,908	9,908	<b>3.02</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	22	11,075	11,076	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	23	12,039	12,040	<b>0.22</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	24	4,435	4,435	<b>14.84</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
	25	4,864	4,865	<b>13.51</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	26	5,373	5,373	<b>12.06</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	27	6,721	6,722	<b>8.75</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
	28	8,183	8,183	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	29	7,632	7,633	<b>6.86</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	30	8,816	8,816	<b>4.73</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	31	9,208	9,208	<b>4.09</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	32	9,559	9,559	<b>3.55</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	33	9,991	9,991	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	34	10,477	10,477	<b>2.21</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	35	11,947	11,947	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	36	3,955	3,956	<b>16.46</b>	108.5	0.00	82.95	-	-	0.00	0.00	-	0.00
	37	4,420	4,421	<b>14.89</b>	108.5	0.00	83.91	-	-	0.00	0.00	-	0.00
	38	6,537	6,537	<b>9.16</b>	108.5	0.00	87.31	-	-	0.00	0.00	-	0.00
	39	6,943	6,943	<b>8.27</b>	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
	40	7,584	7,585	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	41	7,664	7,664	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	42	8,381	8,381	<b>5.48</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	43	6,154	6,154	<b>10.06</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	44	6,895	6,896	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
	45	7,571	7,571	<b>6.98</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	46	6,188	6,189	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	47	6,901	6,902	<b>8.36</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	48	8,981	8,981	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	49	11,276	11,276	<b>1.16</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	50	12,437	12,438	<b>-0.24</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	51	12,991	12,991	<b>-0.85</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	52	11,475	11,475	<b>0.91</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	53	12,032	12,032	<b>0.23</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	54	12,519	12,519	<b>-0.33</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	55	12,914	12,914	<b>-0.77</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	56	13,505	13,505	<b>-1.39</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
	57	11,694	11,695	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	58	12,183	12,183	<b>0.06</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	59	13,436	13,436	<b>-1.32</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	60	13,973	13,974	<b>-1.87</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 25.10

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H428 H428

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,130	8,131	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	2	8,363	8,363	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	3	8,814	8,814	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	4	7,922	7,922	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	5	9,472	9,472	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
	6	8,509	8,509	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	7	9,144	9,144	<b>4.19</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	8	9,944	9,944	<b>2.97</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	9	10,767	10,767	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	10	9,699	9,700	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	11	7,885	7,886	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
	12	8,439	8,439	<b>5.38</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	13	9,930	9,930	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	14	10,191	10,191	<b>2.61</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	15	10,828	10,828	<b>1.74</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	16	7,225	7,225	<b>7.68</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	17	7,745	7,746	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	18	8,186	8,186	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	19	8,122	8,122	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	20	8,946	8,946	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	21	9,903	9,903	<b>3.03</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	22	11,056	11,056	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	23	12,011	12,012	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	24	4,445	4,446	<b>14.81</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
	25	4,864	4,865	<b>13.51</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	26	5,366	5,366	<b>12.08</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	27	6,682	6,683	<b>8.84</b>	108.5	0.00	87.50	-	-	0.00	0.00	-	0.00
	28	8,161	8,161	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	29	7,597	7,598	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	30	8,784	8,784	<b>4.78</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
	31	9,166	9,166	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	32	9,506	9,506	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	33	9,940	9,940	<b>2.98</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	34	10,440	10,440	<b>2.26</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	35	11,902	11,902	<b>0.39</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	36	3,860	3,861	<b>16.80</b>	108.5	0.00	82.73	-	-	0.00	0.00	-	0.00
	37	4,346	4,347	<b>15.13</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	38	6,436	6,436	<b>9.40</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
	39	6,865	6,865	<b>8.44</b>	108.5	0.00	87.73	-	-	0.00	0.00	-	0.00
	40	7,519	7,519	<b>7.09</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	41	7,574	7,574	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	42	8,303	8,303	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	43	6,014	6,015	<b>10.40</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
	44	6,765	6,765	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	45	7,439	7,439	<b>7.24</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
	46	5,998	5,999	<b>10.44</b>	108.5	0.00	86.56	-	-	0.00	0.00	-	0.00
	47	6,713	6,713	<b>8.77</b>	108.5	0.00	87.54	-	-	0.00	0.00	-	0.00
	48	8,814	8,815	<b>4.73</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	49	11,098	11,098	<b>1.38</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	50	12,272	12,272	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	51	12,815	12,815	<b>-0.66</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
	52	11,284	11,284	<b>1.15</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	53	11,835	11,835	<b>0.47</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	54	12,324	12,324	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	55	12,732	12,732	<b>-0.57</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
	56	13,310	13,311	<b>-1.19</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	57	11,476	11,476	<b>0.91</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	58	11,966	11,966	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
	59	13,228	13,229	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	60	13,768	13,769	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	Sum	25.22											



**DECIBEL - Detailed results**

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area:** H429 H429

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,208	8,208	<b>5.79</b>	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
2	8,441	8,441	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
3	8,893	8,893	<b>4.60</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
4	8,001	8,001	<b>6.16</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
5	9,551	9,551	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
6	8,588	8,588	<b>5.12</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
7	9,223	9,223	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
8	10,021	10,021	<b>2.86</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
9	10,844	10,844	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
10	9,776	9,776	<b>3.22</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
11	7,964	7,964	<b>6.23</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
12	8,515	8,515	<b>5.24</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
13	10,003	10,003	<b>2.88</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
14	10,261	10,261	<b>2.51</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
15	10,897	10,897	<b>1.65</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
16	7,298	7,298	<b>7.53</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
17	7,818	7,818	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
18	8,258	8,258	<b>5.70</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
19	8,189	8,190	<b>5.82</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
20	9,014	9,014	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
21	9,970	9,970	<b>2.93</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
22	11,120	11,120	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
23	12,073	12,073	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
24	4,515	4,516	<b>14.59</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
25	4,932	4,933	<b>13.31</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
26	5,433	5,433	<b>11.90</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
27	6,742	6,743	<b>8.70</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
28	8,225	8,225	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
29	7,658	7,659	<b>6.81</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
30	8,846	8,846	<b>4.68</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
31	9,225	9,226	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
32	9,562	9,563	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
33	9,997	9,998	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
34	10,501	10,501	<b>2.18</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
35	11,960	11,960	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
36	3,907	3,908	<b>16.63</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
37	4,399	4,399	<b>14.96</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
38	6,480	6,481	<b>9.29</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
39	6,915	6,916	<b>8.33</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
40	7,573	7,573	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
41	7,621	7,621	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
42	8,354	8,354	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
43	6,046	6,046	<b>10.32</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
44	6,800	6,800	<b>8.58</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
45	7,473	7,473	<b>7.18</b>	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
46	6,008	6,009	<b>10.42</b>	108.5	0.00	86.58	-	-	0.00	0.00	-	0.00
47	6,722	6,723	<b>8.75</b>	108.5	0.00	87.55	-	-	0.00	0.00	-	0.00
48	8,834	8,835	<b>4.70</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
49	11,113	11,113	<b>1.37</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
50	12,292	12,292	<b>-0.07</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
51	12,831	12,831	<b>-0.67</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
52	11,292	11,292	<b>1.14</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
53	11,839	11,840	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
54	12,330	12,330	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
55	12,745	12,745	<b>-0.58</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
56	13,317	13,317	<b>-1.20</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
57	11,466	11,467	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
58	11,957	11,958	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
59	13,227	13,227	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
60	13,769	13,769	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
Sum	25.08											

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H430 H430

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,231	8,231	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
2	8,463	8,463	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
3	8,914	8,914	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
4	8,022	8,022	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
5	9,570	9,570	<b>3.53</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
6	8,605	8,605	<b>5.09</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
7	9,241	9,241	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
8	10,038	10,038	<b>2.83</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
9	10,860	10,860	<b>1.70</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
10	9,791	9,791	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
11	7,982	7,983	<b>6.20</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
12	8,528	8,529	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
13	10,015	10,015	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
14	10,271	10,271	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
15	10,906	10,906	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
16	7,309	7,310	<b>7.51</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
17	7,830	7,830	<b>6.48</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
18	8,269	8,269	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
19	8,198	8,198	<b>5.80</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
20	9,022	9,022	<b>4.39</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
21	9,977	9,977	<b>2.92</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
22	11,126	11,126	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
23	12,078	12,078	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
24	4,525	4,525	<b>14.56</b>	108.5	0.00	84.11	-	-	0.00	0.00	-	0.00
25	4,941	4,941	<b>13.29</b>	108.5	0.00	84.88	-	-	0.00	0.00	-	0.00
26	5,440	5,441	<b>11.88</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
27	6,746	6,747	<b>8.70</b>	108.5	0.00	87.58	-	-	0.00	0.00	-	0.00
28	8,230	8,231	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
29	7,663	7,663	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
30	8,850	8,851	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
31	9,229	9,229	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
32	9,565	9,565	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
33	10,000	10,000	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
34	10,505	10,505	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
35	11,963	11,963	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
36	3,906	3,907	<b>16.64</b>	108.5	0.00	82.84	-	-	0.00	0.00	-	0.00
37	4,399	4,400	<b>14.96</b>	108.5	0.00	83.87	-	-	0.00	0.00	-	0.00
38	6,477	6,478	<b>9.30</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
39	6,915	6,915	<b>8.33</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
40	7,574	7,574	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
41	7,619	7,619	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
42	8,353	8,354	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
43	6,038	6,039	<b>10.34</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
44	6,793	6,794	<b>8.59</b>	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
45	7,466	7,466	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
46	5,994	5,994	<b>10.45</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
47	6,708	6,708	<b>8.78</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
48	8,823	8,823	<b>4.72</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
49	11,100	11,100	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
50	12,280	12,280	<b>-0.06</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
51	12,818	12,818	<b>-0.66</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
52	11,277	11,278	<b>1.15</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
53	11,824	11,824	<b>0.48</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
54	12,314	12,314	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
55	12,731	12,732	<b>-0.57</b>	108.5	0.00	93.10	-	-	0.00	0.00	-	0.00
56	13,301	13,301	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
57	11,447	11,447	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
58	11,938	11,938	<b>0.34</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
59	13,209	13,209	<b>-1.08</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
60	13,751	13,752	<b>-1.64</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00

Sum 25.08

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H431 H431

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,270	8,270	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
2	8,504	8,504	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
3	8,956	8,957	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
4	8,065	8,065	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
5	9,616	9,616	<b>3.46</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
6	8,653	8,653	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
7	9,288	9,288	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
8	10,086	10,086	<b>2.76</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
9	10,909	10,909	<b>1.63</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
10	9,840	9,840	<b>3.12</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
11	8,029	8,029	<b>6.11</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
12	8,578	8,578	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
13	10,066	10,066	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
14	10,321	10,322	<b>2.43</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
15	10,956	10,956	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
16	7,360	7,360	<b>7.40</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
17	7,880	7,880	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
18	8,320	8,320	<b>5.59</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
19	8,248	8,248	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
20	9,073	9,073	<b>4.31</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
21	10,028	10,028	<b>2.85</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
22	11,176	11,176	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
23	12,128	12,128	<b>0.12</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
24	4,575	4,576	<b>14.40</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
25	4,992	4,992	<b>13.14</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
26	5,491	5,491	<b>11.74</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
27	6,796	6,796	<b>8.59</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
28	8,281	8,281	<b>5.66</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
29	7,712	7,713	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
30	8,900	8,900	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
31	9,279	9,279	<b>3.98</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
32	9,614	9,614	<b>3.46</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
33	10,049	10,049	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
34	10,554	10,554	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
35	12,012	12,012	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
36	3,952	3,953	<b>16.47</b>	108.5	0.00	82.94	-	-	0.00	0.00	-	0.00
37	4,447	4,448	<b>14.81</b>	108.5	0.00	83.96	-	-	0.00	0.00	-	0.00
38	6,522	6,523	<b>9.20</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
39	6,962	6,963	<b>8.23</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
40	7,622	7,622	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
41	7,665	7,665	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
42	8,400	8,401	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
43	6,078	6,079	<b>10.24</b>	108.5	0.00	86.68	-	-	0.00	0.00	-	0.00
44	6,835	6,835	<b>8.50</b>	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
45	7,507	7,507	<b>7.11</b>	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
46	6,023	6,024	<b>10.38</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
47	6,738	6,738	<b>8.71</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
48	8,858	8,858	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
49	11,132	11,132	<b>1.34</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
50	12,315	12,315	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
51	12,851	12,851	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
52	11,306	11,306	<b>1.12</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
53	11,850	11,851	<b>0.45</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
54	12,342	12,342	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
55	12,763	12,763	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
56	13,329	13,329	<b>-1.21</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
57	11,466	11,466	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
58	11,958	11,958	<b>0.32</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
59	13,232	13,233	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
60	13,776	13,776	<b>-1.67</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
Sum	24.96											

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H432 H432

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,216	8,216	5.77	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
2	8,455	8,455	5.35	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
3	8,915	8,915	4.57	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
4	8,024	8,024	6.12	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
5	9,589	9,589	3.50	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
6	8,636	8,636	5.04	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
7	9,268	9,268	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
8	10,075	10,075	2.78	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
9	10,900	10,900	1.64	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
10	9,838	9,838	3.13	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
11	8,008	8,008	6.15	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
12	8,582	8,582	5.13	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
13	10,079	10,079	2.77	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
14	10,346	10,346	2.40	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
15	10,985	10,985	1.53	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
16	7,374	7,375	7.37	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
17	7,896	7,896	6.36	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
18	8,338	8,338	5.55	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
19	8,281	8,281	5.65	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
20	9,105	9,105	4.26	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
21	10,063	10,063	2.80	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
22	11,219	11,219	1.23	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
23	12,175	12,175	0.06	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
24	4,602	4,602	14.32	108.5	0.00	84.26	-	-	0.00	0.00	-	0.00
25	5,023	5,024	13.05	108.5	0.00	85.02	-	-	0.00	0.00	-	0.00
26	5,526	5,526	11.65	108.5	0.00	85.85	-	-	0.00	0.00	-	0.00
27	6,847	6,847	8.48	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
28	8,324	8,324	5.58	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
29	7,762	7,762	6.61	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
30	8,948	8,948	4.51	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
31	9,331	9,331	3.90	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
32	9,671	9,672	3.37	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
33	10,106	10,106	2.74	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
34	10,605	10,605	2.04	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
35	12,067	12,067	0.19	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
36	4,026	4,027	16.21	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
37	4,512	4,513	14.60	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
38	6,601	6,601	9.02	108.5	0.00	87.39	-	-	0.00	0.00	-	0.00
39	7,031	7,031	8.08	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00
40	7,685	7,685	6.76	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
41	7,739	7,739	6.66	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
42	8,469	8,469	5.32	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
43	6,172	6,173	10.02	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
44	6,925	6,926	8.31	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
45	7,598	7,599	6.93	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
46	6,136	6,136	10.10	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
47	6,850	6,851	8.47	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
48	8,963	8,963	4.49	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
49	11,241	11,241	1.20	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
50	12,420	12,420	-0.22	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
51	12,959	12,959	-0.81	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
52	11,420	11,420	0.98	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
53	11,966	11,966	0.31	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
54	12,456	12,457	-0.26	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
55	12,873	12,873	-0.72	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
56	13,443	13,444	-1.33	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
57	11,587	11,587	0.77	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
58	12,078	12,079	0.18	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
59	13,351	13,351	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
60	13,893	13,893	-1.79	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00

Sum 24.83

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area: H433 H433**

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,266	8,266	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	2	8,504	8,505	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	3	8,963	8,963	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	4	8,072	8,072	<b>6.03</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
	5	9,634	9,634	<b>3.43</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	6	8,678	8,679	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	7	9,312	9,312	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	8	10,116	10,116	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	9	10,941	10,941	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	10	9,877	9,877	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	11	8,052	8,052	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	12	8,619	8,619	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	13	10,113	10,113	<b>2.73</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	14	10,376	10,376	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	15	11,014	11,014	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	16	7,408	7,408	<b>7.31</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
	17	7,929	7,930	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	18	8,370	8,371	<b>5.50</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	19	8,309	8,309	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
	20	9,133	9,133	<b>4.21</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	21	10,090	10,090	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
	22	11,242	11,242	<b>1.20</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	23	12,197	12,197	<b>0.04</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	24	4,631	4,632	<b>14.22</b>	108.5	0.00	84.32	-	-	0.00	0.00	-	0.00
	25	5,051	5,051	<b>12.97</b>	108.5	0.00	85.07	-	-	0.00	0.00	-	0.00
	26	5,553	5,553	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
	27	6,867	6,867	<b>8.43</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
	28	8,347	8,347	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	29	7,783	7,783	<b>6.57</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
	30	8,970	8,970	<b>4.48</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	31	9,351	9,351	<b>3.87</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	32	9,689	9,689	<b>3.35</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	33	10,124	10,124	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	34	10,625	10,625	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	35	12,085	12,085	<b>0.17</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	36	4,035	4,036	<b>16.18</b>	108.5	0.00	83.12	-	-	0.00	0.00	-	0.00
	37	4,526	4,526	<b>14.55</b>	108.5	0.00	84.12	-	-	0.00	0.00	-	0.00
	38	6,608	6,608	<b>9.00</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	39	7,043	7,043	<b>8.06</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	40	7,700	7,700	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	41	7,748	7,749	<b>6.64</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
	42	8,481	8,481	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	43	6,170	6,170	<b>10.02</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
	44	6,925	6,926	<b>8.31</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	45	7,598	7,598	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	46	6,119	6,119	<b>10.14</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	47	6,833	6,834	<b>8.51</b>	108.5	0.00	87.69	-	-	0.00	0.00	-	0.00
	48	8,953	8,953	<b>4.51</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	49	11,227	11,227	<b>1.22</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	50	12,410	12,410	<b>-0.20</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	51	12,946	12,946	<b>-0.80</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	52	11,401	11,402	<b>1.00</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	53	11,946	11,946	<b>0.33</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	54	12,437	12,437	<b>-0.24</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	55	12,858	12,858	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	56	13,424	13,424	<b>-1.31</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	57	11,558	11,559	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	58	12,050	12,051	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
	59	13,327	13,327	<b>-1.21</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	60	13,870	13,870	<b>-1.76</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00

Sum 24.79

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H434 H434

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,226	8,227	<b>5.75</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
2	8,467	8,467	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
3	8,928	8,928	<b>4.55</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
4	8,037	8,038	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
5	9,605	9,606	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
6	8,654	8,654	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
7	9,286	9,286	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
8	10,094	10,094	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
9	10,919	10,919	<b>1.62</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
10	9,859	9,859	<b>3.10</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
11	8,025	8,025	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
12	8,603	8,603	<b>5.09</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
13	10,101	10,101	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
14	10,370	10,370	<b>2.36</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
15	11,010	11,010	<b>1.50</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
16	7,397	7,398	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
17	7,919	7,919	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
18	8,361	8,361	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
19	8,306	8,307	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
20	9,130	9,131	<b>4.22</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
21	10,089	10,089	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
22	11,245	11,245	<b>1.20</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
23	12,202	12,202	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
24	4,626	4,627	<b>14.24</b>	108.5	0.00	84.31	-	-	0.00	0.00	-	0.00
25	5,048	5,049	<b>12.97</b>	108.5	0.00	85.06	-	-	0.00	0.00	-	0.00
26	5,551	5,552	<b>11.58</b>	108.5	0.00	85.89	-	-	0.00	0.00	-	0.00
27	6,874	6,874	<b>8.42</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
28	8,350	8,350	<b>5.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
29	7,788	7,789	<b>6.56</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
30	8,975	8,975	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
31	9,358	9,358	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
32	9,699	9,699	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
33	10,133	10,133	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
34	10,632	10,632	<b>2.00</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
35	12,094	12,094	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
36	4,054	4,055	<b>16.12</b>	108.5	0.00	83.16	-	-	0.00	0.00	-	0.00
37	4,540	4,541	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
38	6,629	6,629	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
39	7,059	7,059	<b>8.02</b>	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
40	7,712	7,713	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
41	7,767	7,767	<b>6.60</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
42	8,497	8,497	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
43	6,200	6,200	<b>9.95</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
44	6,953	6,954	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
45	7,626	7,627	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
46	6,161	6,162	<b>10.04</b>	108.5	0.00	86.79	-	-	0.00	0.00	-	0.00
47	6,876	6,876	<b>8.41</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
48	8,990	8,990	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
49	11,267	11,267	<b>1.17</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
50	12,447	12,447	<b>-0.25</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
51	12,985	12,986	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
52	11,445	11,445	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
53	11,990	11,991	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
54	12,481	12,481	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
55	12,899	12,899	<b>-0.75</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
56	13,468	13,468	<b>-1.35</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
57	11,609	11,609	<b>0.74</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
58	12,100	12,101	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
59	13,374	13,374	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
60	13,917	13,917	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00

Sum 24.77

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H435 H435

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,091	8,091	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
	2	8,333	8,333	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	3	8,797	8,797	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	4	7,907	7,907	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	5	9,482	9,482	<b>3.66</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	6	8,536	8,536	<b>5.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	7	9,166	9,166	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	8	9,980	9,980	<b>2.92</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	9	10,807	10,807	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	10	9,752	9,752	<b>3.25</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	11	7,905	7,905	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	12	8,500	8,500	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	13	10,006	10,006	<b>2.88</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	14	10,284	10,284	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	15	10,928	10,928	<b>1.61</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
	16	7,304	7,304	<b>7.52</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	17	7,826	7,826	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	18	8,271	8,271	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	19	8,229	8,230	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
	20	9,053	9,053	<b>4.34</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	21	10,014	10,014	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	22	11,177	11,177	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	23	12,138	12,139	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	24	4,544	4,545	<b>14.50</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
	25	4,971	4,971	<b>13.20</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
	26	5,478	5,478	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
	27	6,816	6,817	<b>8.54</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	28	8,284	8,284	<b>5.65</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
	29	7,729	7,729	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	30	8,914	8,914	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	31	9,302	9,302	<b>3.94</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	32	9,649	9,649	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
	33	10,082	10,082	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	34	10,573	10,573	<b>2.08</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	35	12,040	12,040	<b>0.22</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	36	4,027	4,028	<b>16.21</b>	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
	37	4,501	4,502	<b>14.63</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
	38	6,606	6,607	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	39	7,023	7,023	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	40	7,669	7,670	<b>6.79</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	41	7,739	7,739	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	42	8,461	8,461	<b>5.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	43	6,203	6,203	<b>9.94</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	44	6,950	6,950	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	45	7,624	7,625	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	46	6,203	6,204	<b>9.94</b>	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
	47	6,917	6,917	<b>8.32</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
	48	9,013	9,013	<b>4.41</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	49	11,300	11,300	<b>1.13</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	50	12,470	12,471	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	51	13,017	13,017	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	52	11,489	11,489	<b>0.89</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	53	12,040	12,041	<b>0.22</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	54	12,529	12,530	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	55	12,935	12,935	<b>-0.79</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
	56	13,516	13,516	<b>-1.40</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	57	11,681	11,681	<b>0.65</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	58	12,171	12,171	<b>0.07</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	59	13,435	13,435	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	60	13,975	13,975	<b>-1.87</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 24.89

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H436 H436

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,112	8,112	5.96	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
2	8,354	8,354	5.53	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
3	8,817	8,817	4.73	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
4	7,927	7,927	6.30	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
5	9,501	9,501	3.63	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
6	8,554	8,554	5.18	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
7	9,184	9,184	4.13	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
8	9,997	9,997	2.89	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
9	10,823	10,823	1.74	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
10	9,767	9,767	3.23	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
11	7,923	7,923	6.31	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
12	8,515	8,515	5.24	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
13	10,019	10,019	2.86	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
14	10,296	10,296	2.47	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
15	10,939	10,939	1.59	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
16	7,317	7,317	7.49	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
17	7,839	7,839	6.47	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
18	8,283	8,283	5.65	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
19	8,239	8,239	5.73	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
20	9,063	9,063	4.33	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
21	10,023	10,024	2.85	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
22	11,185	11,185	1.27	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
23	12,146	12,146	0.10	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
24	4,555	4,555	14.46	108.5	0.00	84.17	-	-	0.00	0.00	-	0.00
25	4,981	4,981	13.17	108.5	0.00	84.95	-	-	0.00	0.00	-	0.00
26	5,487	5,487	11.75	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
27	6,823	6,823	8.53	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	8,291	8,292	5.64	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
29	7,735	7,736	6.66	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
30	8,921	8,921	4.56	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
31	9,308	9,308	3.93	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
32	9,654	9,654	3.40	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
33	10,087	10,087	2.76	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
34	10,580	10,580	2.07	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
35	12,046	12,046	0.22	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
36	4,028	4,029	16.21	108.5	0.00	83.10	-	-	0.00	0.00	-	0.00
37	4,504	4,505	14.62	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
38	6,607	6,607	9.01	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
39	7,025	7,026	8.09	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
40	7,673	7,674	6.78	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
41	7,740	7,740	6.66	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
42	8,464	8,464	5.33	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
43	6,199	6,200	9.95	108.5	0.00	86.85	-	-	0.00	0.00	-	0.00
44	6,947	6,947	8.26	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
45	7,621	7,622	6.88	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
46	6,193	6,194	9.97	108.5	0.00	86.84	-	-	0.00	0.00	-	0.00
47	6,907	6,908	8.35	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
48	9,006	9,006	4.42	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
49	11,292	11,292	1.14	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
50	12,463	12,464	-0.27	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
51	13,009	13,009	-0.87	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
52	11,479	11,479	0.90	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
53	12,029	12,029	0.24	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
54	12,519	12,519	-0.33	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
55	12,926	12,926	-0.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
56	13,505	13,505	-1.39	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
57	11,666	11,667	0.67	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
58	12,157	12,157	0.09	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
59	13,422	13,422	-1.31	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
60	13,962	13,963	-1.85	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00
Sum	24.87											



Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H437 H437

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,050	8,050	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
2	8,295	8,295	<b>5.63</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
3	8,761	8,761	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
4	7,871	7,872	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
5	9,452	9,452	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
6	8,511	8,511	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
7	9,140	9,140	<b>4.20</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
8	9,957	9,958	<b>2.95</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
9	10,785	10,785	<b>1.80</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
10	9,733	9,733	<b>3.28</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
11	7,878	7,878	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
12	8,484	8,484	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
13	9,993	9,994	<b>2.90</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
14	10,277	10,277	<b>2.49</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
15	10,924	10,924	<b>1.61</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
16	7,293	7,293	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
17	7,815	7,815	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
18	8,261	8,261	<b>5.69</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
19	8,227	8,227	<b>5.75</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
20	9,050	9,050	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
21	10,013	10,013	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
22	11,179	11,179	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
23	12,143	12,143	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
24	4,540	4,540	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
25	4,969	4,969	<b>13.21</b>	108.5	0.00	84.93	-	-	0.00	0.00	-	0.00
26	5,477	5,477	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
27	6,823	6,824	<b>8.53</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	8,286	8,287	<b>5.65</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
29	7,735	7,735	<b>6.67</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
30	8,919	8,919	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
31	9,309	9,309	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
32	9,659	9,659	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
33	10,091	10,092	<b>2.76</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
34	10,579	10,579	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
35	12,048	12,048	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
36	4,047	4,048	<b>16.14</b>	108.5	0.00	83.15	-	-	0.00	0.00	-	0.00
37	4,517	4,518	<b>14.58</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
38	6,628	6,628	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
39	7,039	7,039	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
40	7,682	7,683	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
41	7,758	7,758	<b>6.62</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
42	8,477	8,477	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
43	6,234	6,234	<b>9.87</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
44	6,978	6,979	<b>8.19</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
45	7,653	7,654	<b>6.82</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
46	6,246	6,246	<b>9.84</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
47	6,960	6,960	<b>8.23</b>	108.5	0.00	87.85	-	-	0.00	0.00	-	0.00
48	9,050	9,051	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
49	11,340	11,340	<b>1.08</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
50	12,507	12,508	<b>-0.32</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
51	13,056	13,057	<b>-0.92</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
52	11,532	11,532	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
53	12,085	12,086	<b>0.17</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
54	12,574	12,574	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
55	12,976	12,977	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
56	13,560	13,560	<b>-1.45</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
57	11,731	11,731	<b>0.59</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
58	12,221	12,221	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
59	13,482	13,482	<b>-1.37</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
60	14,021	14,022	<b>-1.91</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00

Sum 24.87

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H438 H438

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,057	8,057	<b>6.06</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
2	8,302	8,303	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
3	8,770	8,771	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
4	7,881	7,881	<b>6.39</b>	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
5	9,465	9,465	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
6	8,525	8,525	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
7	9,153	9,154	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
8	9,973	9,973	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
9	10,800	10,800	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
10	9,750	9,750	<b>3.26</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
11	7,891	7,892	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
12	8,502	8,502	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
13	10,013	10,013	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
14	10,298	10,298	<b>2.46</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
15	10,945	10,945	<b>1.58</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
16	7,312	7,313	<b>7.50</b>	108.5	0.00	88.28	-	-	0.00	0.00	-	0.00
17	7,835	7,835	<b>6.47</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
18	8,281	8,281	<b>5.65</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
19	8,249	8,249	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
20	9,072	9,072	<b>4.31</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
21	10,035	10,035	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
22	11,202	11,202	<b>1.25</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
23	12,166	12,166	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
24	4,561	4,562	<b>14.44</b>	108.5	0.00	84.18	-	-	0.00	0.00	-	0.00
25	4,991	4,991	<b>13.14</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
26	5,499	5,500	<b>11.72</b>	108.5	0.00	85.81	-	-	0.00	0.00	-	0.00
27	6,847	6,848	<b>8.48</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
28	8,309	8,310	<b>5.60</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
29	7,758	7,759	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
30	8,942	8,942	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
31	9,333	9,334	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
32	9,683	9,683	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
33	10,116	10,116	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
34	10,603	10,603	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
35	12,072	12,072	<b>0.19</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
36	4,073	4,074	<b>16.05</b>	108.5	0.00	83.20	-	-	0.00	0.00	-	0.00
37	4,542	4,543	<b>14.50</b>	108.5	0.00	84.15	-	-	0.00	0.00	-	0.00
38	6,654	6,654	<b>8.90</b>	108.5	0.00	87.46	-	-	0.00	0.00	-	0.00
39	7,064	7,065	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
40	7,707	7,708	<b>6.72</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
41	7,783	7,784	<b>6.57</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
42	8,502	8,503	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
43	6,260	6,261	<b>9.81</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
44	7,004	7,005	<b>8.14</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
45	7,680	7,680	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
46	6,271	6,272	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
47	6,985	6,985	<b>8.18</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
48	9,076	9,077	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
49	11,366	11,366	<b>1.04</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
50	12,533	12,534	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
51	13,082	13,082	<b>-0.95</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
52	11,557	11,557	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
53	12,110	12,110	<b>0.14</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
54	12,599	12,599	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
55	13,002	13,002	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
56	13,585	13,585	<b>-1.47</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
57	11,754	11,754	<b>0.56</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
58	12,244	12,244	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
59	13,506	13,506	<b>-1.39</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
60	14,046	14,046	<b>-1.94</b>	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00

Sum 24.81

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H439 H439

WTG		95% rated power											
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,061	8,061	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00	
2	8,308	8,308	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00	
3	8,777	8,778	<b>4.80</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00	
4	7,888	7,888	<b>6.37</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00	
5	9,474	9,475	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00	
6	8,537	8,537	<b>5.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00	
7	9,164	9,165	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00	
8	9,985	9,985	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00	
9	10,813	10,813	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00	
10	9,763	9,764	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00	
11	7,902	7,902	<b>6.35</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00	
12	8,517	8,517	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00	
13	10,029	10,029	<b>2.85</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00	
14	10,316	10,316	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00	
15	10,963	10,963	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00	
16	7,329	7,329	<b>7.47</b>	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00	
17	7,852	7,852	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00	
18	8,298	8,298	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00	
19	8,268	8,268	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00	
20	9,091	9,091	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00	
21	10,054	10,054	<b>2.81</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00	
22	11,222	11,222	<b>1.23</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00	
23	12,186	12,186	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00	
24	4,580	4,580	<b>14.38</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00	
25	5,010	5,010	<b>13.09</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00	
26	5,519	5,519	<b>11.67</b>	108.5	0.00	85.84	-	-	0.00	0.00	-	0.00	
27	6,868	6,868	<b>8.43</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00	
28	8,329	8,330	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00	
29	7,779	7,779	<b>6.58</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00	
30	8,963	8,963	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00	
31	9,354	9,354	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00	
32	9,705	9,705	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00	
33	10,137	10,137	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00	
34	10,624	10,624	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00	
35	12,093	12,093	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00	
36	4,096	4,097	<b>15.97</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00	
37	4,564	4,565	<b>14.43</b>	108.5	0.00	84.19	-	-	0.00	0.00	-	0.00	
38	6,677	6,677	<b>8.85</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00	
39	7,087	7,087	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00	
40	7,729	7,730	<b>6.68</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00	
41	7,806	7,806	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00	
42	8,525	8,525	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00	
43	6,283	6,284	<b>9.75</b>	108.5	0.00	86.96	-	-	0.00	0.00	-	0.00	
44	7,028	7,028	<b>8.09</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00	
45	7,703	7,703	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00	
46	6,294	6,294	<b>9.73</b>	108.5	0.00	86.98	-	-	0.00	0.00	-	0.00	
47	7,008	7,008	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00	
48	9,100	9,100	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00	
49	11,389	11,389	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00	
50	12,557	12,557	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00	
51	13,105	13,106	<b>-0.97</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00	
52	11,580	11,580	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00	
53	12,132	12,133	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00	
54	12,621	12,621	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00	
55	13,025	13,025	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00	
56	13,607	13,608	<b>-1.50</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00	
57	11,775	11,775	<b>0.54</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00	
58	12,265	12,265	<b>-0.04</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00	
59	13,528	13,528	<b>-1.42</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00	
60	14,068	14,068	<b>-1.96</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00	
Sum	24.76												

## DECIBEL - Detailed results

Calculation: V126 Day v25 Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H440 H440

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,076	8,077	<b>6.02</b>	108.5	0.00	89.14	-	-	0.00	0.00	-	0.00
2	8,328	8,328	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
3	8,803	8,803	<b>4.75</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
4	7,915	7,915	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
5	9,512	9,512	<b>3.62</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
6	8,582	8,582	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
7	9,207	9,207	<b>4.09</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
8	10,034	10,034	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
9	10,863	10,863	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
10	9,819	9,819	<b>3.15</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
11	7,944	7,945	<b>6.27</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
12	8,576	8,576	<b>5.14</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
13	10,093	10,093	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
14	10,387	10,387	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
15	11,036	11,036	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
16	7,395	7,395	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
17	7,918	7,918	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
18	8,366	8,366	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
19	8,344	8,344	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
20	9,166	9,166	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
21	10,131	10,131	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
22	11,302	11,302	<b>1.12</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
23	12,268	12,268	<b>-0.04</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
24	4,654	4,654	<b>14.15</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
25	5,086	5,087	<b>12.86</b>	108.5	0.00	85.13	-	-	0.00	0.00	-	0.00
26	5,597	5,597	<b>11.46</b>	108.5	0.00	85.96	-	-	0.00	0.00	-	0.00
27	6,953	6,953	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
28	8,410	8,410	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
29	7,863	7,863	<b>6.42</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
30	9,046	9,046	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
31	9,439	9,439	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
32	9,792	9,792	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
33	10,224	10,224	<b>2.57</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
34	10,707	10,707	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
35	12,179	12,179	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
36	4,190	4,191	<b>15.65</b>	108.5	0.00	83.45	-	-	0.00	0.00	-	0.00
37	4,655	4,656	<b>14.15</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
38	6,771	6,771	<b>8.64</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
39	7,178	7,178	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
40	7,819	7,819	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
41	7,899	7,899	<b>6.35</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
42	8,616	8,616	<b>5.07</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
43	6,380	6,381	<b>9.52</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
44	7,124	7,125	<b>7.89</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
45	7,799	7,800	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
46	6,389	6,389	<b>9.50</b>	108.5	0.00	87.11	-	-	0.00	0.00	-	0.00
47	7,103	7,103	<b>7.93</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
48	9,197	9,197	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
49	11,485	11,485	<b>0.89</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
50	12,654	12,654	<b>-0.48</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
51	13,202	13,202	<b>-1.07</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
52	11,675	11,675	<b>0.66</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
53	12,226	12,227	<b>0.01</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
54	12,715	12,716	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
55	13,121	13,121	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
56	13,702	13,702	<b>-1.59</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
57	11,863	11,863	<b>0.43</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
58	12,354	12,354	<b>-0.14</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
59	13,620	13,620	<b>-1.51</b>	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00
60	14,160	14,160	<b>-2.05</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00

Sum 24.57

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H441 H441

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,085	8,085	6.01	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
2	8,340	8,340	5.55	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
3	8,819	8,819	4.73	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
4	7,931	7,932	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
5	9,536	9,536	3.58	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00
6	8,611	8,611	5.08	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
7	9,235	9,235	4.05	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
8	10,066	10,066	2.79	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
9	10,896	10,896	1.65	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
10	9,855	9,855	3.10	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
11	7,972	7,972	6.22	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
12	8,615	8,615	5.07	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
13	10,136	10,136	2.69	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
14	10,434	10,434	2.27	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
15	11,086	11,086	1.40	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
16	7,439	7,440	7.24	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
17	7,962	7,963	6.24	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
18	8,412	8,412	5.42	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
19	8,395	8,395	5.45	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
20	9,217	9,217	4.08	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
21	10,183	10,183	2.63	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
22	11,356	11,357	1.05	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
23	12,324	12,324	-0.11	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
24	4,704	4,705	14.00	108.5	0.00	84.45	-	-	0.00	0.00	-	0.00
25	5,138	5,139	12.72	108.5	0.00	85.22	-	-	0.00	0.00	-	0.00
26	5,650	5,650	11.32	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
27	7,010	7,011	8.13	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
28	8,465	8,465	5.33	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
29	7,920	7,920	6.31	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
30	9,102	9,102	4.26	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
31	9,497	9,497	3.64	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
32	9,851	9,851	3.11	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
33	10,283	10,283	2.48	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
34	10,764	10,765	1.82	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
35	12,237	12,237	-0.01	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
36	4,254	4,255	15.44	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
37	4,718	4,719	13.96	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
38	6,836	6,836	8.50	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
39	7,240	7,241	7.65	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00
40	7,880	7,880	6.39	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
41	7,963	7,963	6.23	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
42	8,678	8,678	4.96	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
43	6,448	6,448	9.37	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
44	7,191	7,192	7.75	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
45	7,867	7,867	6.41	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
46	6,456	6,457	9.35	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00
47	7,170	7,171	7.79	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
48	9,265	9,265	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
49	11,553	11,553	0.81	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
50	12,722	12,722	-0.55	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
51	13,270	13,270	-1.15	108.5	0.00	93.46	-	-	0.00	0.00	-	0.00
52	11,742	11,742	0.58	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
53	12,293	12,293	-0.07	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
54	12,782	12,782	-0.62	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
55	13,188	13,189	-1.06	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
56	13,769	13,769	-1.66	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
57	11,926	11,927	0.36	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
58	12,417	12,418	-0.21	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
59	13,685	13,685	-1.58	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
60	14,226	14,226	-2.11	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
Sum	24.44											



Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

**DECIBEL - Detailed results**

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area: H442 H442**

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,108	8,108	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
2	8,368	8,368	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
3	8,852	8,852	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
4	7,966	7,967	<b>6.23</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
5	9,581	9,581	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
6	8,664	8,664	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
7	9,286	9,286	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
8	10,122	10,122	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
9	10,953	10,953	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
10	9,917	9,917	<b>3.01</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
11	8,022	8,022	<b>6.13</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
12	8,681	8,682	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
13	10,207	10,207	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
14	10,512	10,512	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
15	11,166	11,166	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
16	7,513	7,513	<b>7.10</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
17	8,036	8,036	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
18	8,487	8,487	<b>5.29</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
19	8,478	8,478	<b>5.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
20	9,299	9,299	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
21	10,266	10,266	<b>2.51</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
22	11,443	11,443	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
23	12,412	12,412	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
24	4,786	4,787	<b>13.75</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
25	5,222	5,223	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
26	5,735	5,735	<b>11.10</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
27	7,101	7,102	<b>7.93</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
28	8,553	8,553	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
29	8,010	8,010	<b>6.15</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
30	9,191	9,191	<b>4.12</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
31	9,588	9,588	<b>3.50</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
32	9,944	9,944	<b>2.97</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
33	10,375	10,375	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
34	10,854	10,855	<b>1.70</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
35	12,328	12,328	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
36	4,353	4,354	<b>15.11</b>	108.5	0.00	83.78	-	-	0.00	0.00	-	0.00
37	4,814	4,815	<b>13.66</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
38	6,935	6,935	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
39	7,337	7,338	<b>7.45</b>	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
40	7,975	7,975	<b>6.21</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
41	8,061	8,061	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
42	8,775	8,775	<b>4.80</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
43	6,549	6,549	<b>9.14</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
44	7,292	7,293	<b>7.54</b>	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
45	7,967	7,968	<b>6.23</b>	108.5	0.00	89.03	-	-	0.00	0.00	-	0.00
46	6,554	6,555	<b>9.13</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
47	7,268	7,269	<b>7.59</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
48	9,365	9,365	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
49	11,652	11,652	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
50	12,822	12,822	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
51	13,369	13,369	<b>-1.25</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
52	11,839	11,840	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
53	12,389	12,390	<b>-0.18</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
54	12,879	12,879	<b>-0.73</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
55	13,287	13,287	<b>-1.16</b>	108.5	0.00	93.47	-	-	0.00	0.00	-	0.00
56	13,865	13,866	<b>-1.76</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
57	12,016	12,016	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
58	12,508	12,508	<b>-0.32</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
59	13,779	13,779	<b>-1.67</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
60	14,320	14,320	<b>-2.21</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
Sum	24.24											

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H443 H443

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,127	8,127	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
2	8,390	8,390	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
3	8,879	8,879	<b>4.63</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
4	7,994	7,994	<b>6.18</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
5	9,616	9,616	<b>3.46</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
6	8,705	8,705	<b>4.92</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
7	9,325	9,325	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
8	10,165	10,166	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
9	10,998	10,998	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
10	9,965	9,965	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
11	8,060	8,061	<b>6.05</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
12	8,732	8,732	<b>4.87</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
13	10,262	10,262	<b>2.51</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
14	10,571	10,571	<b>2.08</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
15	11,226	11,226	<b>1.22</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
16	7,569	7,569	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
17	8,092	8,092	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
18	8,544	8,544	<b>5.19</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
19	8,540	8,541	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
20	9,361	9,362	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
21	10,329	10,329	<b>2.42</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
22	11,508	11,508	<b>0.87</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
23	12,478	12,478	<b>-0.28</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
24	4,848	4,849	<b>13.56</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
25	5,286	5,286	<b>12.30</b>	108.5	0.00	85.46	-	-	0.00	0.00	-	0.00
26	5,799	5,799	<b>10.94</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
27	7,170	7,170	<b>7.79</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
28	8,619	8,619	<b>5.07</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
29	8,077	8,078	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
30	9,258	9,259	<b>4.01</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
31	9,656	9,656	<b>3.40</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
32	10,014	10,014	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
33	10,445	10,445	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
34	10,922	10,922	<b>1.61</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
35	12,397	12,397	<b>-0.19</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
36	4,427	4,428	<b>14.87</b>	108.5	0.00	83.92	-	-	0.00	0.00	-	0.00
37	4,887	4,888	<b>13.45</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
38	7,009	7,010	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
39	7,410	7,410	<b>7.30</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
40	8,046	8,046	<b>6.08</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
41	8,134	8,135	<b>5.92</b>	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
42	8,847	8,847	<b>4.68</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
43	6,624	6,625	<b>8.97</b>	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
44	7,367	7,368	<b>7.39</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
45	8,043	8,043	<b>6.09</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
46	6,627	6,627	<b>8.96</b>	108.5	0.00	87.43	-	-	0.00	0.00	-	0.00
47	7,341	7,342	<b>7.44</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
48	9,440	9,440	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
49	11,726	11,726	<b>0.60</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
50	12,897	12,897	<b>-0.75</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
51	13,443	13,443	<b>-1.33</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
52	11,912	11,912	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
53	12,461	12,461	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
54	12,951	12,951	<b>-0.81</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
55	13,361	13,361	<b>-1.24</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
56	13,938	13,938	<b>-1.83</b>	108.5	0.00	93.88	-	-	0.00	0.00	-	0.00
57	12,083	12,083	<b>0.17</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
58	12,575	12,575	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
59	13,848	13,848	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
60	14,390	14,391	<b>-2.27</b>	108.5	0.00	94.16	-	-	0.00	0.00	-	0.00

Sum 24.09

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H444 H444

WTG	95% rated power											
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,147	8,147	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
2	8,413	8,414	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
3	8,906	8,906	<b>4.58</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
4	8,022	8,023	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
5	9,652	9,652	<b>3.40</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
6	8,746	8,746	<b>4.85</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
7	9,364	9,364	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
8	10,209	10,209	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
9	11,042	11,042	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
10	10,013	10,013	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
11	8,100	8,100	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
12	8,783	8,783	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
13	10,316	10,316	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
14	10,629	10,629	<b>2.00</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
15	11,286	11,286	<b>1.14</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
16	7,625	7,625	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
17	8,148	8,148	<b>5.89</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
18	8,601	8,601	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
19	8,603	8,603	<b>5.09</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
20	9,423	9,423	<b>3.75</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
21	10,392	10,392	<b>2.33</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
22	11,573	11,573	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
23	12,544	12,544	<b>-0.36</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
24	4,910	4,910	<b>13.38</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
25	5,349	5,349	<b>12.13</b>	108.5	0.00	85.57	-	-	0.00	0.00	-	0.00
26	5,863	5,863	<b>10.78</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
27	7,238	7,238	<b>7.65</b>	108.5	0.00	88.19	-	-	0.00	0.00	-	0.00
28	8,684	8,684	<b>4.95</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
29	8,145	8,145	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
30	9,325	9,325	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
31	9,724	9,724	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
32	10,083	10,083	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
33	10,513	10,514	<b>2.16</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
34	10,989	10,989	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
35	12,465	12,465	<b>-0.27</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
36	4,500	4,501	<b>14.64</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
37	4,959	4,959	<b>13.23</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00
38	7,082	7,083	<b>7.97</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
39	7,481	7,482	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
40	8,117	8,117	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
41	8,207	8,207	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
42	8,919	8,919	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
43	6,698	6,699	<b>8.80</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
44	7,441	7,442	<b>7.24</b>	108.5	0.00	88.43	-	-	0.00	0.00	-	0.00
45	8,117	8,117	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
46	6,698	6,699	<b>8.80</b>	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
47	7,413	7,413	<b>7.30</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
48	9,513	9,513	<b>3.62</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
49	11,799	11,799	<b>0.51</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
50	12,970	12,970	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
51	13,516	13,516	<b>-1.40</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
52	11,983	11,984	<b>0.29</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
53	12,531	12,531	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
54	13,022	13,022	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
55	13,433	13,433	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
56	14,008	14,008	<b>-1.90</b>	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
57	12,148	12,148	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
58	12,641	12,641	<b>-0.46</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
59	13,916	13,917	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
60	14,459	14,460	<b>-2.34</b>	108.5	0.00	94.20	-	-	0.00	0.00	-	0.00

Sum 23.94



Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H445 H445

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,625	8,625	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
2	8,906	8,906	<b>4.58</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
3	9,414	9,414	<b>3.77</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
4	8,534	8,535	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
5	10,188	10,188	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
6	9,298	9,298	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
7	9,912	9,912	<b>3.02</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
8	10,766	10,766	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
9	11,601	11,601	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
10	10,579	10,579	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
11	8,647	8,647	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
12	9,354	9,354	<b>3.86</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
13	10,890	10,890	<b>1.66</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
14	11,204	11,204	<b>1.25</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
15	11,860	11,860	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
16	8,199	8,199	<b>5.80</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
17	8,723	8,723	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
18	9,175	9,175	<b>4.14</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
19	9,174	9,174	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
20	9,995	9,995	<b>2.90</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
21	10,962	10,963	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
22	12,139	12,139	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
23	13,107	13,107	<b>-0.97</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
24	5,482	5,482	<b>11.77</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
25	5,919	5,919	<b>10.64</b>	108.5	0.00	86.44	-	-	0.00	0.00	-	0.00
26	6,431	6,432	<b>9.41</b>	108.5	0.00	87.17	-	-	0.00	0.00	-	0.00
27	7,793	7,793	<b>6.55</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
28	9,248	9,249	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
29	8,703	8,703	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
30	9,885	9,886	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
31	10,279	10,280	<b>2.49</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
32	10,631	10,631	<b>2.00</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
33	11,064	11,064	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
34	11,548	11,548	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
35	13,019	13,019	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
36	5,010	5,011	<b>13.08</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00
37	5,488	5,488	<b>11.75</b>	108.5	0.00	85.79	-	-	0.00	0.00	-	0.00
38	7,587	7,587	<b>6.95</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
39	8,009	8,009	<b>6.15</b>	108.5	0.00	89.07	-	-	0.00	0.00	-	0.00
40	8,655	8,655	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
41	8,723	8,723	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
42	9,447	9,447	<b>3.72</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
43	7,152	7,152	<b>7.83</b>	108.5	0.00	88.09	-	-	0.00	0.00	-	0.00
44	7,909	7,909	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
45	8,581	8,581	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
46	7,050	7,050	<b>8.04</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
47	7,764	7,764	<b>6.61</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
48	9,914	9,914	<b>3.01</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
49	12,171	12,171	<b>0.07</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
50	13,370	13,370	<b>-1.25</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
51	13,892	13,892	<b>-1.78</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
52	12,321	12,321	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
53	12,848	12,848	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
54	13,344	13,344	<b>-1.22</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
55	13,794	13,795	<b>-1.69</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
56	14,333	14,333	<b>-2.22</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
57	12,381	12,382	<b>-0.17</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
58	12,880	12,880	<b>-0.73</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
59	14,194	14,194	<b>-2.08</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
60	14,747	14,748	<b>-2.61</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00

Sum 22.84

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H446 H446

WTG	95% rated power												
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	8,600	8,600	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	2	8,881	8,881	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	3	9,389	9,389	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	4	8,510	8,510	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	5	10,164	10,164	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	6	9,274	9,274	<b>3.99</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	7	9,887	9,888	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	8	10,743	10,743	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	9	11,577	11,577	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	10	10,556	10,556	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	11	8,623	8,623	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	12	9,331	9,331	<b>3.90</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	13	10,867	10,867	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
	14	11,183	11,183	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	15	11,839	11,839	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	16	8,177	8,178	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
	17	8,701	8,701	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	18	9,154	9,154	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	19	9,154	9,154	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	20	9,975	9,975	<b>2.92</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	21	10,942	10,942	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	22	12,120	12,120	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	23	13,088	13,088	<b>-0.95</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	24	5,461	5,462	<b>11.82</b>	108.5	0.00	85.75	-	-	0.00	0.00	-	0.00
	25	5,899	5,899	<b>10.69</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	26	6,412	6,412	<b>9.45</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	27	7,775	7,775	<b>6.59</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
	28	9,229	9,230	<b>4.06</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	29	8,685	8,685	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	30	9,867	9,867	<b>3.08</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	31	10,262	10,262	<b>2.51</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	32	10,614	10,614	<b>2.03</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	33	11,046	11,046	<b>1.45</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	34	11,529	11,529	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	35	13,001	13,001	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	36	4,996	4,997	<b>13.13</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	37	5,472	5,473	<b>11.79</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	38	7,573	7,574	<b>6.98</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	39	7,993	7,994	<b>6.18</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	40	8,639	8,639	<b>5.03</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	41	8,708	8,709	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	42	9,432	9,432	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	43	7,141	7,142	<b>7.85</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	44	7,898	7,898	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	45	8,570	8,571	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	46	7,045	7,046	<b>8.05</b>	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
	47	7,759	7,760	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	48	9,907	9,907	<b>3.02</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	49	12,166	12,166	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	50	13,363	13,363	<b>-1.24</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	51	13,887	13,887	<b>-1.78</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
	52	12,317	12,317	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	53	12,846	12,846	<b>-0.69</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	54	13,341	13,342	<b>-1.22</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	55	13,790	13,790	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	56	14,330	14,331	<b>-2.22</b>	108.5	0.00	94.13	-	-	0.00	0.00	-	0.00
	57	12,383	12,383	<b>-0.17</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	58	12,881	12,882	<b>-0.73</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	59	14,194	14,194	<b>-2.08</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	60	14,747	14,747	<b>-2.61</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
Sum		22.87											

**DECIBEL - Detailed results**

**Calculation:** V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

**Noise sensitive area:** H447 H447

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,526	8,527	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00	
2	8,806	8,806	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00	
3	9,313	9,313	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00	
4	8,433	8,434	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00	
5	10,086	10,086	<b>2.76</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00	
6	9,195	9,195	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00	
7	9,809	9,809	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00	
8	10,664	10,664	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00	
9	11,498	11,498	<b>0.88</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00	
10	10,478	10,478	<b>2.21</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00	
11	8,544	8,545	<b>5.19</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00	
12	9,253	9,253	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00	
13	10,790	10,790	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00	
14	11,106	11,106	<b>1.37</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00	
15	11,763	11,763	<b>0.55</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00	
16	8,100	8,100	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00	
17	8,624	8,624	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00	
18	9,077	9,077	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00	
19	9,079	9,079	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00	
20	9,900	9,900	<b>3.03</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00	
21	10,868	10,868	<b>1.69</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00	
22	12,047	12,047	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00	
23	13,016	13,016	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00	
24	5,387	5,387	<b>12.03</b>	108.5	0.00	85.63	-	-	0.00	0.00	-	0.00	
25	5,825	5,825	<b>10.87</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00	
26	6,338	6,338	<b>9.62</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00	
27	7,705	7,705	<b>6.72</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00	
28	9,157	9,157	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00	
29	8,614	8,614	<b>5.07</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00	
30	9,796	9,796	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00	
31	10,191	10,192	<b>2.61</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00	
32	10,545	10,546	<b>2.12</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00	
33	10,977	10,977	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00	
34	11,459	11,459	<b>0.93</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00	
35	12,932	12,932	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00	
36	4,935	4,935	<b>13.31</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00	
37	5,407	5,408	<b>11.97</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00	
38	7,513	7,513	<b>7.10</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00	
39	7,929	7,929	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00	
40	8,572	8,572	<b>5.14</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00	
41	8,646	8,646	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00	
42	9,367	9,367	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00	
43	7,090	7,090	<b>7.96</b>	108.5	0.00	88.01	-	-	0.00	0.00	-	0.00	
44	7,844	7,844	<b>6.46</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00	
45	8,517	8,517	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00	
46	7,010	7,010	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00	
47	7,724	7,724	<b>6.69</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00	
48	9,864	9,865	<b>3.09</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00	
49	12,128	12,128	<b>0.12</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00	
50	13,321	13,321	<b>-1.20</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00	
51	13,848	13,848	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00	
52	12,285	12,285	<b>-0.06</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00	
53	12,816	12,816	<b>-0.66</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00	
54	13,311	13,311	<b>-1.19</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00	
55	13,754	13,754	<b>-1.65</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00	
56	14,300	14,300	<b>-2.19</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00	
57	12,366	12,366	<b>-0.16</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00	
58	12,863	12,864	<b>-0.71</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00	
59	14,170	14,171	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00	
60	14,722	14,722	<b>-2.59</b>	108.5	0.00	94.36	-	-	0.00	0.00	-	0.00	

Sum 23.01

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H448 H448

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,503	8,503	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
2	8,783	8,783	<b>4.79</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
3	9,291	9,291	<b>3.96</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
4	8,412	8,412	<b>5.42</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
5	10,066	10,066	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
6	9,177	9,177	<b>4.14</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
7	9,790	9,790	<b>3.20</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
8	10,646	10,646	<b>1.98</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
9	11,481	11,481	<b>0.90</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
10	10,461	10,461	<b>2.23</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
11	8,526	8,526	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
12	9,238	9,238	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
13	10,776	10,776	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
14	11,095	11,095	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
15	11,753	11,753	<b>0.57</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
16	8,087	8,087	<b>6.00</b>	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00
17	8,611	8,611	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
18	9,064	9,064	<b>4.32</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
19	9,070	9,070	<b>4.31</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
20	9,890	9,890	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
21	10,859	10,859	<b>1.70</b>	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
22	12,039	12,039	<b>0.22</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
23	13,009	13,009	<b>-0.87</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
24	5,377	5,377	<b>12.05</b>	108.5	0.00	85.61	-	-	0.00	0.00	-	0.00
25	5,816	5,816	<b>10.90</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
26	6,330	6,330	<b>9.64</b>	108.5	0.00	87.03	-	-	0.00	0.00	-	0.00
27	7,699	7,700	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
28	9,149	9,150	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
29	8,608	8,608	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
30	9,789	9,789	<b>3.20</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
31	10,186	10,186	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
32	10,541	10,541	<b>2.13</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
33	10,973	10,973	<b>1.55</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
34	11,452	11,452	<b>0.93</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
35	12,926	12,926	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
36	4,934	4,935	<b>13.31</b>	108.5	0.00	84.87	-	-	0.00	0.00	-	0.00
37	5,405	5,406	<b>11.98</b>	108.5	0.00	85.66	-	-	0.00	0.00	-	0.00
38	7,514	7,514	<b>7.10</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
39	7,927	7,928	<b>6.30</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
40	8,569	8,569	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
41	8,646	8,646	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
42	9,365	9,366	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
43	7,095	7,095	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
44	7,848	7,848	<b>6.45</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
45	8,521	8,522	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
46	7,021	7,021	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
47	7,735	7,736	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
48	9,873	9,873	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
49	12,138	12,138	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
50	13,330	13,330	<b>-1.21</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
51	13,858	13,858	<b>-1.75</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
52	12,297	12,297	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
53	12,829	12,829	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
54	13,324	13,324	<b>-1.20</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
55	13,764	13,765	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
56	14,313	14,313	<b>-2.20</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00
57	12,383	12,383	<b>-0.17</b>	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
58	12,880	12,880	<b>-0.73</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
59	14,185	14,185	<b>-2.07</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
60	14,736	14,736	<b>-2.60</b>	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00

Sum 23.02

Project:

20162030 Westwood Red Pine

Licensed user:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H449 H449

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,488	8,489	5.29	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	2	8,769	8,769	4.81	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	3	9,277	9,277	3.98	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	4	8,398	8,398	5.45	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	5	10,052	10,053	2.81	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	6	9,164	9,164	4.16	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	7	9,777	9,777	3.22	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
	8	10,634	10,634	2.00	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	9	11,469	11,469	0.91	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	10	10,450	10,450	2.25	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	11	8,513	8,513	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	12	9,226	9,226	4.06	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	13	10,765	10,765	1.82	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	14	11,085	11,085	1.40	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	15	11,743	11,743	0.58	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	16	8,077	8,077	6.02	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	17	8,601	8,601	5.10	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	18	9,054	9,055	4.34	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	19	9,061	9,061	4.33	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	20	9,882	9,882	3.06	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	21	10,850	10,850	1.71	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	22	12,031	12,031	0.23	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	23	13,002	13,002	-0.86	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	24	5,368	5,369	12.08	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
	25	5,807	5,808	10.92	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	26	6,322	6,322	9.66	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	27	7,693	7,693	6.75	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	28	9,142	9,142	4.20	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	29	8,601	8,601	5.10	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	30	9,782	9,782	3.21	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	31	10,179	10,179	2.63	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	32	10,535	10,535	2.13	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	33	10,966	10,967	1.56	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	34	11,445	11,445	0.94	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	35	12,920	12,920	-0.77	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	36	4,931	4,932	13.32	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	37	5,400	5,401	11.99	108.5	0.00	85.65	-	-	0.00	0.00	-	0.00
	38	7,510	7,511	7.10	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	39	7,923	7,923	6.31	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
	40	8,564	8,564	5.16	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	41	8,642	8,642	5.03	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	42	9,361	9,361	3.85	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	43	7,094	7,094	7.95	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	44	7,846	7,847	6.45	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	45	8,520	8,520	5.23	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	46	7,024	7,024	8.10	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	47	7,738	7,739	6.66	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	48	9,874	9,874	3.07	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	49	12,140	12,141	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	50	13,331	13,331	-1.21	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	51	13,860	13,861	-1.75	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	52	12,300	12,300	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	53	12,833	12,834	-0.68	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00
	54	13,328	13,328	-1.21	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	55	13,767	13,767	-1.66	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	56	14,316	14,317	-2.20	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00
	57	12,389	12,389	-0.18	108.5	0.00	92.86	-	-	0.00	0.00	-	0.00
	58	12,886	12,886	-0.74	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	59	14,191	14,191	-2.08	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00
	60	14,741	14,741	-2.61	108.5	0.00	94.37	-	-	0.00	0.00	-	0.00
Sum		23.03											

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H450 H450

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,430	8,430	5.39	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
2	8,712	8,712	4.91	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
3	9,222	9,222	4.07	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
4	8,343	8,344	5.54	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
5	10,003	10,003	2.88	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
6	9,119	9,119	4.24	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
7	9,730	9,730	3.29	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
8	10,590	10,590	2.06	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
9	11,426	11,426	0.97	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
10	10,410	10,410	2.31	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
11	8,466	8,466	5.33	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
12	9,190	9,190	4.12	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
13	10,732	10,732	1.87	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
14	11,057	11,057	1.44	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
15	11,718	11,718	0.61	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
16	8,046	8,046	6.08	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
17	8,570	8,570	5.15	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
18	9,025	9,025	4.39	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
19	9,038	9,039	4.37	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
20	9,858	9,858	3.10	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
21	10,828	10,828	1.74	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
22	12,013	12,013	0.26	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
23	12,985	12,985	-0.84	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
24	5,345	5,346	12.14	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
25	5,786	5,787	10.97	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
26	6,302	6,302	9.71	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
27	7,680	7,680	6.77	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
28	9,124	9,125	4.23	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
29	8,587	8,587	5.12	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
30	9,767	9,767	3.23	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
31	10,167	10,167	2.65	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
32	10,525	10,525	2.15	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
33	10,956	10,956	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
34	11,431	11,431	0.96	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
35	12,907	12,907	-0.76	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
36	4,933	4,934	13.31	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
37	5,397	5,398	12.00	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
38	7,514	7,514	7.10	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
39	7,920	7,920	6.31	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
40	8,558	8,558	5.17	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
41	8,642	8,643	5.02	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
42	9,358	9,358	3.86	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
43	7,108	7,109	7.92	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
44	7,858	7,858	6.43	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
45	8,532	8,533	5.21	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
46	7,054	7,054	8.03	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
47	7,768	7,769	6.60	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
48	9,897	9,898	3.04	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
49	12,168	12,168	0.07	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
50	13,354	13,355	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
51	13,888	13,888	-1.78	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
52	12,332	12,333	-0.12	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
53	12,868	12,869	-0.72	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
54	13,362	13,362	-1.24	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
55	13,796	13,796	-1.69	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
56	14,350	14,351	-2.23	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00
57	12,433	12,434	-0.23	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
58	12,930	12,930	-0.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
59	14,230	14,230	-2.12	108.5	0.00	94.06	-	-	0.00	0.00	-	0.00
60	14,779	14,780	-2.64	108.5	0.00	94.39	-	-	0.00	0.00	-	0.00

Sum 23.05

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H451 H451

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,688	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00	
2	8,967	8,967	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00	
3	9,473	9,473	<b>3.68</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00	
4	8,592	8,593	<b>5.11</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00	
5	10,241	10,241	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00	
6	9,347	9,347	<b>3.87</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00	
7	9,962	9,962	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00	
8	10,813	10,813	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00	
9	11,647	11,647	<b>0.69</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00	
10	10,622	10,622	<b>2.01</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00	
11	8,697	8,697	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00	
12	9,393	9,393	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00	
13	10,925	10,925	<b>1.61</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00	
14	11,234	11,234	<b>1.21</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00	
15	11,888	11,888	<b>0.40</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00	
16	8,233	8,233	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00	
17	8,756	8,757	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00	
18	9,208	9,208	<b>4.09</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00	
19	9,199	9,199	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00	
20	10,021	10,021	<b>2.86</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00	
21	10,986	10,987	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00	
22	12,160	12,160	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00	
23	13,125	13,125	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00	
24	5,507	5,508	<b>11.70</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00	
25	5,942	5,943	<b>10.58</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00	
26	6,453	6,454	<b>9.36</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00	
27	7,807	7,808	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00	
28	9,268	9,268	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00	
29	8,719	8,719	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00	
30	9,902	9,902	<b>3.03</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00	
31	10,294	10,294	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00	
32	10,642	10,642	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00	
33	11,075	11,075	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00	
34	11,563	11,563	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00	
35	13,032	13,032	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00	
36	5,010	5,011	<b>13.09</b>	108.5	0.00	85.00	-	-	0.00	0.00	-	0.00	
37	5,493	5,493	<b>11.74</b>	108.5	0.00	85.80	-	-	0.00	0.00	-	0.00	
38	7,584	7,585	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00	
39	8,013	8,013	<b>6.14</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00	
40	8,662	8,663	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00	
41	8,723	8,723	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00	
42	9,451	9,451	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00	
43	7,138	7,138	<b>7.86</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00	
44	7,897	7,898	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00	
45	8,569	8,569	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00	
46	7,018	7,019	<b>8.11</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00	
47	7,732	7,733	<b>6.67</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00	
48	9,890	9,890	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00	
49	12,142	12,142	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00	
50	13,345	13,345	<b>-1.23</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00	
51	13,863	13,864	<b>-1.76</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00	
52	12,286	12,286	<b>-0.06</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00	
53	12,811	12,811	<b>-0.65</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00	
54	13,308	13,308	<b>-1.19</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00	
55	13,763	13,764	<b>-1.66</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00	
56	14,297	14,297	<b>-2.18</b>	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00	
57	12,334	12,334	<b>-0.12</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00	
58	12,833	12,834	<b>-0.68</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00	
59	14,152	14,152	<b>-2.04</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00	
60	14,706	14,707	<b>-2.57</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00	

Sum 22.82

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H452 H452

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,095	9,095	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	2	9,397	9,397	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	3	9,929	9,929	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	4	9,058	9,059	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	5	10,751	10,751	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	6	9,893	9,893	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	7	10,497	10,497	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	8	11,372	11,373	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	9	12,210	12,210	<b>0.02</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	10	11,208	11,208	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	11	9,233	9,234	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	12	9,996	9,996	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
	13	11,546	11,546	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	14	11,877	11,877	<b>0.42</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	15	12,538	12,538	<b>-0.35</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	16	8,863	8,864	<b>4.65</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	17	9,387	9,387	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	18	9,843	9,843	<b>3.12</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	19	9,859	9,859	<b>3.09</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	20	10,679	10,679	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	21	11,648	11,648	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	22	12,830	12,830	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
	23	13,800	13,800	<b>-1.69</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	24	6,166	6,166	<b>10.03</b>	108.5	0.00	86.80	-	-	0.00	0.00	-	0.00
	25	6,606	6,606	<b>9.01</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	26	7,120	7,121	<b>7.89</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	27	8,488	8,489	<b>5.29</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	28	9,941	9,941	<b>2.97</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	29	9,398	9,398	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	30	10,580	10,580	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	31	10,975	10,975	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	32	11,327	11,327	<b>1.09</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	33	11,759	11,759	<b>0.56</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
	34	12,242	12,242	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	35	13,715	13,715	<b>-1.61</b>	108.5	0.00	93.74	-	-	0.00	0.00	-	0.00
	36	5,698	5,698	<b>11.20</b>	108.5	0.00	86.11	-	-	0.00	0.00	-	0.00
	37	6,181	6,181	<b>10.00</b>	108.5	0.00	86.82	-	-	0.00	0.00	-	0.00
	38	8,271	8,271	<b>5.67</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
	39	8,701	8,701	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	40	9,350	9,350	<b>3.87</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
	41	9,411	9,411	<b>3.77</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	42	10,139	10,140	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	43	7,809	7,810	<b>6.52</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	44	8,574	8,574	<b>5.14</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	45	9,244	9,244	<b>4.04</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	46	7,637	7,637	<b>6.85</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	47	8,349	8,349	<b>5.53</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
	48	10,533	10,533	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	49	12,766	12,766	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	50	13,985	13,985	<b>-1.88</b>	108.5	0.00	93.91	-	-	0.00	0.00	-	0.00
	51	14,489	14,489	<b>-2.37</b>	108.5	0.00	94.22	-	-	0.00	0.00	-	0.00
	52	12,887	12,887	<b>-0.74</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	53	13,396	13,396	<b>-1.28</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	54	13,897	13,897	<b>-1.79</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
	55	14,379	14,379	<b>-2.26</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	56	14,887	14,887	<b>-2.74</b>	108.5	0.00	94.46	-	-	0.00	0.00	-	0.00
	57	12,854	12,855	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	58	13,358	13,358	<b>-1.24</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
	59	14,706	14,707	<b>-2.57</b>	108.5	0.00	94.35	-	-	0.00	0.00	-	0.00
	60	15,268	15,269	<b>-3.09</b>	108.5	0.00	94.68	-	-	0.00	0.00	-	0.00

Sum 21.59



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H453 H453

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,728	8,728	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
2	9,005	9,005	<b>4.42</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
3	9,508	9,508	<b>3.62</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
4	8,627	8,627	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
5	10,270	10,270	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
6	9,370	9,370	<b>3.84</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
7	9,987	9,987	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
8	10,835	10,835	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
9	11,668	11,668	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
10	10,639	10,639	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
11	8,723	8,723	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
12	9,407	9,408	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
13	10,936	10,936	<b>1.60</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
14	11,239	11,239	<b>1.20</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
15	11,891	11,891	<b>0.40</b>	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
16	8,241	8,242	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
17	8,765	8,765	<b>4.82</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
18	9,215	9,215	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
19	9,199	9,199	<b>4.11</b>	108.5	0.00	90.27	-	-	0.00	0.00	-	0.00
20	10,021	10,021	<b>2.86</b>	108.5	0.00	91.02	-	-	0.00	0.00	-	0.00
21	10,986	10,986	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
22	12,155	12,155	<b>0.09</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
23	13,119	13,119	<b>-0.99</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
24	5,509	5,509	<b>11.70</b>	108.5	0.00	85.82	-	-	0.00	0.00	-	0.00
25	5,941	5,942	<b>10.58</b>	108.5	0.00	86.48	-	-	0.00	0.00	-	0.00
26	6,451	6,452	<b>9.36</b>	108.5	0.00	87.19	-	-	0.00	0.00	-	0.00
27	7,798	7,799	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
28	9,263	9,263	<b>4.01</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
29	8,710	8,711	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
30	9,895	9,895	<b>3.04</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
31	10,284	10,284	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
32	10,630	10,630	<b>2.00</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
33	11,063	11,063	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
34	11,555	11,555	<b>0.81</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
35	13,022	13,022	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
36	4,988	4,989	<b>13.15</b>	108.5	0.00	84.96	-	-	0.00	0.00	-	0.00
37	5,475	5,476	<b>11.78</b>	108.5	0.00	85.77	-	-	0.00	0.00	-	0.00
38	7,561	7,561	<b>7.00</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
39	7,994	7,995	<b>6.18</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
40	8,647	8,647	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
41	8,702	8,702	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
42	9,433	9,433	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
43	7,105	7,106	<b>7.93</b>	108.5	0.00	88.03	-	-	0.00	0.00	-	0.00
44	7,867	7,867	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
45	8,538	8,538	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
46	6,973	6,974	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
47	7,687	7,687	<b>6.76</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
48	9,849	9,850	<b>3.11</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
49	12,098	12,098	<b>0.15</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
50	13,304	13,304	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
51	13,820	13,820	<b>-1.71</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
52	12,239	12,239	<b>-0.01</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
53	12,762	12,762	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
54	13,259	13,259	<b>-1.13</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
55	13,718	13,718	<b>-1.61</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
56	14,248	14,248	<b>-2.14</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
57	12,279	12,279	<b>-0.06</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
58	12,778	12,779	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
59	14,100	14,100	<b>-1.99</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
60	14,655	14,655	<b>-2.52</b>	108.5	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 22.84

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H454 H454

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,709	8,709	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	2	8,984	8,984	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	3	9,485	9,486	<b>3.66</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
	4	8,604	8,604	<b>5.09</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	5	10,244	10,244	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	6	9,342	9,342	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	7	9,959	9,959	<b>2.95</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	8	10,805	10,805	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	9	11,638	11,638	<b>0.71</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	10	10,608	10,608	<b>2.03</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
	11	8,695	8,695	<b>4.94</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	12	9,375	9,375	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	13	10,901	10,901	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	14	11,203	11,203	<b>1.25</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	15	11,854	11,854	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	16	8,207	8,207	<b>5.79</b>	108.5	0.00	89.28	-	-	0.00	0.00	-	0.00
	17	8,730	8,730	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	18	9,180	9,180	<b>4.14</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	19	9,162	9,162	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	20	9,984	9,984	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	21	10,948	10,948	<b>1.58</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	22	12,117	12,117	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	23	13,080	13,080	<b>-0.94</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	24	5,472	5,472	<b>11.80</b>	108.5	0.00	85.76	-	-	0.00	0.00	-	0.00
	25	5,904	5,904	<b>10.67</b>	108.5	0.00	86.42	-	-	0.00	0.00	-	0.00
	26	6,413	6,414	<b>9.45</b>	108.5	0.00	87.14	-	-	0.00	0.00	-	0.00
	27	7,759	7,759	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	28	9,224	9,224	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	29	8,671	8,671	<b>4.98</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	30	9,856	9,856	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	31	10,244	10,245	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	32	10,590	10,590	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	33	11,024	11,024	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	34	11,515	11,516	<b>0.86</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	35	12,982	12,982	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	36	4,948	4,948	<b>13.27</b>	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
	37	5,435	5,436	<b>11.89</b>	108.5	0.00	85.70	-	-	0.00	0.00	-	0.00
	38	7,520	7,520	<b>7.08</b>	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	39	7,954	7,954	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	40	8,607	8,607	<b>5.09</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	41	8,661	8,661	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	42	9,392	9,392	<b>3.80</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	43	7,064	7,065	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	44	7,826	7,826	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	45	8,497	8,497	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	46	6,935	6,935	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	47	7,648	7,649	<b>6.83</b>	108.5	0.00	88.67	-	-	0.00	0.00	-	0.00
	48	9,810	9,810	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	49	12,060	12,060	<b>0.20</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	50	13,265	13,265	<b>-1.14</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
	51	13,781	13,781	<b>-1.67</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	52	12,201	12,201	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	53	12,725	12,725	<b>-0.56</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	54	13,222	13,222	<b>-1.10</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	55	13,680	13,680	<b>-1.57</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	56	14,211	14,211	<b>-2.10</b>	108.5	0.00	94.05	-	-	0.00	0.00	-	0.00
	57	12,245	12,246	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	58	12,745	12,745	<b>-0.58</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
	59	14,064	14,065	<b>-1.96</b>	108.5	0.00	93.96	-	-	0.00	0.00	-	0.00
	60	14,619	14,619	<b>-2.49</b>	108.5	0.00	94.30	-	-	0.00	0.00	-	0.00
	Sum	22.91											

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H455 H455

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,640	8,640	<b>5.03</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
2	8,914	8,914	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
3	9,414	9,414	<b>3.77</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
4	8,532	8,532	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
5	10,170	10,170	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
6	9,266	9,266	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
7	9,884	9,884	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
8	10,729	10,729	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
9	11,562	11,562	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
10	10,531	10,531	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
11	8,620	8,620	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
12	9,298	9,298	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
13	10,825	10,825	<b>1.74</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
14	11,127	11,127	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
15	11,779	11,779	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
16	8,130	8,131	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
17	8,654	8,654	<b>5.00</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
18	9,104	9,104	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
19	9,087	9,087	<b>4.29</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
20	9,909	9,909	<b>3.02</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
21	10,874	10,874	<b>1.68</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
22	12,044	12,044	<b>0.22</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
23	13,008	13,008	<b>-0.87</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
24	5,397	5,397	<b>12.00</b>	108.5	0.00	85.64	-	-	0.00	0.00	-	0.00
25	5,830	5,830	<b>10.86</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
26	6,340	6,340	<b>9.62</b>	108.5	0.00	87.04	-	-	0.00	0.00	-	0.00
27	7,688	7,688	<b>6.76</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
28	9,151	9,151	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
29	8,600	8,600	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
30	9,784	9,784	<b>3.21</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
31	10,173	10,174	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
32	10,520	10,520	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
33	10,954	10,954	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
34	11,444	11,444	<b>0.95</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
35	12,912	12,912	<b>-0.76</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
36	4,883	4,884	<b>13.46</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
37	5,368	5,368	<b>12.08</b>	108.5	0.00	85.60	-	-	0.00	0.00	-	0.00
38	7,457	7,457	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
39	7,887	7,888	<b>6.38</b>	108.5	0.00	88.94	-	-	0.00	0.00	-	0.00
40	8,538	8,539	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
41	8,596	8,597	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
42	9,326	9,326	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
43	7,009	7,009	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
44	7,769	7,769	<b>6.60</b>	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
45	8,440	8,440	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
46	6,894	6,895	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
47	7,608	7,608	<b>6.91</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
48	9,763	9,763	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
49	12,017	12,017	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
50	13,218	13,218	<b>-1.09</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
51	13,738	13,738	<b>-1.63</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
52	12,164	12,164	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
53	12,690	12,690	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
54	13,186	13,187	<b>-1.06</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
55	13,639	13,639	<b>-1.53</b>	108.5	0.00	93.70	-	-	0.00	0.00	-	0.00
56	14,176	14,176	<b>-2.06</b>	108.5	0.00	94.03	-	-	0.00	0.00	-	0.00
57	12,223	12,223	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
58	12,721	12,721	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
59	14,035	14,036	<b>-1.93</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
60	14,589	14,589	<b>-2.46</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00

Sum 23.05

Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H456 H456

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,663	8,664	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	2	8,933	8,933	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	3	9,429	9,429	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	4	8,545	8,545	<b>5.19</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	5	10,174	10,174	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	6	9,264	9,264	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	7	9,884	9,884	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	8	10,724	10,724	<b>1.88</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	9	11,555	11,555	<b>0.81</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
	10	10,519	10,519	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	11	8,620	8,620	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	12	9,282	9,282	<b>3.98</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
	13	10,804	10,804	<b>1.77</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	14	11,098	11,098	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	15	11,747	11,747	<b>0.57</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	16	8,107	8,107	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	17	8,630	8,630	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	18	9,078	9,078	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
	19	9,052	9,052	<b>4.34</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	20	9,875	9,875	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	21	10,838	10,838	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	22	12,003	12,003	<b>0.27</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
	23	12,965	12,965	<b>-0.82</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	24	5,364	5,364	<b>12.09</b>	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
	25	5,794	5,794	<b>10.95</b>	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
	26	6,302	6,302	<b>9.71</b>	108.5	0.00	86.99	-	-	0.00	0.00	-	0.00
	27	7,641	7,642	<b>6.85</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	28	9,110	9,110	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	29	8,554	8,555	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	30	9,740	9,740	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	31	10,127	10,127	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	32	10,470	10,470	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	33	10,904	10,904	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	34	11,398	11,399	<b>1.00</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	35	12,864	12,864	<b>-0.71</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	36	4,823	4,824	<b>13.64</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
	37	5,313	5,313	<b>12.23</b>	108.5	0.00	85.51	-	-	0.00	0.00	-	0.00
	38	7,394	7,395	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	39	7,831	7,831	<b>6.48</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	40	8,485	8,485	<b>5.30</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	41	8,536	8,537	<b>5.21</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	42	9,269	9,269	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	43	6,938	6,938	<b>8.28</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	44	7,699	7,700	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	45	8,370	8,370	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	46	6,812	6,813	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	47	7,526	7,527	<b>7.07</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
	48	9,685	9,685	<b>3.35</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	49	11,936	11,936	<b>0.35</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	50	13,140	13,140	<b>-1.01</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
	51	13,657	13,658	<b>-1.55</b>	108.5	0.00	93.71	-	-	0.00	0.00	-	0.00
	52	12,081	12,081	<b>0.18</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	53	12,606	12,606	<b>-0.43</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	54	13,102	13,103	<b>-0.97</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	55	13,557	13,557	<b>-1.45</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	56	14,092	14,092	<b>-1.98</b>	108.5	0.00	93.98	-	-	0.00	0.00	-	0.00
	57	12,135	12,136	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	58	12,634	12,634	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	59	13,949	13,950	<b>-1.84</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	60	14,503	14,503	<b>-2.38</b>	108.5	0.00	94.23	-	-	0.00	0.00	-	0.00

Sum 23.14

Project:

20162030 Westwood Red Pine

Licensed user:

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 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H457 H457

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,679	8,679	4.96	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
2	8,946	8,946	4.52	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
3	9,437	9,437	3.73	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
4	8,552	8,553	5.18	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
5	10,174	10,174	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
6	9,257	9,257	4.02	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
7	9,879	9,879	3.07	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
8	10,714	10,714	1.89	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
9	11,544	11,544	0.82	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
10	10,504	10,504	2.18	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
11	8,615	8,615	5.07	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
12	9,263	9,263	4.01	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
13	10,780	10,780	1.80	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
14	11,068	11,068	1.42	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
15	11,715	11,715	0.61	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
16	8,081	8,081	6.02	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
17	8,604	8,604	5.09	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
18	9,051	9,051	4.35	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
19	9,017	9,017	4.40	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
20	9,840	9,840	3.12	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
21	10,801	10,801	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
22	11,963	11,963	0.31	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
23	12,923	12,923	-0.77	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
24	5,330	5,331	12.18	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
25	5,758	5,759	11.04	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
26	6,265	6,265	9.80	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
27	7,596	7,597	6.93	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
28	9,069	9,069	4.32	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
29	8,511	8,511	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
30	9,697	9,697	3.34	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
31	10,081	10,081	2.77	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
32	10,422	10,422	2.29	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
33	10,856	10,856	1.70	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
34	11,354	11,354	1.06	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
35	12,817	12,817	-0.66	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
36	4,767	4,768	13.81	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
37	5,260	5,261	12.37	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
38	7,336	7,336	7.45	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
39	7,777	7,777	6.58	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00
40	8,434	8,434	5.38	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
41	8,480	8,480	5.30	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
42	9,215	9,215	4.08	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
43	6,872	6,872	8.42	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
44	7,635	7,635	6.86	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
45	8,305	8,306	5.61	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
46	6,738	6,739	8.71	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
47	7,452	7,452	7.22	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
48	9,613	9,614	3.46	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
49	11,863	11,863	0.43	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
50	13,068	13,068	-0.93	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
51	13,584	13,584	-1.47	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
52	12,005	12,006	0.26	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
53	12,530	12,530	-0.34	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
54	13,027	13,027	-0.89	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
55	13,483	13,483	-1.37	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
56	14,016	14,016	-1.91	108.5	0.00	93.93	-	-	0.00	0.00	-	0.00
57	12,058	12,058	0.20	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
58	12,556	12,557	-0.37	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
59	13,872	13,873	-1.77	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
60	14,426	14,427	-2.31	108.5	0.00	94.18	-	-	0.00	0.00	-	0.00

Sum 23.24

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H458 H458

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,688	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	2	8,951	8,952	<b>4.51</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	3	9,439	9,439	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
	4	8,554	8,554	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	5	10,169	10,169	<b>2.65</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	6	9,247	9,247	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	7	9,870	9,870	<b>3.08</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
	8	10,701	10,701	<b>1.91</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	9	11,531	11,531	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	10	10,488	10,488	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	11	8,607	8,607	<b>5.09</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	12	9,244	9,244	<b>4.04</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	13	10,757	10,757	<b>1.83</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	14	11,040	11,041	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
	15	11,685	11,685	<b>0.65</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	16	8,057	8,057	<b>6.06</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	17	8,579	8,579	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	18	9,025	9,025	<b>4.39</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	19	8,985	8,985	<b>4.45</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
	20	9,809	9,809	<b>3.17</b>	108.5	0.00	90.83	-	-	0.00	0.00	-	0.00
	21	10,769	10,769	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	22	11,928	11,928	<b>0.36</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	23	12,886	12,886	<b>-0.73</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	24	5,301	5,301	<b>12.26</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
	25	5,726	5,727	<b>11.13</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	26	6,232	6,232	<b>9.87</b>	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
	27	7,558	7,558	<b>7.01</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	28	9,033	9,033	<b>4.37</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	29	8,472	8,473	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	30	9,659	9,659	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	31	10,042	10,042	<b>2.83</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	32	10,380	10,380	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	33	10,815	10,815	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	34	11,315	11,316	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	35	12,777	12,777	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	36	4,720	4,721	<b>13.95</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	37	5,216	5,217	<b>12.50</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	38	7,287	7,287	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	7,731	7,732	<b>6.67</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	40	8,391	8,391	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	41	8,432	8,433	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	42	9,170	9,170	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	43	6,818	6,818	<b>8.54</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	44	7,582	7,582	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
	45	8,252	8,252	<b>5.71</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	46	6,679	6,679	<b>8.85</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	47	7,392	7,393	<b>7.34</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	48	9,555	9,556	<b>3.55</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	49	11,804	11,804	<b>0.50</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
	50	13,010	13,010	<b>-0.87</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	51	13,525	13,525	<b>-1.41</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	52	11,945	11,945	<b>0.33</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	53	12,469	12,469	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	54	12,966	12,966	<b>-0.82</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
	55	13,424	13,424	<b>-1.31</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
	56	13,955	13,955	<b>-1.85</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	57	11,997	11,997	<b>0.27</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	58	12,495	12,495	<b>-0.30</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	59	13,811	13,811	<b>-1.70</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	60	14,365	14,365	<b>-2.25</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 23.32

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H459 H459

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,706	8,706	<b>4.92</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	2	8,969	8,969	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	3	9,456	9,456	<b>3.70</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
	4	8,570	8,571	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	5	10,184	10,184	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	6	9,260	9,260	<b>4.01</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	7	9,884	9,884	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	8	10,714	10,714	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	9	11,544	11,544	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	10	10,499	10,499	<b>2.18</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	11	8,621	8,621	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	12	9,254	9,254	<b>4.02</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
	13	10,766	10,766	<b>1.82</b>	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00
	14	11,048	11,048	<b>1.45</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	15	11,691	11,692	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
	16	8,065	8,066	<b>6.04</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	17	8,588	8,588	<b>5.12</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	18	9,033	9,034	<b>4.37</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	19	8,991	8,991	<b>4.44</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	20	9,815	9,815	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	21	10,774	10,774	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	22	11,932	11,932	<b>0.35</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	23	12,889	12,889	<b>-0.74</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	24	5,307	5,308	<b>12.24</b>	108.5	0.00	85.50	-	-	0.00	0.00	-	0.00
	25	5,732	5,733	<b>11.11</b>	108.5	0.00	86.17	-	-	0.00	0.00	-	0.00
	26	6,237	6,238	<b>9.86</b>	108.5	0.00	86.90	-	-	0.00	0.00	-	0.00
	27	7,560	7,560	<b>7.00</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	28	9,037	9,038	<b>4.37</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	29	8,475	8,475	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	30	9,662	9,662	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	31	10,044	10,044	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	32	10,382	10,382	<b>2.35</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	33	10,817	10,817	<b>1.75</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	34	11,318	11,318	<b>1.10</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	35	12,779	12,779	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
	36	4,718	4,719	<b>13.95</b>	108.5	0.00	84.48	-	-	0.00	0.00	-	0.00
	37	5,216	5,217	<b>12.50</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	38	7,284	7,285	<b>7.56</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	7,731	7,731	<b>6.67</b>	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
	40	8,391	8,391	<b>5.46</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	41	8,431	8,431	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	42	9,169	9,169	<b>4.15</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	43	6,812	6,812	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	44	7,577	7,577	<b>6.97</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	45	8,246	8,246	<b>5.72</b>	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
	46	6,667	6,668	<b>8.87</b>	108.5	0.00	87.48	-	-	0.00	0.00	-	0.00
	47	7,381	7,381	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	48	9,546	9,546	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
	49	11,793	11,793	<b>0.52</b>	108.5	0.00	92.43	-	-	0.00	0.00	-	0.00
	50	13,000	13,000	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	51	13,514	13,514	<b>-1.40</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	52	11,933	11,933	<b>0.35</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
	53	12,456	12,456	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	54	12,953	12,953	<b>-0.81</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	55	13,412	13,412	<b>-1.30</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
	56	13,942	13,942	<b>-1.83</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	57	11,980	11,981	<b>0.29</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	58	12,479	12,480	<b>-0.28</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	59	13,797	13,797	<b>-1.69</b>	108.5	0.00	93.80	-	-	0.00	0.00	-	0.00
	60	14,351	14,351	<b>-2.23</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00

Sum 23.31

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H460 H460

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,759	8,759	<b>4.83</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	2	9,021	9,021	<b>4.39</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	3	9,506	9,506	<b>3.63</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
	4	8,620	8,620	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	5	10,229	10,230	<b>2.56</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	6	9,303	9,303	<b>3.94</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	7	9,928	9,928	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	8	10,755	10,755	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	9	11,584	11,584	<b>0.77</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	10	10,537	10,537	<b>2.13</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	11	8,665	8,665	<b>4.99</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	12	9,290	9,290	<b>3.96</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	13	10,799	10,799	<b>1.78</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	14	11,076	11,076	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	15	11,718	11,718	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	16	8,097	8,097	<b>5.99</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	17	8,619	8,620	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	18	9,064	9,064	<b>4.32</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	19	9,015	9,016	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	20	9,839	9,839	<b>3.12</b>	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	21	10,798	10,798	<b>1.78</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	22	11,953	11,953	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	23	12,908	12,908	<b>-0.76</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
	24	5,334	5,334	<b>12.17</b>	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
	25	5,757	5,757	<b>11.05</b>	108.5	0.00	86.20	-	-	0.00	0.00	-	0.00
	26	6,261	6,261	<b>9.81</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	27	7,577	7,577	<b>6.97</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
	28	9,058	9,058	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	29	8,493	8,493	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	30	9,680	9,680	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
	31	10,060	10,060	<b>2.80</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	32	10,395	10,395	<b>2.33</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	33	10,831	10,831	<b>1.73</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	34	11,335	11,335	<b>1.08</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	35	12,794	12,794	<b>-0.63</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	36	4,724	4,725	<b>13.94</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
	37	5,226	5,227	<b>12.47</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
	38	7,287	7,288	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
	39	7,739	7,739	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	40	8,402	8,402	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	41	8,436	8,436	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	42	9,177	9,177	<b>4.14</b>	108.5	0.00	90.25	-	-	0.00	0.00	-	0.00
	43	6,805	6,806	<b>8.57</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	44	7,572	7,573	<b>6.98</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
	45	8,241	8,241	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	46	6,646	6,646	<b>8.92</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	47	7,359	7,360	<b>7.40</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	48	9,530	9,531	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	49	11,773	11,773	<b>0.54</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	50	12,984	12,984	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	51	13,495	13,495	<b>-1.38</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
	52	11,909	11,909	<b>0.38</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	53	12,429	12,429	<b>-0.23</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	54	12,927	12,927	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	55	13,391	13,391	<b>-1.27</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	56	13,917	13,917	<b>-1.81</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	57	11,945	11,946	<b>0.33</b>	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00
	58	12,445	12,445	<b>-0.24</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	59	13,766	13,766	<b>-1.66</b>	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
	60	14,321	14,321	<b>-2.21</b>	108.5	0.00	94.12	-	-	0.00	0.00	-	0.00

Sum 23.28



Project:

20162030 Westwood Red Pine

Licensed user:

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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H461 H461

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,786	8,786	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
2	9,047	9,048	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
3	9,532	9,532	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
4	8,646	8,646	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
5	10,253	10,253	<b>2.53</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
6	9,325	9,325	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
7	9,951	9,951	<b>2.96</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
8	10,777	10,777	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
9	11,605	11,605	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
10	10,557	10,557	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
11	8,688	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
12	9,309	9,309	<b>3.93</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
13	10,816	10,816	<b>1.75</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
14	11,091	11,091	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
15	11,732	11,732	<b>0.59</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
16	8,114	8,114	<b>5.96</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
17	8,636	8,636	<b>5.04</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
18	9,080	9,080	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
19	9,028	9,028	<b>4.38</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
20	9,852	9,852	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
21	10,810	10,810	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
22	11,963	11,963	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
23	12,917	12,917	<b>-0.77</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
24	5,348	5,348	<b>12.13</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
25	5,770	5,770	<b>11.01</b>	108.5	0.00	86.22	-	-	0.00	0.00	-	0.00
26	6,273	6,273	<b>9.78</b>	108.5	0.00	86.95	-	-	0.00	0.00	-	0.00
27	7,585	7,586	<b>6.95</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
28	9,068	9,068	<b>4.32</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
29	8,502	8,502	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
30	9,689	9,689	<b>3.35</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
31	10,068	10,068	<b>2.79</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
32	10,402	10,402	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
33	10,838	10,838	<b>1.73</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
34	11,344	11,344	<b>1.07</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
35	12,801	12,801	<b>-0.64</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
36	4,727	4,728	<b>13.93</b>	108.5	0.00	84.49	-	-	0.00	0.00	-	0.00
37	5,231	5,232	<b>12.45</b>	108.5	0.00	85.37	-	-	0.00	0.00	-	0.00
38	7,289	7,289	<b>7.55</b>	108.5	0.00	88.25	-	-	0.00	0.00	-	0.00
39	7,743	7,743	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
40	8,407	8,407	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
41	8,438	8,438	<b>5.38</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
42	9,181	9,181	<b>4.14</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
43	6,801	6,802	<b>8.58</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
44	7,570	7,570	<b>6.99</b>	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
45	8,238	8,238	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
46	6,635	6,635	<b>8.94</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
47	7,348	7,348	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
48	9,522	9,522	<b>3.60</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
49	11,762	11,762	<b>0.55</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
50	12,975	12,975	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
51	13,484	13,484	<b>-1.37</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
52	11,896	11,896	<b>0.39</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
53	12,415	12,415	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
54	12,913	12,913	<b>-0.76</b>	108.5	0.00	93.22	-	-	0.00	0.00	-	0.00
55	13,379	13,379	<b>-1.26</b>	108.5	0.00	93.53	-	-	0.00	0.00	-	0.00
56	13,903	13,903	<b>-1.80</b>	108.5	0.00	93.86	-	-	0.00	0.00	-	0.00
57	11,927	11,927	<b>0.36</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
58	12,426	12,427	<b>-0.22</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
59	13,749	13,749	<b>-1.64</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00
60	14,305	14,305	<b>-2.19</b>	108.5	0.00	94.11	-	-	0.00	0.00	-	0.00

Sum 23.27

Project:

20162030 Westwood Red Pine

Licensed user:

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6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H462 H462

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8,815	8,815	4.73	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
2	9,075	9,075	4.31	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
3	9,559	9,559	3.55	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
4	8,672	8,673	4.97	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
5	10,278	10,278	2.49	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
6	9,348	9,348	3.87	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
7	9,974	9,974	2.93	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
8	10,799	10,799	1.78	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
9	11,627	11,627	0.72	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
10	10,577	10,577	2.08	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
11	8,711	8,711	4.91	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
12	9,328	9,328	3.90	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
13	10,833	10,833	1.73	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
14	11,106	11,106	1.37	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
15	11,746	11,746	0.57	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
16	8,131	8,131	5.93	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
17	8,653	8,653	5.01	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
18	9,096	9,096	4.27	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
19	9,041	9,041	4.36	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
20	9,865	9,866	3.09	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
21	10,823	10,823	1.75	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
22	11,974	11,974	0.30	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
23	12,927	12,927	-0.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
24	5,362	5,363	12.09	108.5	0.00	85.59	-	-	0.00	0.00	-	0.00
25	5,783	5,784	10.98	108.5	0.00	86.24	-	-	0.00	0.00	-	0.00
26	6,285	6,286	9.75	108.5	0.00	86.97	-	-	0.00	0.00	-	0.00
27	7,594	7,595	6.94	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
28	9,079	9,079	4.30	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
29	8,511	8,511	5.25	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
30	9,699	9,699	3.33	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
31	10,076	10,076	2.78	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
32	10,409	10,409	2.31	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
33	10,845	10,845	1.72	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
34	11,353	11,353	1.06	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
35	12,809	12,809	-0.65	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
36	4,731	4,731	13.92	108.5	0.00	84.50	-	-	0.00	0.00	-	0.00
37	5,237	5,237	12.44	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
38	7,290	7,290	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
39	7,747	7,747	6.64	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
40	8,413	8,413	5.42	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
41	8,441	8,441	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
42	9,185	9,185	4.13	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
43	6,798	6,798	8.58	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
44	7,567	7,567	6.99	108.5	0.00	88.58	-	-	0.00	0.00	-	0.00
45	8,235	8,235	5.74	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
46	6,623	6,623	8.97	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
47	7,336	7,336	7.45	108.5	0.00	88.31	-	-	0.00	0.00	-	0.00
48	9,513	9,514	3.62	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
49	11,751	11,751	0.57	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
50	12,966	12,966	-0.82	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
51	13,473	13,473	-1.36	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
52	11,882	11,882	0.41	108.5	0.00	92.50	-	-	0.00	0.00	-	0.00
53	12,400	12,400	-0.19	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
54	12,899	12,899	-0.75	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
55	13,367	13,367	-1.25	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
56	13,888	13,888	-1.78	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
57	11,907	11,908	0.38	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
58	12,407	12,408	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
59	13,732	13,732	-1.62	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00
60	14,288	14,289	-2.17	108.5	0.00	94.10	-	-	0.00	0.00	-	0.00
Sum	23.25											

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H463 H463

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,839	8,839	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
2	9,102	9,103	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
3	9,589	9,590	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
4	8,704	8,704	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
5	10,316	10,316	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
6	9,390	9,390	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
7	10,015	10,015	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
8	10,843	10,843	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
9	11,672	11,672	<b>0.66</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
10	10,625	10,625	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
11	8,752	8,752	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
12	9,378	9,378	<b>3.82</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
13	10,886	10,886	<b>1.66</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
14	11,163	11,163	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
15	11,804	11,804	<b>0.50</b>	108.5	0.00	92.44	-	-	0.00	0.00	-	0.00
16	8,185	8,185	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
17	8,707	8,707	<b>4.92</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
18	9,151	9,151	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
19	9,101	9,101	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
20	9,925	9,925	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
21	10,883	10,883	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
22	12,036	12,036	<b>0.23</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
23	12,990	12,990	<b>-0.85</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
24	5,420	5,420	<b>11.93</b>	108.5	0.00	85.68	-	-	0.00	0.00	-	0.00
25	5,842	5,843	<b>10.83</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
26	6,345	6,346	<b>9.61</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
27	7,658	7,658	<b>6.81</b>	108.5	0.00	88.68	-	-	0.00	0.00	-	0.00
28	9,141	9,141	<b>4.20</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
29	8,574	8,575	<b>5.14</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
30	9,762	9,762	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
31	10,141	10,141	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
32	10,474	10,474	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
33	10,910	10,910	<b>1.63</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
34	11,416	11,416	<b>0.98</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
35	12,874	12,874	<b>-0.72</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
36	4,798	4,799	<b>13.71</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
37	5,303	5,304	<b>12.25</b>	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
38	7,358	7,359	<b>7.41</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
39	7,814	7,814	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
40	8,479	8,479	<b>5.31</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
41	8,508	8,509	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
42	9,252	9,252	<b>4.02</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
43	6,867	6,868	<b>8.43</b>	108.5	0.00	87.74	-	-	0.00	0.00	-	0.00
44	7,636	7,637	<b>6.86</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
45	8,304	8,304	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
46	6,690	6,691	<b>8.82</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
47	7,403	7,403	<b>7.32</b>	108.5	0.00	88.39	-	-	0.00	0.00	-	0.00
48	9,582	9,582	<b>3.51</b>	108.5	0.00	90.63	-	-	0.00	0.00	-	0.00
49	11,818	11,819	<b>0.49</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
50	13,034	13,034	<b>-0.90</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
51	13,541	13,541	<b>-1.43</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
52	11,948	11,948	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
53	12,465	12,465	<b>-0.27</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
54	12,964	12,964	<b>-0.82</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
55	13,434	13,434	<b>-1.32</b>	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00
56	13,954	13,954	<b>-1.85</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
57	11,967	11,968	<b>0.31</b>	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
58	12,468	12,468	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
59	13,795	13,795	<b>-1.69</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
60	14,352	14,352	<b>-2.24</b>	108.5	0.00	94.14	-	-	0.00	0.00	-	0.00

Sum 23.13

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H464 H464

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,796	8,796	4.76	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00	
2	9,055	9,055	4.34	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00	
3	9,536	9,537	3.58	108.5	0.00	90.59	-	-	0.00	0.00	-	0.00	
4	8,649	8,650	5.01	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00	
5	10,251	10,251	2.53	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00	
6	9,319	9,319	3.92	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00	
7	9,946	9,946	2.97	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00	
8	10,768	10,768	1.82	108.5	0.00	91.64	-	-	0.00	0.00	-	0.00	
9	11,596	11,596	0.76	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00	
10	10,544	10,544	2.12	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00	
11	8,683	8,683	4.96	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00	
12	9,294	9,294	3.96	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00	
13	10,797	10,797	1.78	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00	
14	11,068	11,068	1.42	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00	
15	11,707	11,707	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00	
16	8,094	8,094	5.99	108.5	0.00	89.16	-	-	0.00	0.00	-	0.00	
17	8,616	8,616	5.07	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00	
18	9,059	9,059	4.33	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00	
19	9,002	9,002	4.42	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00	
20	9,826	9,826	3.14	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00	
21	10,783	10,783	1.80	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00	
22	11,933	11,933	0.35	108.5	0.00	92.54	-	-	0.00	0.00	-	0.00	
23	12,886	12,886	-0.73	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00	
24	5,324	5,324	12.20	108.5	0.00	85.53	-	-	0.00	0.00	-	0.00	
25	5,744	5,744	11.08	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00	
26	6,246	6,246	9.84	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00	
27	7,553	7,553	7.02	108.5	0.00	88.56	-	-	0.00	0.00	-	0.00	
28	9,038	9,038	4.37	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00	
29	8,469	8,470	5.32	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00	
30	9,657	9,658	3.40	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00	
31	10,034	10,034	2.84	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00	
32	10,366	10,366	2.37	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00	
33	10,802	10,802	1.77	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00	
34	11,311	11,311	1.11	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00	
35	12,767	12,767	-0.60	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00	
36	4,687	4,688	14.05	108.5	0.00	84.42	-	-	0.00	0.00	-	0.00	
37	5,194	5,194	12.56	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00	
38	7,246	7,247	7.63	108.5	0.00	88.20	-	-	0.00	0.00	-	0.00	
39	7,704	7,704	6.72	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00	
40	8,370	8,370	5.50	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00	
41	8,397	8,397	5.45	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00	
42	9,141	9,141	4.20	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00	
43	6,754	6,754	8.68	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00	
44	7,523	7,523	7.08	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00	
45	8,191	8,191	5.82	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00	
46	6,581	6,582	9.06	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00	
47	7,294	7,295	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00	
48	9,471	9,471	3.68	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00	
49	11,709	11,709	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00	
50	12,923	12,923	-0.78	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00	
51	13,431	13,432	-1.32	108.5	0.00	93.56	-	-	0.00	0.00	-	0.00	
52	11,842	11,842	0.46	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00	
53	12,361	12,361	-0.15	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00	
54	12,859	12,859	-0.71	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00	
55	13,326	13,326	-1.20	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00	
56	13,848	13,848	-1.74	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00	
57	11,871	11,872	0.42	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00	
58	12,371	12,371	-0.16	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00	
59	13,694	13,694	-1.59	108.5	0.00	93.73	-	-	0.00	0.00	-	0.00	
60	14,250	14,250	-2.14	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00	

Sum 23.34

**DECIBEL - Detailed results**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H465 H465

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,774	8,774	<b>4.80</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
2	9,030	9,030	<b>4.38</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
3	9,508	9,508	<b>3.62</b>	108.5	0.00	90.56	-	-	0.00	0.00	-	0.00
4	8,620	8,621	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
5	10,216	10,216	<b>2.58</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
6	9,279	9,279	<b>3.98</b>	108.5	0.00	90.35	-	-	0.00	0.00	-	0.00
7	9,907	9,907	<b>3.02</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
8	10,726	10,726	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
9	11,553	11,553	<b>0.81</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
10	10,499	10,499	<b>2.18</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
11	8,645	8,645	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
12	9,247	9,247	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
13	10,747	10,747	<b>1.85</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
14	11,014	11,014	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
15	11,652	11,652	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
16	8,043	8,043	<b>6.09</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
17	8,565	8,565	<b>5.16</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
18	9,007	9,007	<b>4.42</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
19	8,945	8,945	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
20	9,770	9,770	<b>3.23</b>	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
21	10,726	10,726	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
22	11,874	11,874	<b>0.42</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
23	12,826	12,826	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
24	5,269	5,270	<b>12.35</b>	108.5	0.00	85.44	-	-	0.00	0.00	-	0.00
25	5,688	5,688	<b>11.22</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
26	6,189	6,189	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
27	7,492	7,492	<b>7.14</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
28	8,979	8,979	<b>4.46</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
29	8,409	8,409	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
30	9,597	9,597	<b>3.49</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
31	9,973	9,973	<b>2.93</b>	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
32	10,304	10,304	<b>2.45</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
33	10,740	10,740	<b>1.86</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
34	11,250	11,250	<b>1.19</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
35	12,705	12,705	<b>-0.54</b>	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
36	4,623	4,623	<b>14.25</b>	108.5	0.00	84.30	-	-	0.00	0.00	-	0.00
37	5,130	5,131	<b>12.74</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
38	7,181	7,181	<b>7.77</b>	108.5	0.00	88.12	-	-	0.00	0.00	-	0.00
39	7,640	7,640	<b>6.85</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
40	8,307	8,307	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
41	8,332	8,332	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
42	9,077	9,077	<b>4.30</b>	108.5	0.00	90.16	-	-	0.00	0.00	-	0.00
43	6,688	6,688	<b>8.83</b>	108.5	0.00	87.51	-	-	0.00	0.00	-	0.00
44	7,457	7,457	<b>7.21</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
45	8,125	8,125	<b>5.94</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
46	6,517	6,518	<b>9.21</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
47	7,230	7,231	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
48	9,405	9,405	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
49	11,645	11,645	<b>0.70</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
50	12,858	12,858	<b>-0.70</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
51	13,367	13,367	<b>-1.25</b>	108.5	0.00	93.52	-	-	0.00	0.00	-	0.00
52	11,778	11,779	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
53	12,298	12,299	<b>-0.08</b>	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
54	12,796	12,796	<b>-0.64</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
55	13,262	13,262	<b>-1.14</b>	108.5	0.00	93.45	-	-	0.00	0.00	-	0.00
56	13,786	13,786	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
57	11,814	11,814	<b>0.49</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
58	12,313	12,314	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
59	13,634	13,634	<b>-1.52</b>	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
60	14,190	14,190	<b>-2.08</b>	108.5	0.00	94.04	-	-	0.00	0.00	-	0.00

Sum 23.46

Project:

### 20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H466 H466

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,747	8,747	<b>4.85</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
2	9,001	9,001	<b>4.43</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
3	9,477	9,477	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
4	8,589	8,589	<b>5.12</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
5	10,181	10,181	<b>2.63</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
6	9,242	9,242	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
7	9,870	9,870	<b>3.08</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
8	10,687	10,687	<b>1.93</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
9	11,514	11,514	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
10	10,458	10,458	<b>2.24</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
11	8,608	8,608	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
12	9,204	9,204	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
13	10,703	10,703	<b>1.90</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
14	10,969	10,969	<b>1.55</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
15	11,606	11,606	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
16	7,999	7,999	<b>6.17</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
17	8,521	8,521	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
18	8,962	8,962	<b>4.49</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
19	8,899	8,899	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
20	9,723	9,723	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
21	10,679	10,679	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
22	11,827	11,827	<b>0.48</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
23	12,778	12,778	<b>-0.62</b>	108.5	0.00	93.13	-	-	0.00	0.00	-	0.00
24	5,223	5,224	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
25	5,642	5,642	<b>11.35</b>	108.5	0.00	86.03	-	-	0.00	0.00	-	0.00
26	6,142	6,142	<b>10.09</b>	108.5	0.00	86.77	-	-	0.00	0.00	-	0.00
27	7,444	7,444	<b>7.23</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00
28	8,931	8,931	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
29	8,361	8,361	<b>5.51</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
30	9,549	9,549	<b>3.56</b>	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
31	9,925	9,925	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
32	10,255	10,256	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
33	10,692	10,692	<b>1.92</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
34	11,202	11,202	<b>1.25</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
35	12,657	12,657	<b>-0.48</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
36	4,574	4,575	<b>14.40</b>	108.5	0.00	84.21	-	-	0.00	0.00	-	0.00
37	5,082	5,082	<b>12.88</b>	108.5	0.00	85.12	-	-	0.00	0.00	-	0.00
38	7,132	7,133	<b>7.87</b>	108.5	0.00	88.07	-	-	0.00	0.00	-	0.00
39	7,591	7,591	<b>6.94</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
40	8,258	8,258	<b>5.70</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
41	8,283	8,284	<b>5.65</b>	108.5	0.00	89.36	-	-	0.00	0.00	-	0.00
42	9,028	9,029	<b>4.38</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
43	6,640	6,641	<b>8.93</b>	108.5	0.00	87.44	-	-	0.00	0.00	-	0.00
44	7,409	7,410	<b>7.30</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
45	8,077	8,077	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
46	6,475	6,475	<b>9.31</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
47	7,188	7,188	<b>7.75</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
48	9,360	9,361	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
49	11,602	11,602	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
50	12,814	12,814	<b>-0.66</b>	108.5	0.00	93.15	-	-	0.00	0.00	-	0.00
51	13,324	13,324	<b>-1.20</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
52	11,737	11,738	<b>0.58</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
53	12,259	12,259	<b>-0.03</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
54	12,756	12,756	<b>-0.59</b>	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
55	13,219	13,220	<b>-1.09</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
56	13,746	13,746	<b>-1.64</b>	108.5	0.00	93.76	-	-	0.00	0.00	-	0.00
57	11,780	11,780	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
58	12,279	12,279	<b>-0.06</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
59	13,597	13,597	<b>-1.49</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
60	14,152	14,152	<b>-2.04</b>	108.5	0.00	94.02	-	-	0.00	0.00	-	0.00

Sum 23.56

Project:

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6/30/2016 1:41 PM/3.0.654

DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H467 H467

Table with columns: No., Distance [m], Sound distance [m], 95% rated power Calculated [dB(A)], LwA,ref [dB(A)], Dc [dB], Adiv [dB], Aatm [dB], Agr [dB], Abar [dB], Amisc [dB], A [dB], Cmet [dB]. Rows 1-60 with numerical data.

Sum 23.69



Project:

20162030 Westwood Red Pine

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Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H468 H468

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,701	8,701	4.92	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
2	8,950	8,951	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
3	9,421	9,421	3.76	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
4	8,531	8,532	5.21	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
5	10,112	10,112	2.73	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
6	9,166	9,166	4.16	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
7	9,796	9,796	3.19	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
8	10,607	10,607	2.03	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
9	11,433	11,433	0.96	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
10	10,372	10,372	2.36	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
11	8,535	8,535	5.21	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
12	9,115	9,115	4.24	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
13	10,608	10,609	2.03	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
14	10,868	10,868	1.69	108.5	0.00	91.72	-	-	0.00	0.00	-	0.00
15	11,503	11,503	0.87	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
16	7,903	7,904	6.35	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
17	8,424	8,424	5.40	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
18	8,865	8,865	4.65	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
19	8,794	8,794	4.77	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
20	9,619	9,619	3.45	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
21	10,573	10,573	2.08	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
22	11,718	11,718	0.61	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
23	12,667	12,667	-0.49	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
24	5,122	5,122	12.76	108.5	0.00	85.19	-	-	0.00	0.00	-	0.00
25	5,538	5,538	11.62	108.5	0.00	85.87	-	-	0.00	0.00	-	0.00
26	6,036	6,037	10.35	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
27	7,332	7,332	7.46	108.5	0.00	88.30	-	-	0.00	0.00	-	0.00
28	8,822	8,822	4.72	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
29	8,250	8,250	5.71	108.5	0.00	89.33	-	-	0.00	0.00	-	0.00
30	9,438	9,438	3.73	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
31	9,812	9,812	3.16	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
32	10,141	10,141	2.68	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
33	10,578	10,578	2.07	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
34	11,090	11,090	1.39	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
35	12,543	12,543	-0.36	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
36	4,457	4,457	14.77	108.5	0.00	83.98	-	-	0.00	0.00	-	0.00
37	4,966	4,967	13.21	108.5	0.00	84.92	-	-	0.00	0.00	-	0.00
38	7,014	7,014	8.12	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
39	7,474	7,475	7.17	108.5	0.00	88.47	-	-	0.00	0.00	-	0.00
40	8,143	8,143	5.90	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
41	8,166	8,166	5.86	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
42	8,912	8,912	4.57	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
43	6,522	6,522	9.20	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
44	7,290	7,291	7.54	108.5	0.00	88.26	-	-	0.00	0.00	-	0.00
45	7,958	7,959	6.24	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
46	6,362	6,362	9.57	108.5	0.00	87.07	-	-	0.00	0.00	-	0.00
47	7,075	7,076	7.99	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00
48	9,244	9,245	4.03	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
49	11,488	11,488	0.89	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
50	12,698	12,698	-0.53	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
51	13,210	13,210	-1.08	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
52	11,627	11,627	0.72	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
53	12,150	12,150	0.09	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
54	12,647	12,647	-0.47	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
55	13,107	13,107	-0.97	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
56	13,637	13,637	-1.53	108.5	0.00	93.69	-	-	0.00	0.00	-	0.00
57	11,681	11,682	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
58	12,180	12,180	0.06	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
59	13,493	13,493	-1.38	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
60	14,047	14,047	-1.94	108.5	0.00	93.95	-	-	0.00	0.00	-	0.00

Sum 23.80



Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H469 H469

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,673	8,673	<b>4.97</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	2	8,920	8,920	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	3	9,387	9,387	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	4	8,498	8,498	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	5	10,073	10,073	<b>2.78</b>	108.5	0.00	91.06	-	-	0.00	0.00	-	0.00
	6	9,123	9,123	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	7	9,754	9,755	<b>3.25</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	8	10,563	10,563	<b>2.10</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
	9	11,387	11,387	<b>1.02</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	10	10,324	10,324	<b>2.43</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	11	8,494	8,494	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	12	9,066	9,066	<b>4.32</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
	13	10,557	10,557	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	14	10,813	10,813	<b>1.76</b>	108.5	0.00	91.68	-	-	0.00	0.00	-	0.00
	15	11,447	11,447	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00
	16	7,851	7,851	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	17	8,372	8,372	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	18	8,812	8,812	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	19	8,738	8,738	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	20	9,563	9,563	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	21	10,516	10,516	<b>2.16</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	22	11,660	11,660	<b>0.68</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	23	12,608	12,609	<b>-0.43</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	24	5,067	5,068	<b>12.92</b>	108.5	0.00	85.10	-	-	0.00	0.00	-	0.00
	25	5,482	5,482	<b>11.77</b>	108.5	0.00	85.78	-	-	0.00	0.00	-	0.00
	26	5,980	5,980	<b>10.49</b>	108.5	0.00	86.53	-	-	0.00	0.00	-	0.00
	27	7,273	7,273	<b>7.58</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	28	8,764	8,764	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	29	8,191	8,191	<b>5.82</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
	30	9,380	9,380	<b>3.82</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	31	9,753	9,753	<b>3.25</b>	108.5	0.00	90.78	-	-	0.00	0.00	-	0.00
	32	10,081	10,081	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	33	10,518	10,518	<b>2.16</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	34	11,031	11,031	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
	35	12,484	12,484	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	36	4,396	4,397	<b>14.97</b>	108.5	0.00	83.86	-	-	0.00	0.00	-	0.00
	37	4,906	4,906	<b>13.39</b>	108.5	0.00	84.82	-	-	0.00	0.00	-	0.00
	38	6,953	6,953	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	39	7,414	7,414	<b>7.29</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	40	8,082	8,082	<b>6.01</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	41	8,104	8,105	<b>5.97</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
	42	8,851	8,851	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	43	6,461	6,462	<b>9.34</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
	44	7,230	7,230	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	45	7,898	7,898	<b>6.36</b>	108.5	0.00	88.95	-	-	0.00	0.00	-	0.00
	46	6,306	6,307	<b>9.70</b>	108.5	0.00	87.00	-	-	0.00	0.00	-	0.00
	47	7,020	7,020	<b>8.11</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
	48	9,186	9,186	<b>4.13</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	49	11,432	11,432	<b>0.96</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	50	12,640	12,640	<b>-0.46</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
	51	13,153	13,153	<b>-1.02</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	52	11,573	11,573	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	53	12,097	12,097	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	54	12,594	12,594	<b>-0.41</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	55	13,051	13,051	<b>-0.91</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
	56	13,583	13,583	<b>-1.47</b>	108.5	0.00	93.66	-	-	0.00	0.00	-	0.00
	57	11,634	11,635	<b>0.71</b>	108.5	0.00	92.32	-	-	0.00	0.00	-	0.00
	58	12,132	12,132	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	59	13,443	13,443	<b>-1.33</b>	108.5	0.00	93.57	-	-	0.00	0.00	-	0.00
	60	13,996	13,996	<b>-1.89</b>	108.5	0.00	93.92	-	-	0.00	0.00	-	0.00

Sum 23.92

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H470 H470

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,651	8,651	<b>5.01</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	2	8,896	8,896	<b>4.60</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	3	9,361	9,361	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	4	8,471	8,471	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	5	10,042	10,043	<b>2.83</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
	6	9,090	9,090	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
	7	9,722	9,722	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	8	10,528	10,528	<b>2.14</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	9	11,352	11,352	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	10	10,288	10,288	<b>2.48</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
	11	8,462	8,462	<b>5.34</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
	12	9,028	9,028	<b>4.38</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	13	10,518	10,518	<b>2.16</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	14	10,772	10,772	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	15	11,405	11,405	<b>0.99</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	16	7,812	7,812	<b>6.52</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	17	8,332	8,332	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	18	8,771	8,771	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	19	8,695	8,696	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	20	9,520	9,520	<b>3.60</b>	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	21	10,473	10,473	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	22	11,616	11,616	<b>0.73</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	23	12,565	12,565	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	24	5,026	5,026	<b>13.04</b>	108.5	0.00	85.03	-	-	0.00	0.00	-	0.00
	25	5,440	5,440	<b>11.88</b>	108.5	0.00	85.71	-	-	0.00	0.00	-	0.00
	26	5,937	5,938	<b>10.59</b>	108.5	0.00	86.47	-	-	0.00	0.00	-	0.00
	27	7,229	7,229	<b>7.67</b>	108.5	0.00	88.18	-	-	0.00	0.00	-	0.00
	28	8,721	8,721	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
	29	8,147	8,147	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	30	9,336	9,336	<b>3.89</b>	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	31	9,709	9,709	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	32	10,036	10,037	<b>2.84</b>	108.5	0.00	91.03	-	-	0.00	0.00	-	0.00
	33	10,473	10,473	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
	34	10,987	10,987	<b>1.53</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
	35	12,439	12,439	<b>-0.24</b>	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
	36	4,351	4,351	<b>15.12</b>	108.5	0.00	83.77	-	-	0.00	0.00	-	0.00
	37	4,861	4,861	<b>13.52</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
	38	6,908	6,908	<b>8.34</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	39	7,368	7,369	<b>7.39</b>	108.5	0.00	88.35	-	-	0.00	0.00	-	0.00
	40	8,037	8,037	<b>6.10</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	41	8,059	8,059	<b>6.06</b>	108.5	0.00	89.13	-	-	0.00	0.00	-	0.00
	42	8,805	8,806	<b>4.75</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	43	6,417	6,417	<b>9.44</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	44	7,185	7,185	<b>7.76</b>	108.5	0.00	88.13	-	-	0.00	0.00	-	0.00
	45	7,853	7,853	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	46	6,266	6,266	<b>9.79</b>	108.5	0.00	86.94	-	-	0.00	0.00	-	0.00
	47	6,979	6,980	<b>8.19</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
	48	9,144	9,144	<b>4.19</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	49	11,391	11,391	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	50	12,598	12,598	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	51	13,112	13,112	<b>-0.98</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	52	11,533	11,533	<b>0.83</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	53	12,059	12,059	<b>0.20</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	54	12,555	12,556	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	55	13,011	13,011	<b>-0.87</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	56	13,545	13,545	<b>-1.43</b>	108.5	0.00	93.64	-	-	0.00	0.00	-	0.00
	57	11,601	11,601	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	58	12,098	12,099	<b>0.15</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	59	13,407	13,407	<b>-1.29</b>	108.5	0.00	93.55	-	-	0.00	0.00	-	0.00
	60	13,959	13,959	<b>-1.85</b>	108.5	0.00	93.90	-	-	0.00	0.00	-	0.00

Sum 24.02

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H471 H471

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,592	8,592	<b>5.11</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	2	8,833	8,833	<b>4.70</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
	3	9,294	9,294	<b>3.96</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	4	8,403	8,404	<b>5.44</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	5	9,967	9,967	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	6	9,010	9,010	<b>4.41</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
	7	9,644	9,644	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	8	10,446	10,446	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	9	11,269	11,269	<b>1.17</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
	10	10,202	10,202	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
	11	8,384	8,384	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
	12	8,940	8,941	<b>4.53</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	13	10,427	10,427	<b>2.28</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	14	10,679	10,679	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	15	11,311	11,311	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	16	7,721	7,721	<b>6.69</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	17	8,241	8,241	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	18	8,679	8,680	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	19	8,600	8,601	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
	20	9,425	9,425	<b>3.75</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	21	10,378	10,378	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	22	11,520	11,520	<b>0.85</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	23	12,468	12,468	<b>-0.27</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	24	4,932	4,933	<b>13.31</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	25	5,345	5,346	<b>12.14</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00
	26	5,842	5,843	<b>10.83</b>	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	27	7,132	7,132	<b>7.87</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
	28	8,624	8,624	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
	29	8,050	8,050	<b>6.07</b>	108.5	0.00	89.12	-	-	0.00	0.00	-	0.00
	30	9,239	9,239	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	31	9,611	9,612	<b>3.47</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	32	9,939	9,939	<b>2.98</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
	33	10,376	10,376	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
	34	10,889	10,890	<b>1.66</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	35	12,342	12,342	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	36	4,254	4,255	<b>15.44</b>	108.5	0.00	83.58	-	-	0.00	0.00	-	0.00
	37	4,764	4,764	<b>13.82</b>	108.5	0.00	84.56	-	-	0.00	0.00	-	0.00
	38	6,812	6,812	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	39	7,271	7,272	<b>7.58</b>	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	40	7,940	7,940	<b>6.28</b>	108.5	0.00	89.00	-	-	0.00	0.00	-	0.00
	41	7,963	7,963	<b>6.23</b>	108.5	0.00	89.02	-	-	0.00	0.00	-	0.00
	42	8,709	8,709	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	43	6,325	6,326	<b>9.65</b>	108.5	0.00	87.02	-	-	0.00	0.00	-	0.00
	44	7,092	7,093	<b>7.95</b>	108.5	0.00	88.02	-	-	0.00	0.00	-	0.00
	45	7,761	7,761	<b>6.62</b>	108.5	0.00	88.80	-	-	0.00	0.00	-	0.00
	46	6,187	6,187	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	47	6,901	6,901	<b>8.36</b>	108.5	0.00	87.78	-	-	0.00	0.00	-	0.00
	48	9,059	9,059	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
	49	11,310	11,310	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	50	12,514	12,514	<b>-0.32</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	51	13,031	13,031	<b>-0.89</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
	52	11,457	11,458	<b>0.93</b>	108.5	0.00	92.18	-	-	0.00	0.00	-	0.00
	53	11,986	11,986	<b>0.29</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	54	12,482	12,482	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	55	12,932	12,932	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	56	13,471	13,471	<b>-1.36</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	57	11,540	11,541	<b>0.83</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	58	12,037	12,037	<b>0.23</b>	108.5	0.00	92.61	-	-	0.00	0.00	-	0.00
	59	13,339	13,340	<b>-1.22</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	60	13,890	13,891	<b>-1.78</b>	108.5	0.00	93.85	-	-	0.00	0.00	-	0.00
Sum		24.23											

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

### DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H472 H472

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,626	8,627	5.05	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
2	8,863	8,863	4.65	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
3	9,317	9,317	3.92	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
4	8,425	8,425	5.40	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
5	9,976	9,976	2.92	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
6	9,009	9,009	4.41	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
7	9,645	9,645	3.41	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
8	10,439	10,439	2.27	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
9	11,261	11,261	1.18	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
10	10,187	10,187	2.62	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
11	8,387	8,387	5.47	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
12	8,920	8,920	4.56	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
13	10,398	10,398	2.32	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
14	10,640	10,640	1.99	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
15	11,268	11,268	1.17	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
16	7,691	7,691	6.75	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
17	8,210	8,210	5.78	108.5	0.00	89.29	-	-	0.00	0.00	-	0.00
18	8,646	8,646	5.02	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
19	8,554	8,554	5.18	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
20	9,379	9,379	3.82	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
21	10,329	10,329	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
22	11,464	11,464	0.92	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
23	12,408	12,408	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
24	4,894	4,894	13.43	108.5	0.00	84.79	-	-	0.00	0.00	-	0.00
25	5,302	5,302	12.26	108.5	0.00	85.49	-	-	0.00	0.00	-	0.00
26	5,795	5,795	10.95	108.5	0.00	86.26	-	-	0.00	0.00	-	0.00
27	7,070	7,070	8.00	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
28	8,569	8,569	5.15	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
29	7,989	7,989	6.19	108.5	0.00	89.05	-	-	0.00	0.00	-	0.00
30	9,179	9,179	4.14	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
31	9,547	9,547	3.56	108.5	0.00	90.60	-	-	0.00	0.00	-	0.00
32	9,870	9,870	3.08	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
33	10,308	10,308	2.45	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
34	10,827	10,827	1.74	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
35	12,275	12,275	-0.05	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
36	4,175	4,176	15.70	108.5	0.00	83.41	-	-	0.00	0.00	-	0.00
37	4,691	4,692	14.04	108.5	0.00	84.43	-	-	0.00	0.00	-	0.00
38	6,727	6,727	8.74	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
39	7,194	7,195	7.74	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
40	7,867	7,867	6.41	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
41	7,881	7,881	6.39	108.5	0.00	88.93	-	-	0.00	0.00	-	0.00
42	8,631	8,631	5.04	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
43	6,227	6,228	9.88	108.5	0.00	86.89	-	-	0.00	0.00	-	0.00
44	6,997	6,997	8.15	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
45	7,664	7,665	6.80	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
46	6,074	6,074	10.25	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
47	6,788	6,788	8.60	108.5	0.00	87.64	-	-	0.00	0.00	-	0.00
48	8,951	8,951	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
49	11,198	11,199	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
50	12,405	12,405	-0.20	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
51	12,920	12,920	-0.77	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
52	11,343	11,343	1.07	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
53	11,870	11,870	0.42	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
54	12,366	12,366	-0.16	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
55	12,819	12,819	-0.66	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
56	13,355	13,355	-1.24	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
57	11,422	11,422	0.97	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
58	11,918	11,918	0.37	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
59	13,222	13,222	-1.10	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
60	13,773	13,773	-1.67	108.5	0.00	93.78	-	-	0.00	0.00	-	0.00
Sum	24.37											

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H473 H473

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,578	8,579	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	2	8,813	8,813	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	3	9,266	9,266	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	4	8,374	8,374	<b>5.49</b>	108.5	0.00	89.46	-	-	0.00	0.00	-	0.00
	5	9,922	9,922	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	6	8,954	8,954	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	7	9,591	9,591	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	8	10,384	10,384	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	9	11,205	11,205	<b>1.25</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	10	10,131	10,131	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	11	8,333	8,333	<b>5.56</b>	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
	12	8,864	8,864	<b>4.65</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	13	10,342	10,342	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	14	10,583	10,584	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
	15	11,212	11,212	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	16	7,635	7,635	<b>6.86</b>	108.5	0.00	88.66	-	-	0.00	0.00	-	0.00
	17	8,154	8,154	<b>5.88</b>	108.5	0.00	89.23	-	-	0.00	0.00	-	0.00
	18	8,590	8,590	<b>5.11</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
	19	8,498	8,498	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	20	9,323	9,323	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	21	10,273	10,273	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	22	11,409	11,409	<b>0.99</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	23	12,354	12,354	<b>-0.14</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	24	4,838	4,838	<b>13.59</b>	108.5	0.00	84.69	-	-	0.00	0.00	-	0.00
	25	5,246	5,246	<b>12.41</b>	108.5	0.00	85.40	-	-	0.00	0.00	-	0.00
	26	5,739	5,740	<b>11.09</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
	27	7,016	7,016	<b>8.11</b>	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
	28	8,514	8,514	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	29	7,935	7,935	<b>6.29</b>	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
	30	9,125	9,125	<b>4.23</b>	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
	31	9,494	9,494	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	32	9,818	9,818	<b>3.16</b>	108.5	0.00	90.84	-	-	0.00	0.00	-	0.00
	33	10,255	10,255	<b>2.52</b>	108.5	0.00	91.22	-	-	0.00	0.00	-	0.00
	34	10,773	10,773	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00
	35	12,222	12,222	<b>0.01</b>	108.5	0.00	92.74	-	-	0.00	0.00	-	0.00
	36	4,125	4,126	<b>15.87</b>	108.5	0.00	83.31	-	-	0.00	0.00	-	0.00
	37	4,639	4,640	<b>14.20</b>	108.5	0.00	84.33	-	-	0.00	0.00	-	0.00
	38	6,679	6,679	<b>8.85</b>	108.5	0.00	87.49	-	-	0.00	0.00	-	0.00
	39	7,144	7,144	<b>7.85</b>	108.5	0.00	88.08	-	-	0.00	0.00	-	0.00
	40	7,816	7,816	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
	41	7,832	7,832	<b>6.48</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
	42	8,581	8,581	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	43	6,185	6,186	<b>9.98</b>	108.5	0.00	86.83	-	-	0.00	0.00	-	0.00
	44	6,953	6,954	<b>8.25</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	45	7,621	7,622	<b>6.88</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
	46	6,044	6,045	<b>10.33</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
	47	6,758	6,759	<b>8.67</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	48	8,916	8,916	<b>4.57</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	49	11,167	11,167	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	50	12,371	12,371	<b>-0.16</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	51	12,888	12,888	<b>-0.74</b>	108.5	0.00	93.20	-	-	0.00	0.00	-	0.00
	52	11,315	11,316	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	53	11,845	11,845	<b>0.45</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	54	12,340	12,341	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	55	12,789	12,789	<b>-0.63</b>	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
	56	13,329	13,329	<b>-1.21</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
	57	11,406	11,406	<b>0.99</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	58	11,902	11,902	<b>0.39</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	59	13,201	13,201	<b>-1.07</b>	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
	60	13,751	13,752	<b>-1.64</b>	108.5	0.00	93.77	-	-	0.00	0.00	-	0.00

Sum 24.49

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H474 H474

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,567	8,567	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	2	8,800	8,801	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	3	9,252	9,252	<b>4.02</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	4	8,359	8,360	<b>5.52</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	5	9,904	9,904	<b>3.03</b>	108.5	0.00	90.92	-	-	0.00	0.00	-	0.00
	6	8,935	8,935	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	7	9,572	9,572	<b>3.53</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	8	10,363	10,363	<b>2.37</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	9	11,184	11,184	<b>1.27</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	10	10,108	10,108	<b>2.73</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	11	8,314	8,314	<b>5.60</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
	12	8,841	8,841	<b>4.69</b>	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
	13	10,317	10,317	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	14	10,557	10,557	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	15	11,185	11,185	<b>1.27</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	16	7,610	7,610	<b>6.91</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
	17	8,129	8,129	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
	18	8,564	8,564	<b>5.16</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
	19	8,471	8,471	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	20	9,296	9,296	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
	21	10,246	10,246	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
	22	11,381	11,381	<b>1.02</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	23	12,325	12,325	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	24	4,811	4,812	<b>13.67</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	25	5,219	5,219	<b>12.49</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	26	5,712	5,712	<b>11.16</b>	108.5	0.00	86.14	-	-	0.00	0.00	-	0.00
	27	6,987	6,987	<b>8.18</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	28	8,485	8,485	<b>5.29</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	29	7,906	7,906	<b>6.34</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
	30	9,096	9,096	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	31	9,464	9,465	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	32	9,788	9,788	<b>3.20</b>	108.5	0.00	90.81	-	-	0.00	0.00	-	0.00
	33	10,225	10,225	<b>2.56</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	34	10,744	10,744	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	35	12,193	12,193	<b>0.04</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	36	4,094	4,095	<b>15.98</b>	108.5	0.00	83.25	-	-	0.00	0.00	-	0.00
	37	4,609	4,610	<b>14.29</b>	108.5	0.00	84.27	-	-	0.00	0.00	-	0.00
	38	6,648	6,648	<b>8.91</b>	108.5	0.00	87.45	-	-	0.00	0.00	-	0.00
	39	7,113	7,114	<b>7.91</b>	108.5	0.00	88.04	-	-	0.00	0.00	-	0.00
	40	7,785	7,786	<b>6.57</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	41	7,801	7,801	<b>6.54</b>	108.5	0.00	88.84	-	-	0.00	0.00	-	0.00
	42	8,550	8,550	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	43	6,154	6,155	<b>10.06</b>	108.5	0.00	86.78	-	-	0.00	0.00	-	0.00
	44	6,922	6,923	<b>8.31</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	45	7,590	7,591	<b>6.94</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	46	6,015	6,016	<b>10.40</b>	108.5	0.00	86.59	-	-	0.00	0.00	-	0.00
	47	6,729	6,730	<b>8.73</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
	48	8,886	8,886	<b>4.61</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	49	11,138	11,138	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	50	12,341	12,341	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	51	12,859	12,859	<b>-0.71</b>	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	52	11,287	11,287	<b>1.14</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	53	11,818	11,818	<b>0.49</b>	108.5	0.00	92.45	-	-	0.00	0.00	-	0.00
	54	12,313	12,313	<b>-0.09</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
	55	12,760	12,760	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	56	13,301	13,302	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
	57	11,381	11,381	<b>1.02</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	58	11,877	11,877	<b>0.42</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	59	13,175	13,175	<b>-1.05</b>	108.5	0.00	93.40	-	-	0.00	0.00	-	0.00
	60	13,725	13,725	<b>-1.62</b>	108.5	0.00	93.75	-	-	0.00	0.00	-	0.00

Sum 24.56

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H475 H475

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,618	8,619	5.07	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
2	8,847	8,847	4.68	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
3	9,291	9,291	3.96	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
4	8,399	8,399	5.45	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
5	9,930	9,930	2.99	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
6	8,951	8,951	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
7	9,591	9,591	3.50	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
8	10,374	10,374	2.36	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
9	11,192	11,192	1.26	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
10	10,110	10,110	2.73	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
11	8,335	8,335	5.56	108.5	0.00	89.42	-	-	0.00	0.00	-	0.00
12	8,838	8,838	4.69	108.5	0.00	89.93	-	-	0.00	0.00	-	0.00
13	10,305	10,305	2.45	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
14	10,534	10,535	2.13	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
15	11,158	11,158	1.31	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
16	7,597	7,598	6.93	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
17	8,116	8,116	5.95	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
18	8,548	8,548	5.19	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
19	8,441	8,441	5.37	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
20	9,266	9,266	4.00	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
21	10,212	10,212	2.58	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
22	11,340	11,340	1.08	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
23	12,280	12,280	-0.06	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
24	4,791	4,791	13.73	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
25	5,193	5,193	12.56	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
26	5,682	5,682	11.24	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
27	6,941	6,941	8.27	108.5	0.00	87.83	-	-	0.00	0.00	-	0.00
28	8,445	8,446	5.36	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
29	7,861	7,861	6.43	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
30	9,051	9,051	4.34	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
31	9,415	9,415	3.77	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
32	9,734	9,734	3.28	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
33	10,172	10,172	2.64	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
34	10,696	10,696	1.91	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
35	12,140	12,140	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
36	4,029	4,030	16.20	108.5	0.00	83.11	-	-	0.00	0.00	-	0.00
37	4,552	4,552	14.47	108.5	0.00	84.16	-	-	0.00	0.00	-	0.00
38	6,576	6,576	9.08	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
39	7,050	7,050	8.04	108.5	0.00	87.96	-	-	0.00	0.00	-	0.00
40	7,727	7,727	6.68	108.5	0.00	88.76	-	-	0.00	0.00	-	0.00
41	7,732	7,732	6.67	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
42	8,486	8,486	5.29	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
43	6,067	6,067	10.27	108.5	0.00	86.66	-	-	0.00	0.00	-	0.00
44	6,838	6,838	8.50	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
45	7,504	7,505	7.11	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
46	5,909	5,909	10.66	108.5	0.00	86.43	-	-	0.00	0.00	-	0.00
47	6,623	6,623	8.97	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
48	8,786	8,786	4.78	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
49	11,033	11,033	1.47	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
50	12,240	12,240	-0.01	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
51	12,754	12,755	-0.59	108.5	0.00	93.11	-	-	0.00	0.00	-	0.00
52	11,178	11,178	1.28	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
53	11,707	11,707	0.62	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
54	12,202	12,202	0.03	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
55	12,654	12,654	-0.48	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
56	13,191	13,191	-1.06	108.5	0.00	93.41	-	-	0.00	0.00	-	0.00
57	11,265	11,265	1.17	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
58	11,761	11,761	0.56	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
59	13,061	13,061	-0.92	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
60	13,611	13,611	-1.50	108.5	0.00	93.68	-	-	0.00	0.00	-	0.00

Sum 24.68

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H476 H476

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,541	8,541	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
2	8,765	8,765	<b>4.82</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
3	9,205	9,205	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
4	8,311	8,312	<b>5.60</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
5	9,833	9,833	<b>3.13</b>	108.5	0.00	90.85	-	-	0.00	0.00	-	0.00
6	8,850	8,850	<b>4.68</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
7	9,490	9,490	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
8	10,269	10,269	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
9	11,087	11,087	<b>1.40</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
10	10,002	10,002	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
11	8,236	8,236	<b>5.74</b>	108.5	0.00	89.31	-	-	0.00	0.00	-	0.00
12	8,728	8,728	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
13	10,192	10,192	<b>2.61</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
14	10,418	10,418	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
15	11,040	11,040	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
16	7,484	7,484	<b>7.15</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
17	8,002	8,002	<b>6.16</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
18	8,433	8,433	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
19	8,323	8,323	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
20	9,148	9,148	<b>4.19</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
21	10,094	10,094	<b>2.75</b>	108.5	0.00	91.08	-	-	0.00	0.00	-	0.00
22	11,221	11,221	<b>1.23</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
23	12,161	12,161	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
24	4,675	4,676	<b>14.09</b>	108.5	0.00	84.40	-	-	0.00	0.00	-	0.00
25	5,076	5,076	<b>12.89</b>	108.5	0.00	85.11	-	-	0.00	0.00	-	0.00
26	5,564	5,565	<b>11.55</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
27	6,822	6,822	<b>8.53</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
28	8,326	8,327	<b>5.57</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
29	7,742	7,742	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
30	8,932	8,932	<b>4.54</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
31	9,296	9,296	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
32	9,615	9,615	<b>3.46</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
33	10,053	10,053	<b>2.81</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
34	10,577	10,577	<b>2.08</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
35	12,021	12,021	<b>0.25</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
36	3,912	3,913	<b>16.62</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
37	4,433	4,434	<b>14.85</b>	108.5	0.00	83.94	-	-	0.00	0.00	-	0.00
38	6,460	6,460	<b>9.34</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
39	6,932	6,933	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
40	7,608	7,609	<b>6.91</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
41	7,615	7,616	<b>6.90</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
42	8,368	8,368	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
43	5,958	5,959	<b>10.54</b>	108.5	0.00	86.50	-	-	0.00	0.00	-	0.00
44	6,727	6,728	<b>8.74</b>	108.5	0.00	87.56	-	-	0.00	0.00	-	0.00
45	7,395	7,395	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
46	5,819	5,820	<b>10.89</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
47	6,533	6,534	<b>9.17</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
48	8,688	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
49	10,941	10,941	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
50	12,143	12,143	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
51	12,662	12,662	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
52	11,093	11,093	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
53	11,625	11,625	<b>0.72</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
54	12,120	12,120	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
55	12,564	12,564	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
56	13,108	13,108	<b>-0.97</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
57	11,200	11,200	<b>1.25</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
58	11,695	11,695	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
59	12,987	12,987	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
60	13,535	13,536	<b>-1.42</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 24.95



Project:

20162030 Westwood Red Pine

Licensed user:

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## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H477 H477

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,494	8,494	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
2	8,719	8,719	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00
3	9,161	9,161	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
4	8,268	8,268	<b>5.68</b>	108.5	0.00	89.35	-	-	0.00	0.00	-	0.00
5	9,794	9,794	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
6	8,813	8,813	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
7	9,453	9,453	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
8	10,235	10,235	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
9	11,053	11,053	<b>1.44</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
10	9,971	9,971	<b>2.93</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
11	8,198	8,198	<b>5.80</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
12	8,699	8,699	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
13	10,167	10,167	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
14	10,397	10,397	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
15	11,022	11,022	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
16	7,459	7,459	<b>7.20</b>	108.5	0.00	88.45	-	-	0.00	0.00	-	0.00
17	7,977	7,977	<b>6.21</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
18	8,410	8,410	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
19	8,305	8,306	<b>5.61</b>	108.5	0.00	89.39	-	-	0.00	0.00	-	0.00
20	9,131	9,131	<b>4.22</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
21	10,078	10,078	<b>2.78</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
22	11,209	11,209	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
23	12,151	12,151	<b>0.09</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
24	4,653	4,654	<b>14.16</b>	108.5	0.00	84.36	-	-	0.00	0.00	-	0.00
25	5,057	5,057	<b>12.95</b>	108.5	0.00	85.08	-	-	0.00	0.00	-	0.00
26	5,547	5,547	<b>11.60</b>	108.5	0.00	85.88	-	-	0.00	0.00	-	0.00
27	6,812	6,812	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
28	8,314	8,314	<b>5.60</b>	108.5	0.00	89.40	-	-	0.00	0.00	-	0.00
29	7,732	7,732	<b>6.67</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
30	8,921	8,922	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
31	9,288	9,288	<b>3.97</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
32	9,609	9,610	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
33	10,047	10,047	<b>2.82</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
34	10,568	10,568	<b>2.09</b>	108.5	0.00	91.48	-	-	0.00	0.00	-	0.00
35	12,015	12,015	<b>0.25</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00
36	3,912	3,913	<b>16.61</b>	108.5	0.00	82.85	-	-	0.00	0.00	-	0.00
37	4,429	4,430	<b>14.86</b>	108.5	0.00	83.93	-	-	0.00	0.00	-	0.00
38	6,465	6,465	<b>9.33</b>	108.5	0.00	87.21	-	-	0.00	0.00	-	0.00
39	6,932	6,932	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
40	7,605	7,606	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
41	7,618	7,619	<b>6.89</b>	108.5	0.00	88.64	-	-	0.00	0.00	-	0.00
42	8,368	8,368	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
43	5,973	5,973	<b>10.50</b>	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
44	6,740	6,740	<b>8.71</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
45	7,408	7,409	<b>7.30</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
46	5,848	5,849	<b>10.81</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
47	6,563	6,563	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
48	8,712	8,712	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
49	10,968	10,968	<b>1.55</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
50	12,167	12,167	<b>0.07</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
51	12,689	12,689	<b>-0.52</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
52	11,124	11,124	<b>1.35</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
53	11,659	11,659	<b>0.68</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
54	12,152	12,153	<b>0.09</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
55	12,593	12,593	<b>-0.41</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
56	13,141	13,141	<b>-1.01</b>	108.5	0.00	93.37	-	-	0.00	0.00	-	0.00
57	11,241	11,241	<b>1.20</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
58	11,735	11,735	<b>0.59</b>	108.5	0.00	92.39	-	-	0.00	0.00	-	0.00
59	13,024	13,024	<b>-0.88</b>	108.5	0.00	93.30	-	-	0.00	0.00	-	0.00
60	13,572	13,572	<b>-1.46</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00

Sum 24.96

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H478 H478

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,627	8,628	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	2	8,852	8,852	<b>4.67</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	3	9,292	9,292	<b>3.96</b>	108.5	0.00	90.36	-	-	0.00	0.00	-	0.00
	4	8,399	8,399	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	5	9,920	9,920	<b>3.00</b>	108.5	0.00	90.93	-	-	0.00	0.00	-	0.00
	6	8,936	8,936	<b>4.53</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00
	7	9,577	9,577	<b>3.52</b>	108.5	0.00	90.62	-	-	0.00	0.00	-	0.00
	8	10,354	10,354	<b>2.38</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	9	11,171	11,171	<b>1.29</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	10	10,085	10,086	<b>2.76</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	11	8,323	8,323	<b>5.58</b>	108.5	0.00	89.41	-	-	0.00	0.00	-	0.00
	12	8,810	8,810	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	13	10,272	10,272	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	14	10,494	10,494	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	15	11,115	11,115	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	16	7,564	7,564	<b>7.00</b>	108.5	0.00	88.57	-	-	0.00	0.00	-	0.00
	17	8,081	8,081	<b>6.02</b>	108.5	0.00	89.15	-	-	0.00	0.00	-	0.00
	18	8,512	8,512	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00
	19	8,396	8,396	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	20	9,221	9,221	<b>4.07</b>	108.5	0.00	90.30	-	-	0.00	0.00	-	0.00
	21	10,166	10,166	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	22	11,290	11,290	<b>1.14</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
	23	12,228	12,228	<b>0.00</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
	24	4,753	4,753	<b>13.85</b>	108.5	0.00	84.54	-	-	0.00	0.00	-	0.00
	25	5,151	5,152	<b>12.68</b>	108.5	0.00	85.24	-	-	0.00	0.00	-	0.00
	26	5,638	5,638	<b>11.35</b>	108.5	0.00	86.02	-	-	0.00	0.00	-	0.00
	27	6,887	6,888	<b>8.39</b>	108.5	0.00	87.76	-	-	0.00	0.00	-	0.00
	28	8,395	8,396	<b>5.45</b>	108.5	0.00	89.48	-	-	0.00	0.00	-	0.00
	29	7,808	7,808	<b>6.53</b>	108.5	0.00	88.85	-	-	0.00	0.00	-	0.00
	30	8,998	8,998	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
	31	9,360	9,360	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
	32	9,676	9,676	<b>3.37</b>	108.5	0.00	90.71	-	-	0.00	0.00	-	0.00
	33	10,114	10,114	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	34	10,642	10,642	<b>1.99</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	35	12,084	12,084	<b>0.17</b>	108.5	0.00	92.64	-	-	0.00	0.00	-	0.00
	36	3,967	3,967	<b>16.42</b>	108.5	0.00	82.97	-	-	0.00	0.00	-	0.00
	37	4,493	4,493	<b>14.66</b>	108.5	0.00	84.05	-	-	0.00	0.00	-	0.00
	38	6,509	6,509	<b>9.23</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	39	6,988	6,988	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	40	7,667	7,667	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	41	7,667	7,667	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
	42	8,423	8,423	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	43	5,993	5,994	<b>10.45</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	44	6,766	6,766	<b>8.65</b>	108.5	0.00	87.61	-	-	0.00	0.00	-	0.00
	45	7,432	7,432	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	46	5,830	5,830	<b>10.86</b>	108.5	0.00	86.31	-	-	0.00	0.00	-	0.00
	47	6,543	6,544	<b>9.15</b>	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
	48	8,709	8,709	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	49	10,954	10,954	<b>1.57</b>	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
	50	12,162	12,162	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	51	12,676	12,676	<b>-0.50</b>	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	52	11,099	11,099	<b>1.38</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
	53	11,627	11,627	<b>0.72</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
	54	12,123	12,123	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	55	12,575	12,575	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	56	13,112	13,112	<b>-0.98</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	57	11,186	11,187	<b>1.27</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	58	11,682	11,682	<b>0.65</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	59	12,981	12,982	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	60	13,532	13,532	<b>-1.42</b>	108.5	0.00	93.63	-	-	0.00	0.00	-	0.00
	Sum	24.81											

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H479 H479

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,655	8,655	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
2	8,879	8,879	<b>4.63</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
3	9,318	9,318	<b>3.92</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
4	8,425	8,425	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
5	9,945	9,945	<b>2.97</b>	108.5	0.00	90.95	-	-	0.00	0.00	-	0.00
6	8,959	8,959	<b>4.50</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
7	9,600	9,600	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
8	10,376	10,376	<b>2.35</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
9	11,193	11,193	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
10	10,106	10,106	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
11	8,346	8,346	<b>5.54</b>	108.5	0.00	89.43	-	-	0.00	0.00	-	0.00
12	8,830	8,830	<b>4.71</b>	108.5	0.00	89.92	-	-	0.00	0.00	-	0.00
13	10,289	10,290	<b>2.47</b>	108.5	0.00	91.25	-	-	0.00	0.00	-	0.00
14	10,510	10,510	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
15	11,129	11,129	<b>1.34</b>	108.5	0.00	91.93	-	-	0.00	0.00	-	0.00
16	7,582	7,582	<b>6.96</b>	108.5	0.00	88.60	-	-	0.00	0.00	-	0.00
17	8,099	8,099	<b>5.98</b>	108.5	0.00	89.17	-	-	0.00	0.00	-	0.00
18	8,529	8,529	<b>5.22</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
19	8,410	8,410	<b>5.43</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
20	9,235	9,235	<b>4.05</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
21	10,179	10,179	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
22	11,301	11,301	<b>1.12</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
23	12,238	12,238	<b>-0.01</b>	108.5	0.00	92.75	-	-	0.00	0.00	-	0.00
24	4,769	4,769	<b>13.80</b>	108.5	0.00	84.57	-	-	0.00	0.00	-	0.00
25	5,166	5,167	<b>12.64</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
26	5,652	5,652	<b>11.32</b>	108.5	0.00	86.04	-	-	0.00	0.00	-	0.00
27	6,897	6,898	<b>8.37</b>	108.5	0.00	87.77	-	-	0.00	0.00	-	0.00
28	8,407	8,407	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
29	7,818	7,818	<b>6.51</b>	108.5	0.00	88.86	-	-	0.00	0.00	-	0.00
30	9,008	9,009	<b>4.41</b>	108.5	0.00	90.09	-	-	0.00	0.00	-	0.00
31	9,369	9,369	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
32	9,683	9,683	<b>3.36</b>	108.5	0.00	90.72	-	-	0.00	0.00	-	0.00
33	10,122	10,122	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
34	10,651	10,651	<b>1.98</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
35	12,092	12,092	<b>0.16</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
36	3,972	3,973	<b>16.40</b>	108.5	0.00	82.98	-	-	0.00	0.00	-	0.00
37	4,500	4,500	<b>14.64</b>	108.5	0.00	84.07	-	-	0.00	0.00	-	0.00
38	6,511	6,512	<b>9.22</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
39	6,993	6,993	<b>8.16</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
40	7,674	7,674	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
41	7,670	7,670	<b>6.79</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
42	8,428	8,428	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
43	5,990	5,991	<b>10.46</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
44	6,764	6,764	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
45	7,429	7,430	<b>7.26</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
46	5,818	5,819	<b>10.89</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00
47	6,532	6,532	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
48	8,700	8,700	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
49	10,944	10,944	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
50	12,153	12,154	<b>0.09</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
51	12,665	12,665	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
52	11,086	11,086	<b>1.40</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
53	11,613	11,613	<b>0.74</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
54	12,109	12,109	<b>0.14</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
55	12,563	12,563	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
56	13,098	13,098	<b>-0.96</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
57	11,168	11,168	<b>1.29</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
58	11,664	11,664	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
59	12,965	12,965	<b>-0.82</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
60	13,516	13,516	<b>-1.40</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
Sum	24.79											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H480 H480

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,679	8,679	<b>4.96</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	2	8,902	8,902	<b>4.59</b>	108.5	0.00	89.99	-	-	0.00	0.00	-	0.00
	3	9,341	9,341	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	4	8,447	8,448	<b>5.36</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	5	9,966	9,966	<b>2.94</b>	108.5	0.00	90.97	-	-	0.00	0.00	-	0.00
	6	8,979	8,979	<b>4.46</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
	7	9,620	9,620	<b>3.45</b>	108.5	0.00	90.66	-	-	0.00	0.00	-	0.00
	8	10,395	10,395	<b>2.33</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	9	11,212	11,212	<b>1.24</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	10	10,124	10,124	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	11	8,367	8,367	<b>5.50</b>	108.5	0.00	89.45	-	-	0.00	0.00	-	0.00
	12	8,847	8,847	<b>4.68</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	13	10,305	10,305	<b>2.45</b>	108.5	0.00	91.26	-	-	0.00	0.00	-	0.00
	14	10,523	10,523	<b>2.15</b>	108.5	0.00	91.44	-	-	0.00	0.00	-	0.00
	15	11,142	11,142	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	16	7,597	7,597	<b>6.93</b>	108.5	0.00	88.61	-	-	0.00	0.00	-	0.00
	17	8,114	8,114	<b>5.96</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	18	8,544	8,544	<b>5.19</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
	19	8,422	8,422	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	20	9,248	9,248	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	21	10,191	10,191	<b>2.61</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
	22	11,311	11,311	<b>1.11</b>	108.5	0.00	92.07	-	-	0.00	0.00	-	0.00
	23	12,247	12,247	<b>-0.02</b>	108.5	0.00	92.76	-	-	0.00	0.00	-	0.00
	24	4,783	4,784	<b>13.76</b>	108.5	0.00	84.60	-	-	0.00	0.00	-	0.00
	25	5,180	5,180	<b>12.60</b>	108.5	0.00	85.29	-	-	0.00	0.00	-	0.00
	26	5,665	5,665	<b>11.29</b>	108.5	0.00	86.06	-	-	0.00	0.00	-	0.00
	27	6,907	6,907	<b>8.35</b>	108.5	0.00	87.79	-	-	0.00	0.00	-	0.00
	28	8,417	8,417	<b>5.41</b>	108.5	0.00	89.50	-	-	0.00	0.00	-	0.00
	29	7,827	7,828	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
	30	9,018	9,018	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	31	9,377	9,377	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	32	9,690	9,691	<b>3.35</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	33	10,129	10,129	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	34	10,660	10,660	<b>1.96</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	35	12,099	12,099	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	36	3,977	3,978	<b>16.39</b>	108.5	0.00	82.99	-	-	0.00	0.00	-	0.00
	37	4,507	4,507	<b>14.61</b>	108.5	0.00	84.08	-	-	0.00	0.00	-	0.00
	38	6,514	6,514	<b>9.22</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	39	6,998	6,999	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	40	7,680	7,680	<b>6.77</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
	41	7,674	7,674	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	42	8,432	8,433	<b>5.39</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	43	5,989	5,989	<b>10.46</b>	108.5	0.00	86.55	-	-	0.00	0.00	-	0.00
	44	6,763	6,763	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	45	7,428	7,429	<b>7.27</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	46	5,809	5,810	<b>10.91</b>	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
	47	6,523	6,523	<b>9.20</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	48	8,694	8,694	<b>4.94</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	49	10,936	10,936	<b>1.60</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	50	12,147	12,147	<b>0.10</b>	108.5	0.00	92.69	-	-	0.00	0.00	-	0.00
	51	12,657	12,658	<b>-0.48</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,076	11,076	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	53	11,602	11,602	<b>0.75</b>	108.5	0.00	92.29	-	-	0.00	0.00	-	0.00
	54	12,098	12,098	<b>0.15</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	55	12,554	12,555	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	56	13,087	13,087	<b>-0.95</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	57	11,153	11,153	<b>1.31</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	58	11,649	11,649	<b>0.69</b>	108.5	0.00	92.33	-	-	0.00	0.00	-	0.00
	59	12,952	12,952	<b>-0.81</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	60	13,503	13,503	<b>-1.39</b>	108.5	0.00	93.61	-	-	0.00	0.00	-	0.00
Sum	24.77												

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H481 H481

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,702	8,702	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
2	8,925	8,925	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
3	9,363	9,363	<b>3.85</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
4	8,469	8,470	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
5	9,986	9,986	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
6	8,998	8,998	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
7	9,640	9,640	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
8	10,414	10,414	<b>2.30</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
9	11,230	11,230	<b>1.22</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
10	10,141	10,141	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
11	8,387	8,387	<b>5.47</b>	108.5	0.00	89.47	-	-	0.00	0.00	-	0.00
12	8,864	8,864	<b>4.65</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
13	10,320	10,320	<b>2.43</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
14	10,536	10,536	<b>2.13</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
15	11,154	11,154	<b>1.31</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
16	7,612	7,612	<b>6.90</b>	108.5	0.00	88.63	-	-	0.00	0.00	-	0.00
17	8,129	8,129	<b>5.93</b>	108.5	0.00	89.20	-	-	0.00	0.00	-	0.00
18	8,558	8,558	<b>5.17</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
19	8,434	8,434	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
20	9,259	9,259	<b>4.01</b>	108.5	0.00	90.33	-	-	0.00	0.00	-	0.00
21	10,201	10,201	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
22	11,321	11,321	<b>1.10</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
23	12,255	12,255	<b>-0.03</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
24	4,797	4,798	<b>13.72</b>	108.5	0.00	84.62	-	-	0.00	0.00	-	0.00
25	5,193	5,193	<b>12.56</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
26	5,676	5,677	<b>11.25</b>	108.5	0.00	86.08	-	-	0.00	0.00	-	0.00
27	6,915	6,915	<b>8.33</b>	108.5	0.00	87.80	-	-	0.00	0.00	-	0.00
28	8,427	8,427	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
29	7,836	7,836	<b>6.47</b>	108.5	0.00	88.88	-	-	0.00	0.00	-	0.00
30	9,026	9,026	<b>4.38</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
31	9,385	9,385	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
32	9,697	9,697	<b>3.34</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
33	10,136	10,136	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
34	10,667	10,667	<b>1.95</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
35	12,106	12,106	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
36	3,981	3,982	<b>16.37</b>	108.5	0.00	83.00	-	-	0.00	0.00	-	0.00
37	4,513	4,513	<b>14.60</b>	108.5	0.00	84.09	-	-	0.00	0.00	-	0.00
38	6,516	6,516	<b>9.21</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
39	7,003	7,003	<b>8.14</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
40	7,685	7,686	<b>6.76</b>	108.5	0.00	88.71	-	-	0.00	0.00	-	0.00
41	7,676	7,677	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
42	8,436	8,437	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
43	5,986	5,987	<b>10.47</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
44	6,761	6,762	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
45	7,426	7,427	<b>7.27</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
46	5,800	5,800	<b>10.94</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
47	6,513	6,514	<b>9.22</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
48	8,687	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
49	10,927	10,927	<b>1.61</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
50	12,140	12,140	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
51	12,649	12,649	<b>-0.47</b>	108.5	0.00	93.04	-	-	0.00	0.00	-	0.00
52	11,065	11,065	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
53	11,590	11,590	<b>0.76</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
54	12,086	12,086	<b>0.17</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
55	12,545	12,545	<b>-0.36</b>	108.5	0.00	92.97	-	-	0.00	0.00	-	0.00
56	13,075	13,075	<b>-0.94</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
57	11,137	11,137	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
58	11,633	11,634	<b>0.71</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
59	12,938	12,938	<b>-0.79</b>	108.5	0.00	93.24	-	-	0.00	0.00	-	0.00
60	13,490	13,490	<b>-1.38</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00
Sum	24.75											

Project:

20162030 Westwood Red Pine

Licensed user:

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## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H482 H482

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,728	8,728	<b>4.88</b>	108.5	0.00	89.82	-	-	0.00	0.00	-	0.00
	2	8,950	8,950	<b>4.51</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	3	9,387	9,387	<b>3.81</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	4	8,494	8,494	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
	5	10,008	10,008	<b>2.88</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
	6	9,018	9,019	<b>4.40</b>	108.5	0.00	90.10	-	-	0.00	0.00	-	0.00
	7	9,661	9,661	<b>3.39</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	8	10,433	10,433	<b>2.27</b>	108.5	0.00	91.37	-	-	0.00	0.00	-	0.00
	9	11,249	11,249	<b>1.19</b>	108.5	0.00	92.02	-	-	0.00	0.00	-	0.00
	10	10,159	10,159	<b>2.66</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	11	8,408	8,408	<b>5.43</b>	108.5	0.00	89.49	-	-	0.00	0.00	-	0.00
	12	8,881	8,881	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	13	10,335	10,335	<b>2.41</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00
	14	10,549	10,549	<b>2.11</b>	108.5	0.00	91.46	-	-	0.00	0.00	-	0.00
	15	11,165	11,165	<b>1.30</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
	16	7,627	7,627	<b>6.87</b>	108.5	0.00	88.65	-	-	0.00	0.00	-	0.00
	17	8,143	8,143	<b>5.90</b>	108.5	0.00	89.22	-	-	0.00	0.00	-	0.00
	18	8,572	8,572	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	19	8,445	8,445	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	20	9,270	9,270	<b>3.99</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	21	10,211	10,212	<b>2.58</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	22	11,329	11,329	<b>1.09</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	23	12,263	12,263	<b>-0.04</b>	108.5	0.00	92.77	-	-	0.00	0.00	-	0.00
	24	4,811	4,811	<b>13.67</b>	108.5	0.00	84.65	-	-	0.00	0.00	-	0.00
	25	5,205	5,205	<b>12.53</b>	108.5	0.00	85.33	-	-	0.00	0.00	-	0.00
	26	5,688	5,688	<b>11.23</b>	108.5	0.00	86.10	-	-	0.00	0.00	-	0.00
	27	6,922	6,922	<b>8.31</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	28	8,436	8,436	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	29	7,843	7,843	<b>6.46</b>	108.5	0.00	88.89	-	-	0.00	0.00	-	0.00
	30	9,034	9,034	<b>4.37</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	31	9,391	9,391	<b>3.80</b>	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
	32	9,701	9,702	<b>3.33</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
	33	10,140	10,141	<b>2.69</b>	108.5	0.00	91.12	-	-	0.00	0.00	-	0.00
	34	10,674	10,674	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	35	12,111	12,111	<b>0.14</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	36	3,984	3,985	<b>16.36</b>	108.5	0.00	83.01	-	-	0.00	0.00	-	0.00
	37	4,517	4,518	<b>14.58</b>	108.5	0.00	84.10	-	-	0.00	0.00	-	0.00
	38	6,516	6,516	<b>9.21</b>	108.5	0.00	87.28	-	-	0.00	0.00	-	0.00
	39	7,005	7,005	<b>8.14</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	40	7,689	7,689	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
	41	7,677	7,677	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
	42	8,438	8,438	<b>5.38</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	43	5,981	5,981	<b>10.48</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
	44	6,757	6,757	<b>8.67</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
	45	7,421	7,421	<b>7.28</b>	108.5	0.00	88.41	-	-	0.00	0.00	-	0.00
	46	5,786	5,787	<b>10.97</b>	108.5	0.00	86.25	-	-	0.00	0.00	-	0.00
	47	6,499	6,500	<b>9.25</b>	108.5	0.00	87.26	-	-	0.00	0.00	-	0.00
	48	8,677	8,677	<b>4.97</b>	108.5	0.00	89.77	-	-	0.00	0.00	-	0.00
	49	10,914	10,914	<b>1.62</b>	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	50	12,129	12,129	<b>0.12</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	51	12,636	12,636	<b>-0.46</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
	52	11,050	11,050	<b>1.45</b>	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	53	11,573	11,573	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	54	12,070	12,070	<b>0.19</b>	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
	55	12,531	12,531	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	56	13,059	13,059	<b>-0.92</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	57	11,116	11,117	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	58	11,613	11,613	<b>0.74</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	59	12,920	12,920	<b>-0.77</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	60	13,472	13,472	<b>-1.36</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
Sum	24.74												

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H483 H483

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,777	8,777	<b>4.80</b>	108.5	0.00	89.87	-	-	0.00	0.00	-	0.00
2	8,999	8,999	<b>4.43</b>	108.5	0.00	90.08	-	-	0.00	0.00	-	0.00
3	9,435	9,435	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
4	8,542	8,542	<b>5.20</b>	108.5	0.00	89.63	-	-	0.00	0.00	-	0.00
5	10,054	10,054	<b>2.81</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
6	9,063	9,063	<b>4.33</b>	108.5	0.00	90.15	-	-	0.00	0.00	-	0.00
7	9,705	9,705	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
8	10,476	10,476	<b>2.21</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
9	11,291	11,291	<b>1.14</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
10	10,199	10,199	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
11	8,453	8,453	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
12	8,920	8,920	<b>4.56</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
13	10,372	10,372	<b>2.36</b>	108.5	0.00	91.32	-	-	0.00	0.00	-	0.00
14	10,582	10,582	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
15	11,197	11,197	<b>1.26</b>	108.5	0.00	91.98	-	-	0.00	0.00	-	0.00
16	7,664	7,664	<b>6.80</b>	108.5	0.00	88.69	-	-	0.00	0.00	-	0.00
17	8,180	8,180	<b>5.84</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
18	8,608	8,608	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
19	8,476	8,476	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
20	9,301	9,301	<b>3.95</b>	108.5	0.00	90.37	-	-	0.00	0.00	-	0.00
21	10,241	10,241	<b>2.54</b>	108.5	0.00	91.21	-	-	0.00	0.00	-	0.00
22	11,356	11,356	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
23	12,288	12,288	<b>-0.07</b>	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
24	4,846	4,846	<b>13.57</b>	108.5	0.00	84.71	-	-	0.00	0.00	-	0.00
25	5,238	5,238	<b>12.44</b>	108.5	0.00	85.38	-	-	0.00	0.00	-	0.00
26	5,720	5,720	<b>11.14</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
27	6,947	6,948	<b>8.26</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
28	8,463	8,463	<b>5.33</b>	108.5	0.00	89.55	-	-	0.00	0.00	-	0.00
29	7,869	7,869	<b>6.41</b>	108.5	0.00	88.92	-	-	0.00	0.00	-	0.00
30	9,059	9,059	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
31	9,415	9,415	<b>3.77</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
32	9,723	9,723	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
33	10,162	10,162	<b>2.65</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
34	10,698	10,698	<b>1.91</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
35	12,134	12,134	<b>0.11</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
36	4,002	4,003	<b>16.30</b>	108.5	0.00	83.05	-	-	0.00	0.00	-	0.00
37	4,539	4,539	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
38	6,529	6,529	<b>9.18</b>	108.5	0.00	87.30	-	-	0.00	0.00	-	0.00
39	7,023	7,023	<b>8.10</b>	108.5	0.00	87.93	-	-	0.00	0.00	-	0.00
40	7,709	7,709	<b>6.71</b>	108.5	0.00	88.74	-	-	0.00	0.00	-	0.00
41	7,692	7,692	<b>6.75</b>	108.5	0.00	88.72	-	-	0.00	0.00	-	0.00
42	8,455	8,456	<b>5.35</b>	108.5	0.00	89.54	-	-	0.00	0.00	-	0.00
43	5,986	5,986	<b>10.47</b>	108.5	0.00	86.54	-	-	0.00	0.00	-	0.00
44	6,763	6,764	<b>8.66</b>	108.5	0.00	87.60	-	-	0.00	0.00	-	0.00
45	7,426	7,427	<b>7.27</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
46	5,776	5,777	<b>11.00</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
47	6,489	6,489	<b>9.27</b>	108.5	0.00	87.24	-	-	0.00	0.00	-	0.00
48	8,672	8,672	<b>4.97</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
49	10,905	10,905	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
50	12,123	12,123	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
51	12,627	12,627	<b>-0.45</b>	108.5	0.00	93.03	-	-	0.00	0.00	-	0.00
52	11,036	11,037	<b>1.46</b>	108.5	0.00	91.86	-	-	0.00	0.00	-	0.00
53	11,558	11,558	<b>0.80</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
54	12,055	12,055	<b>0.21</b>	108.5	0.00	92.62	-	-	0.00	0.00	-	0.00
55	12,520	12,520	<b>-0.33</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
56	13,044	13,045	<b>-0.91</b>	108.5	0.00	93.31	-	-	0.00	0.00	-	0.00
57	11,092	11,093	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
58	11,590	11,590	<b>0.76</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
59	12,900	12,900	<b>-0.75</b>	108.5	0.00	93.21	-	-	0.00	0.00	-	0.00
60	13,453	13,453	<b>-1.34</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00

Sum 24.69

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H484 H484

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,948	8,949	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
2	9,167	9,167	4.16	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
3	9,598	9,598	3.49	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
4	8,704	8,704	4.92	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
5	10,204	10,204	2.60	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
6	9,205	9,205	4.10	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
7	9,849	9,849	3.11	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
8	10,611	10,611	2.03	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
9	11,424	11,424	0.97	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
10	10,326	10,326	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
11	8,599	8,599	5.10	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00
12	9,041	9,041	4.36	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
13	10,481	10,481	2.21	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
14	10,678	10,678	1.94	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
15	11,286	11,286	1.14	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
16	7,775	7,775	6.59	108.5	0.00	88.81	-	-	0.00	0.00	-	0.00
17	8,289	8,289	5.64	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
18	8,713	8,713	4.91	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
19	8,562	8,562	5.16	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
20	9,387	9,387	3.81	108.5	0.00	90.45	-	-	0.00	0.00	-	0.00
21	10,322	10,322	2.43	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
22	11,425	11,425	0.97	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
23	12,350	12,350	-0.14	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
24	4,950	4,950	13.26	108.5	0.00	84.89	-	-	0.00	0.00	-	0.00
25	5,334	5,334	12.17	108.5	0.00	85.54	-	-	0.00	0.00	-	0.00
26	5,809	5,810	10.91	108.5	0.00	86.28	-	-	0.00	0.00	-	0.00
27	7,011	7,011	8.12	108.5	0.00	87.92	-	-	0.00	0.00	-	0.00
28	8,535	8,535	5.21	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
29	7,933	7,933	6.29	108.5	0.00	88.99	-	-	0.00	0.00	-	0.00
30	9,123	9,123	4.23	108.5	0.00	90.20	-	-	0.00	0.00	-	0.00
31	9,471	9,471	3.68	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
32	9,770	9,770	3.23	108.5	0.00	90.80	-	-	0.00	0.00	-	0.00
33	10,211	10,211	2.59	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
34	10,756	10,756	1.83	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
35	12,184	12,184	0.06	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
36	4,040	4,041	16.16	108.5	0.00	83.13	-	-	0.00	0.00	-	0.00
37	4,588	4,589	14.36	108.5	0.00	84.23	-	-	0.00	0.00	-	0.00
38	6,546	6,547	9.14	108.5	0.00	87.32	-	-	0.00	0.00	-	0.00
39	7,057	7,057	8.03	108.5	0.00	87.97	-	-	0.00	0.00	-	0.00
40	7,751	7,751	6.63	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
41	7,714	7,714	6.70	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
42	8,486	8,486	5.29	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
43	5,971	5,971	10.51	108.5	0.00	86.52	-	-	0.00	0.00	-	0.00
44	6,754	6,755	8.68	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
45	7,413	7,414	7.29	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
46	5,708	5,709	11.17	108.5	0.00	86.13	-	-	0.00	0.00	-	0.00
47	6,419	6,420	9.43	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
48	8,622	8,622	5.06	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
49	10,839	10,839	1.72	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
50	12,069	12,069	0.19	108.5	0.00	92.63	-	-	0.00	0.00	-	0.00
51	12,562	12,562	-0.38	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
52	10,956	10,956	1.57	108.5	0.00	91.79	-	-	0.00	0.00	-	0.00
53	11,469	11,469	0.91	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
54	11,968	11,969	0.31	108.5	0.00	92.56	-	-	0.00	0.00	-	0.00
55	12,449	12,449	-0.25	108.5	0.00	92.90	-	-	0.00	0.00	-	0.00
56	12,958	12,958	-0.81	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
57	10,976	10,976	1.54	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
58	11,475	11,475	0.91	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
59	12,797	12,797	-0.64	108.5	0.00	93.14	-	-	0.00	0.00	-	0.00
60	13,354	13,354	-1.23	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00

Sum 24.58



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H485 H485

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,937	8,937	<b>4.53</b>	108.5	0.00	90.02	-	-	0.00	0.00	-	0.00	
2	9,157	9,157	<b>4.17</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00	
3	9,590	9,590	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00	
4	8,697	8,697	<b>4.93</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00	
5	10,202	10,202	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00	
6	9,205	9,205	<b>4.10</b>	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00	
7	9,849	9,849	<b>3.11</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00	
8	10,614	10,614	<b>2.03</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00	
9	11,427	11,427	<b>0.97</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00	
10	10,331	10,331	<b>2.42</b>	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00	
11	8,598	8,598	<b>5.10</b>	108.5	0.00	89.69	-	-	0.00	0.00	-	0.00	
12	9,048	9,048	<b>4.35</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00	
13	10,491	10,491	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00	
14	10,691	10,691	<b>1.92</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00	
15	11,301	11,301	<b>1.12</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00	
16	7,784	7,785	<b>6.57</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00	
17	8,299	8,299	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00	
18	8,724	8,724	<b>4.89</b>	108.5	0.00	89.81	-	-	0.00	0.00	-	0.00	
19	8,578	8,578	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00	
20	9,403	9,403	<b>3.79</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00	
21	10,339	10,339	<b>2.40</b>	108.5	0.00	91.29	-	-	0.00	0.00	-	0.00	
22	11,445	11,445	<b>0.94</b>	108.5	0.00	92.17	-	-	0.00	0.00	-	0.00	
23	12,371	12,371	<b>-0.16</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00	
24	4,961	4,962	<b>13.23</b>	108.5	0.00	84.91	-	-	0.00	0.00	-	0.00	
25	5,347	5,348	<b>12.13</b>	108.5	0.00	85.56	-	-	0.00	0.00	-	0.00	
26	5,824	5,824	<b>10.88</b>	108.5	0.00	86.30	-	-	0.00	0.00	-	0.00	
27	7,032	7,032	<b>8.08</b>	108.5	0.00	87.94	-	-	0.00	0.00	-	0.00	
28	8,554	8,554	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00	
29	7,953	7,954	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00	
30	9,144	9,144	<b>4.20</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00	
31	9,493	9,493	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00	
32	9,794	9,794	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00	
33	10,234	10,234	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00	
34	10,778	10,778	<b>1.81</b>	108.5	0.00	91.65	-	-	0.00	0.00	-	0.00	
35	12,207	12,207	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00	
36	4,065	4,066	<b>16.08</b>	108.5	0.00	83.18	-	-	0.00	0.00	-	0.00	
37	4,611	4,612	<b>14.29</b>	108.5	0.00	84.28	-	-	0.00	0.00	-	0.00	
38	6,575	6,576	<b>9.08</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00	
39	7,083	7,083	<b>7.97</b>	108.5	0.00	88.00	-	-	0.00	0.00	-	0.00	
40	7,776	7,776	<b>6.59</b>	108.5	0.00	88.82	-	-	0.00	0.00	-	0.00	
41	7,742	7,742	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00	
42	8,513	8,513	<b>5.25</b>	108.5	0.00	89.60	-	-	0.00	0.00	-	0.00	
43	6,004	6,005	<b>10.43</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00	
44	6,787	6,787	<b>8.61</b>	108.5	0.00	87.63	-	-	0.00	0.00	-	0.00	
45	7,447	7,447	<b>7.23</b>	108.5	0.00	88.44	-	-	0.00	0.00	-	0.00	
46	5,747	5,748	<b>11.07</b>	108.5	0.00	86.19	-	-	0.00	0.00	-	0.00	
47	6,458	6,459	<b>9.34</b>	108.5	0.00	87.20	-	-	0.00	0.00	-	0.00	
48	8,659	8,659	<b>5.00</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00	
49	10,878	10,878	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00	
50	12,106	12,106	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00	
51	12,600	12,600	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00	
52	10,996	10,996	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00	
53	11,509	11,509	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00	
54	12,008	12,009	<b>0.26</b>	108.5	0.00	92.59	-	-	0.00	0.00	-	0.00	
55	12,488	12,488	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00	
56	12,998	12,998	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00	
57	11,017	11,017	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00	
58	11,516	11,516	<b>0.86</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00	
59	12,838	12,838	<b>-0.68</b>	108.5	0.00	93.17	-	-	0.00	0.00	-	0.00	
60	13,394	13,394	<b>-1.28</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00	

Sum 24.53

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H486 H486

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,802	8,802	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	2	9,025	9,026	<b>4.39</b>	108.5	0.00	90.11	-	-	0.00	0.00	-	0.00
	3	9,463	9,463	<b>3.69</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	4	8,570	8,570	<b>5.15</b>	108.5	0.00	89.66	-	-	0.00	0.00	-	0.00
	5	10,086	10,086	<b>2.76</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	6	9,097	9,097	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	7	9,739	9,739	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	8	10,511	10,511	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	9	11,327	11,327	<b>1.09</b>	108.5	0.00	92.08	-	-	0.00	0.00	-	0.00
	10	10,237	10,237	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	11	8,486	8,486	<b>5.29</b>	108.5	0.00	89.57	-	-	0.00	0.00	-	0.00
	12	8,958	8,958	<b>4.50</b>	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	13	10,411	10,411	<b>2.30</b>	108.5	0.00	91.35	-	-	0.00	0.00	-	0.00
	14	10,623	10,623	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	15	11,239	11,239	<b>1.20</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	16	7,704	7,704	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	17	8,220	8,220	<b>5.76</b>	108.5	0.00	89.30	-	-	0.00	0.00	-	0.00
	18	8,648	8,648	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	19	8,518	8,518	<b>5.24</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
	20	9,343	9,343	<b>3.88</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	21	10,284	10,284	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	22	11,399	11,399	<b>1.00</b>	108.5	0.00	92.14	-	-	0.00	0.00	-	0.00
	23	12,331	12,331	<b>-0.11</b>	108.5	0.00	92.82	-	-	0.00	0.00	-	0.00
	24	4,886	4,887	<b>13.45</b>	108.5	0.00	84.78	-	-	0.00	0.00	-	0.00
	25	5,279	5,280	<b>12.32</b>	108.5	0.00	85.45	-	-	0.00	0.00	-	0.00
	26	5,761	5,762	<b>11.04</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
	27	6,991	6,991	<b>8.17</b>	108.5	0.00	87.89	-	-	0.00	0.00	-	0.00
	28	8,506	8,506	<b>5.26</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	29	7,912	7,912	<b>6.33</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	30	9,102	9,102	<b>4.26</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	31	9,458	9,458	<b>3.70</b>	108.5	0.00	90.52	-	-	0.00	0.00	-	0.00
	32	9,766	9,766	<b>3.23</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
	33	10,206	10,206	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	34	10,741	10,741	<b>1.85</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
	35	12,177	12,177	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
	36	4,046	4,046	<b>16.15</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
	37	4,582	4,583	<b>14.38</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
	38	6,572	6,573	<b>9.08</b>	108.5	0.00	87.35	-	-	0.00	0.00	-	0.00
	39	7,066	7,067	<b>8.01</b>	108.5	0.00	87.98	-	-	0.00	0.00	-	0.00
	40	7,752	7,753	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
	41	7,735	7,735	<b>6.66</b>	108.5	0.00	88.77	-	-	0.00	0.00	-	0.00
	42	8,499	8,499	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	43	6,027	6,028	<b>10.37</b>	108.5	0.00	86.60	-	-	0.00	0.00	-	0.00
	44	6,805	6,806	<b>8.57</b>	108.5	0.00	87.66	-	-	0.00	0.00	-	0.00
	45	7,468	7,468	<b>7.19</b>	108.5	0.00	88.46	-	-	0.00	0.00	-	0.00
	46	5,812	5,813	<b>10.91</b>	108.5	0.00	86.29	-	-	0.00	0.00	-	0.00
	47	6,525	6,525	<b>9.19</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	48	8,710	8,710	<b>4.91</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	49	10,941	10,941	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	50	12,161	12,161	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	51	12,664	12,664	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	52	11,071	11,071	<b>1.42</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	53	11,591	11,591	<b>0.76</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	54	12,088	12,089	<b>0.17</b>	108.5	0.00	92.65	-	-	0.00	0.00	-	0.00
	55	12,556	12,556	<b>-0.37</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	56	13,078	13,078	<b>-0.94</b>	108.5	0.00	93.33	-	-	0.00	0.00	-	0.00
	57	11,120	11,120	<b>1.36</b>	108.5	0.00	91.92	-	-	0.00	0.00	-	0.00
	58	11,617	11,618	<b>0.73</b>	108.5	0.00	92.30	-	-	0.00	0.00	-	0.00
	59	12,930	12,930	<b>-0.78</b>	108.5	0.00	93.23	-	-	0.00	0.00	-	0.00
	60	13,484	13,484	<b>-1.37</b>	108.5	0.00	93.60	-	-	0.00	0.00	-	0.00

Sum 24.59

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H487 H487

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,750	8,750	<b>4.84</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
2	8,975	8,975	<b>4.47</b>	108.5	0.00	90.06	-	-	0.00	0.00	-	0.00
3	9,415	9,415	<b>3.77</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
4	8,522	8,522	<b>5.23</b>	108.5	0.00	89.61	-	-	0.00	0.00	-	0.00
5	10,043	10,043	<b>2.83</b>	108.5	0.00	91.04	-	-	0.00	0.00	-	0.00
6	9,057	9,058	<b>4.33</b>	108.5	0.00	90.14	-	-	0.00	0.00	-	0.00
7	9,699	9,699	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
8	10,475	10,475	<b>2.22</b>	108.5	0.00	91.40	-	-	0.00	0.00	-	0.00
9	11,291	11,291	<b>1.14</b>	108.5	0.00	92.05	-	-	0.00	0.00	-	0.00
10	10,204	10,204	<b>2.60</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
11	8,445	8,445	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
12	8,927	8,927	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
13	10,385	10,385	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
14	10,602	10,602	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
15	11,220	11,220	<b>1.23</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
16	7,677	7,677	<b>6.78</b>	108.5	0.00	88.70	-	-	0.00	0.00	-	0.00
17	8,194	8,194	<b>5.81</b>	108.5	0.00	89.27	-	-	0.00	0.00	-	0.00
18	8,623	8,623	<b>5.06</b>	108.5	0.00	89.71	-	-	0.00	0.00	-	0.00
19	8,500	8,500	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
20	9,326	9,326	<b>3.91</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
21	10,268	10,268	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
22	11,387	11,387	<b>1.02</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
23	12,322	12,322	<b>-0.10</b>	108.5	0.00	92.81	-	-	0.00	0.00	-	0.00
24	4,863	4,863	<b>13.52</b>	108.5	0.00	84.74	-	-	0.00	0.00	-	0.00
25	5,259	5,259	<b>12.38</b>	108.5	0.00	85.42	-	-	0.00	0.00	-	0.00
26	5,743	5,743	<b>11.08</b>	108.5	0.00	86.18	-	-	0.00	0.00	-	0.00
27	6,981	6,982	<b>8.19</b>	108.5	0.00	87.88	-	-	0.00	0.00	-	0.00
28	8,494	8,494	<b>5.28</b>	108.5	0.00	89.58	-	-	0.00	0.00	-	0.00
29	7,902	7,903	<b>6.35</b>	108.5	0.00	88.96	-	-	0.00	0.00	-	0.00
30	9,093	9,093	<b>4.28</b>	108.5	0.00	90.17	-	-	0.00	0.00	-	0.00
31	9,451	9,451	<b>3.71</b>	108.5	0.00	90.51	-	-	0.00	0.00	-	0.00
32	9,763	9,763	<b>3.24</b>	108.5	0.00	90.79	-	-	0.00	0.00	-	0.00
33	10,202	10,202	<b>2.60</b>	108.5	0.00	91.17	-	-	0.00	0.00	-	0.00
34	10,734	10,734	<b>1.86</b>	108.5	0.00	91.62	-	-	0.00	0.00	-	0.00
35	12,172	12,172	<b>0.07</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
36	4,046	4,047	<b>16.14</b>	108.5	0.00	83.14	-	-	0.00	0.00	-	0.00
37	4,579	4,579	<b>14.39</b>	108.5	0.00	84.22	-	-	0.00	0.00	-	0.00
38	6,579	6,580	<b>9.07</b>	108.5	0.00	87.36	-	-	0.00	0.00	-	0.00
39	7,067	7,068	<b>8.01</b>	108.5	0.00	87.99	-	-	0.00	0.00	-	0.00
40	7,751	7,751	<b>6.63</b>	108.5	0.00	88.79	-	-	0.00	0.00	-	0.00
41	7,740	7,740	<b>6.65</b>	108.5	0.00	88.78	-	-	0.00	0.00	-	0.00
42	8,501	8,501	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
43	6,045	6,045	<b>10.33</b>	108.5	0.00	86.63	-	-	0.00	0.00	-	0.00
44	6,821	6,821	<b>8.53</b>	108.5	0.00	87.68	-	-	0.00	0.00	-	0.00
45	7,485	7,485	<b>7.15</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
46	5,847	5,847	<b>10.82</b>	108.5	0.00	86.34	-	-	0.00	0.00	-	0.00
47	6,560	6,560	<b>9.11</b>	108.5	0.00	87.34	-	-	0.00	0.00	-	0.00
48	8,739	8,739	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
49	10,974	10,975	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
50	12,190	12,191	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
51	12,697	12,697	<b>-0.53</b>	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
52	11,108	11,109	<b>1.37</b>	108.5	0.00	91.91	-	-	0.00	0.00	-	0.00
53	11,631	11,631	<b>0.71</b>	108.5	0.00	92.31	-	-	0.00	0.00	-	0.00
54	12,128	12,128	<b>0.12</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
55	12,591	12,591	<b>-0.41</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
56	13,117	13,117	<b>-0.98</b>	108.5	0.00	93.36	-	-	0.00	0.00	-	0.00
57	11,168	11,168	<b>1.29</b>	108.5	0.00	91.96	-	-	0.00	0.00	-	0.00
58	11,665	11,665	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
59	12,974	12,975	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
60	13,527	13,528	<b>-1.41</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 24.60

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H488 H488

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,647	8,647	<b>5.02</b>	108.5	0.00	89.74	-	-	0.00	0.00	-	0.00
	2	8,873	8,874	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	3	9,316	9,316	<b>3.92</b>	108.5	0.00	90.38	-	-	0.00	0.00	-	0.00
	4	8,423	8,423	<b>5.40</b>	108.5	0.00	89.51	-	-	0.00	0.00	-	0.00
	5	9,949	9,949	<b>2.96</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	6	8,968	8,968	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	7	9,608	9,608	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	8	10,388	10,388	<b>2.34</b>	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	9	11,206	11,206	<b>1.25</b>	108.5	0.00	91.99	-	-	0.00	0.00	-	0.00
	10	10,122	10,122	<b>2.71</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	11	8,353	8,353	<b>5.53</b>	108.5	0.00	89.44	-	-	0.00	0.00	-	0.00
	12	8,848	8,848	<b>4.68</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	13	10,311	10,311	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	14	10,536	10,536	<b>2.13</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	15	11,158	11,158	<b>1.31</b>	108.5	0.00	91.95	-	-	0.00	0.00	-	0.00
	16	7,603	7,604	<b>6.92</b>	108.5	0.00	88.62	-	-	0.00	0.00	-	0.00
	17	8,121	8,121	<b>5.94</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	18	8,552	8,552	<b>5.18</b>	108.5	0.00	89.64	-	-	0.00	0.00	-	0.00
	19	8,439	8,440	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	20	9,265	9,265	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	21	10,210	10,210	<b>2.59</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	22	11,335	11,335	<b>1.08</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	23	12,273	12,273	<b>-0.05</b>	108.5	0.00	92.78	-	-	0.00	0.00	-	0.00
	24	4,794	4,794	<b>13.73</b>	108.5	0.00	84.61	-	-	0.00	0.00	-	0.00
	25	5,194	5,194	<b>12.56</b>	108.5	0.00	85.31	-	-	0.00	0.00	-	0.00
	26	5,681	5,682	<b>11.24</b>	108.5	0.00	86.09	-	-	0.00	0.00	-	0.00
	27	6,933	6,934	<b>8.29</b>	108.5	0.00	87.82	-	-	0.00	0.00	-	0.00
	28	8,440	8,441	<b>5.37</b>	108.5	0.00	89.53	-	-	0.00	0.00	-	0.00
	29	7,854	7,854	<b>6.44</b>	108.5	0.00	88.90	-	-	0.00	0.00	-	0.00
	30	9,044	9,044	<b>4.36</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
	31	9,406	9,406	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	32	9,723	9,723	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	33	10,161	10,161	<b>2.66</b>	108.5	0.00	91.14	-	-	0.00	0.00	-	0.00
	34	10,688	10,688	<b>1.93</b>	108.5	0.00	91.58	-	-	0.00	0.00	-	0.00
	35	12,130	12,130	<b>0.12</b>	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	36	4,014	4,015	<b>16.25</b>	108.5	0.00	83.07	-	-	0.00	0.00	-	0.00
	37	4,540	4,540	<b>14.51</b>	108.5	0.00	84.14	-	-	0.00	0.00	-	0.00
	38	6,557	6,557	<b>9.12</b>	108.5	0.00	87.33	-	-	0.00	0.00	-	0.00
	39	7,035	7,036	<b>8.07</b>	108.5	0.00	87.95	-	-	0.00	0.00	-	0.00
	40	7,714	7,714	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	41	7,715	7,715	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	42	8,470	8,471	<b>5.32</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	43	6,041	6,042	<b>10.33</b>	108.5	0.00	86.62	-	-	0.00	0.00	-	0.00
	44	6,813	6,814	<b>8.55</b>	108.5	0.00	87.67	-	-	0.00	0.00	-	0.00
	45	7,479	7,480	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	46	5,873	5,874	<b>10.75</b>	108.5	0.00	86.38	-	-	0.00	0.00	-	0.00
	47	6,587	6,588	<b>9.05</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	48	8,754	8,755	<b>4.83</b>	108.5	0.00	89.84	-	-	0.00	0.00	-	0.00
	49	10,999	10,999	<b>1.51</b>	108.5	0.00	91.83	-	-	0.00	0.00	-	0.00
	50	12,208	12,208	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	51	12,720	12,720	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	52	11,141	11,142	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	53	11,669	11,669	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	54	12,164	12,165	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	55	12,618	12,619	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	56	13,154	13,154	<b>-1.02</b>	108.5	0.00	93.38	-	-	0.00	0.00	-	0.00
	57	11,223	11,223	<b>1.22</b>	108.5	0.00	92.00	-	-	0.00	0.00	-	0.00
	58	11,719	11,719	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	59	13,021	13,021	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
	60	13,572	13,572	<b>-1.46</b>	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
Sum		24.70											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H489 H489

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,857	8,858	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	2	9,099	9,099	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	3	9,560	9,560	<b>3.54</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	4	8,669	8,669	<b>4.98</b>	108.5	0.00	89.76	-	-	0.00	0.00	-	0.00
	5	10,229	10,229	<b>2.56</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	6	9,267	9,267	<b>4.00</b>	108.5	0.00	90.34	-	-	0.00	0.00	-	0.00
	7	9,902	9,902	<b>3.03</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
	8	10,700	10,700	<b>1.91</b>	108.5	0.00	91.59	-	-	0.00	0.00	-	0.00
	9	11,522	11,522	<b>0.85</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
	10	10,450	10,450	<b>2.25</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
	11	8,644	8,644	<b>5.02</b>	108.5	0.00	89.73	-	-	0.00	0.00	-	0.00
	12	9,184	9,184	<b>4.13</b>	108.5	0.00	90.26	-	-	0.00	0.00	-	0.00
	13	10,662	10,662	<b>1.96</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	14	10,901	10,901	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	15	11,528	11,528	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	16	7,955	7,955	<b>6.25</b>	108.5	0.00	89.01	-	-	0.00	0.00	-	0.00
	17	8,474	8,474	<b>5.31</b>	108.5	0.00	89.56	-	-	0.00	0.00	-	0.00
	18	8,909	8,909	<b>4.58</b>	108.5	0.00	90.00	-	-	0.00	0.00	-	0.00
	19	8,813	8,813	<b>4.74</b>	108.5	0.00	89.90	-	-	0.00	0.00	-	0.00
	20	9,638	9,638	<b>3.42</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	21	10,586	10,587	<b>2.06</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
	22	11,718	11,718	<b>0.61</b>	108.5	0.00	92.38	-	-	0.00	0.00	-	0.00
	23	12,659	12,659	<b>-0.49</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
	24	5,156	5,156	<b>12.67</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
	25	5,562	5,563	<b>11.55</b>	108.5	0.00	85.91	-	-	0.00	0.00	-	0.00
	26	6,054	6,055	<b>10.30</b>	108.5	0.00	86.64	-	-	0.00	0.00	-	0.00
	27	7,320	7,320	<b>7.48</b>	108.5	0.00	88.29	-	-	0.00	0.00	-	0.00
	28	8,823	8,823	<b>4.72</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
	29	8,240	8,240	<b>5.73</b>	108.5	0.00	89.32	-	-	0.00	0.00	-	0.00
	30	9,430	9,430	<b>3.74</b>	108.5	0.00	90.49	-	-	0.00	0.00	-	0.00
	31	9,795	9,795	<b>3.19</b>	108.5	0.00	90.82	-	-	0.00	0.00	-	0.00
	32	10,113	10,113	<b>2.72</b>	108.5	0.00	91.10	-	-	0.00	0.00	-	0.00
	33	10,551	10,551	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	34	11,075	11,075	<b>1.41</b>	108.5	0.00	91.89	-	-	0.00	0.00	-	0.00
	35	12,520	12,520	<b>-0.33</b>	108.5	0.00	92.95	-	-	0.00	0.00	-	0.00
	36	4,407	4,407	<b>14.94</b>	108.5	0.00	83.88	-	-	0.00	0.00	-	0.00
	37	4,931	4,931	<b>13.32</b>	108.5	0.00	84.86	-	-	0.00	0.00	-	0.00
	38	6,948	6,948	<b>8.26</b>	108.5	0.00	87.84	-	-	0.00	0.00	-	0.00
	39	7,428	7,428	<b>7.27</b>	108.5	0.00	88.42	-	-	0.00	0.00	-	0.00
	40	8,106	8,106	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	41	8,106	8,107	<b>5.97</b>	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	42	8,863	8,863	<b>4.65</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	43	6,421	6,421	<b>9.43</b>	108.5	0.00	87.15	-	-	0.00	0.00	-	0.00
	44	7,196	7,197	<b>7.74</b>	108.5	0.00	88.14	-	-	0.00	0.00	-	0.00
	45	7,861	7,861	<b>6.43</b>	108.5	0.00	88.91	-	-	0.00	0.00	-	0.00
	46	6,211	6,212	<b>9.92</b>	108.5	0.00	86.86	-	-	0.00	0.00	-	0.00
	47	6,923	6,924	<b>8.31</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
	48	9,111	9,111	<b>4.25</b>	108.5	0.00	90.19	-	-	0.00	0.00	-	0.00
	49	11,341	11,341	<b>1.07</b>	108.5	0.00	92.09	-	-	0.00	0.00	-	0.00
	50	12,561	12,562	<b>-0.38</b>	108.5	0.00	92.98	-	-	0.00	0.00	-	0.00
	51	13,063	13,063	<b>-0.93</b>	108.5	0.00	93.32	-	-	0.00	0.00	-	0.00
	52	11,466	11,466	<b>0.92</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	53	11,982	11,982	<b>0.29</b>	108.5	0.00	92.57	-	-	0.00	0.00	-	0.00
	54	12,481	12,481	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	55	12,954	12,954	<b>-0.81</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	56	13,471	13,471	<b>-1.36</b>	108.5	0.00	93.59	-	-	0.00	0.00	-	0.00
	57	11,490	11,490	<b>0.89</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	58	11,990	11,990	<b>0.28</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	59	13,313	13,313	<b>-1.19</b>	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	60	13,869	13,869	<b>-1.76</b>	108.5	0.00	93.84	-	-	0.00	0.00	-	0.00
	Sum	23.85											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H490 H490

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,897	8,897	<b>4.60</b>	108.5	0.00	89.98	-	-	0.00	0.00	-	0.00
	2	9,141	9,141	<b>4.20</b>	108.5	0.00	90.22	-	-	0.00	0.00	-	0.00
	3	9,604	9,604	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	4	8,713	8,713	<b>4.90</b>	108.5	0.00	89.80	-	-	0.00	0.00	-	0.00
	5	10,278	10,278	<b>2.49</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	6	9,319	9,319	<b>3.92</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
	7	9,953	9,953	<b>2.96</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
	8	10,753	10,753	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	9	11,575	11,575	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	10	10,505	10,505	<b>2.17</b>	108.5	0.00	91.43	-	-	0.00	0.00	-	0.00
	11	8,694	8,694	<b>4.94</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	12	9,240	9,240	<b>4.04</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	13	10,720	10,720	<b>1.88</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	14	10,961	10,961	<b>1.56</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	15	11,588	11,588	<b>0.77</b>	108.5	0.00	92.28	-	-	0.00	0.00	-	0.00
	16	8,013	8,013	<b>6.14</b>	108.5	0.00	89.08	-	-	0.00	0.00	-	0.00
	17	8,532	8,532	<b>5.21</b>	108.5	0.00	89.62	-	-	0.00	0.00	-	0.00
	18	8,968	8,968	<b>4.48</b>	108.5	0.00	90.05	-	-	0.00	0.00	-	0.00
	19	8,873	8,874	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	20	9,699	9,699	<b>3.33</b>	108.5	0.00	90.73	-	-	0.00	0.00	-	0.00
	21	10,647	10,647	<b>1.98</b>	108.5	0.00	91.54	-	-	0.00	0.00	-	0.00
	22	11,779	11,779	<b>0.53</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	23	12,721	12,721	<b>-0.55</b>	108.5	0.00	93.09	-	-	0.00	0.00	-	0.00
	24	5,215	5,216	<b>12.50</b>	108.5	0.00	85.35	-	-	0.00	0.00	-	0.00
	25	5,622	5,623	<b>11.40</b>	108.5	0.00	86.00	-	-	0.00	0.00	-	0.00
	26	6,115	6,115	<b>10.16</b>	108.5	0.00	86.73	-	-	0.00	0.00	-	0.00
	27	7,381	7,382	<b>7.36</b>	108.5	0.00	88.36	-	-	0.00	0.00	-	0.00
	28	8,884	8,884	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
	29	8,301	8,301	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	30	9,491	9,491	<b>3.65</b>	108.5	0.00	90.55	-	-	0.00	0.00	-	0.00
	31	9,856	9,856	<b>3.10</b>	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	32	10,175	10,175	<b>2.64</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	33	10,613	10,613	<b>2.03</b>	108.5	0.00	91.52	-	-	0.00	0.00	-	0.00
	34	11,137	11,137	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	35	12,582	12,582	<b>-0.40</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	36	4,468	4,469	<b>14.74</b>	108.5	0.00	84.00	-	-	0.00	0.00	-	0.00
	37	4,993	4,993	<b>13.14</b>	108.5	0.00	84.97	-	-	0.00	0.00	-	0.00
	38	7,008	7,009	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	39	7,489	7,489	<b>7.14</b>	108.5	0.00	88.49	-	-	0.00	0.00	-	0.00
	40	8,167	8,168	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	41	8,167	8,168	<b>5.86</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	42	8,924	8,924	<b>4.55</b>	108.5	0.00	90.01	-	-	0.00	0.00	-	0.00
	43	6,479	6,479	<b>9.30</b>	108.5	0.00	87.23	-	-	0.00	0.00	-	0.00
	44	7,255	7,255	<b>7.62</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
	45	7,919	7,920	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	46	6,261	6,262	<b>9.80</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	47	6,973	6,974	<b>8.20</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
	48	9,164	9,165	<b>4.16</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	49	11,391	11,391	<b>1.01</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	50	12,614	12,614	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	51	13,114	13,114	<b>-0.98</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	52	11,514	11,514	<b>0.86</b>	108.5	0.00	92.22	-	-	0.00	0.00	-	0.00
	53	12,028	12,028	<b>0.24</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	54	12,527	12,527	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	55	13,004	13,004	<b>-0.86</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	56	13,517	13,517	<b>-1.40</b>	108.5	0.00	93.62	-	-	0.00	0.00	-	0.00
	57	11,528	11,528	<b>0.84</b>	108.5	0.00	92.24	-	-	0.00	0.00	-	0.00
	58	12,028	12,028	<b>0.24</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	59	13,355	13,355	<b>-1.24</b>	108.5	0.00	93.51	-	-	0.00	0.00	-	0.00
	60	13,912	13,912	<b>-1.80</b>	108.5	0.00	93.87	-	-	0.00	0.00	-	0.00
	Sum	23.72											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H491 H491

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,861	8,861	<b>4.66</b>	108.5	0.00	89.95	-	-	0.00	0.00	-	0.00
	2	9,099	9,100	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	3	9,555	9,555	<b>3.55</b>	108.5	0.00	90.61	-	-	0.00	0.00	-	0.00
	4	8,664	8,664	<b>4.99</b>	108.5	0.00	89.75	-	-	0.00	0.00	-	0.00
	5	10,215	10,215	<b>2.58</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	6	9,247	9,247	<b>4.03</b>	108.5	0.00	90.32	-	-	0.00	0.00	-	0.00
	7	9,884	9,884	<b>3.06</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	8	10,676	10,676	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	9	11,497	11,497	<b>0.88</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
	10	10,421	10,421	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
	11	8,626	8,626	<b>5.05</b>	108.5	0.00	89.72	-	-	0.00	0.00	-	0.00
	12	9,152	9,152	<b>4.18</b>	108.5	0.00	90.23	-	-	0.00	0.00	-	0.00
	13	10,625	10,625	<b>2.01</b>	108.5	0.00	91.53	-	-	0.00	0.00	-	0.00
	14	10,858	10,858	<b>1.70</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
	15	11,482	11,482	<b>0.90</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
	16	7,917	7,917	<b>6.32</b>	108.5	0.00	88.97	-	-	0.00	0.00	-	0.00
	17	8,435	8,436	<b>5.38</b>	108.5	0.00	89.52	-	-	0.00	0.00	-	0.00
	18	8,869	8,869	<b>4.64</b>	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	19	8,765	8,765	<b>4.82</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	20	9,590	9,591	<b>3.50</b>	108.5	0.00	90.64	-	-	0.00	0.00	-	0.00
	21	10,537	10,537	<b>2.13</b>	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	22	11,664	11,664	<b>0.67</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
	23	12,603	12,603	<b>-0.42</b>	108.5	0.00	93.01	-	-	0.00	0.00	-	0.00
	24	5,113	5,114	<b>12.79</b>	108.5	0.00	85.17	-	-	0.00	0.00	-	0.00
	25	5,517	5,517	<b>11.67</b>	108.5	0.00	85.83	-	-	0.00	0.00	-	0.00
	26	6,007	6,007	<b>10.42</b>	108.5	0.00	86.57	-	-	0.00	0.00	-	0.00
	27	7,264	7,264	<b>7.60</b>	108.5	0.00	88.22	-	-	0.00	0.00	-	0.00
	28	8,770	8,770	<b>4.81</b>	108.5	0.00	89.86	-	-	0.00	0.00	-	0.00
	29	8,184	8,184	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	30	9,374	9,374	<b>3.83</b>	108.5	0.00	90.44	-	-	0.00	0.00	-	0.00
	31	9,737	9,737	<b>3.28</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	32	10,053	10,053	<b>2.81</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	33	10,491	10,491	<b>2.19</b>	108.5	0.00	91.42	-	-	0.00	0.00	-	0.00
	34	11,018	11,018	<b>1.49</b>	108.5	0.00	91.84	-	-	0.00	0.00	-	0.00
	35	12,461	12,461	<b>-0.26</b>	108.5	0.00	92.91	-	-	0.00	0.00	-	0.00
	36	4,342	4,343	<b>15.15</b>	108.5	0.00	83.76	-	-	0.00	0.00	-	0.00
	37	4,869	4,870	<b>13.50</b>	108.5	0.00	84.75	-	-	0.00	0.00	-	0.00
	38	6,879	6,880	<b>8.41</b>	108.5	0.00	87.75	-	-	0.00	0.00	-	0.00
	39	7,363	7,363	<b>7.40</b>	108.5	0.00	88.34	-	-	0.00	0.00	-	0.00
	40	8,044	8,044	<b>6.09</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
	41	8,039	8,039	<b>6.09</b>	108.5	0.00	89.10	-	-	0.00	0.00	-	0.00
	42	8,798	8,798	<b>4.76</b>	108.5	0.00	89.89	-	-	0.00	0.00	-	0.00
	43	6,346	6,347	<b>9.60</b>	108.5	0.00	87.05	-	-	0.00	0.00	-	0.00
	44	7,123	7,123	<b>7.89</b>	108.5	0.00	88.05	-	-	0.00	0.00	-	0.00
	45	7,787	7,787	<b>6.57</b>	108.5	0.00	88.83	-	-	0.00	0.00	-	0.00
	46	6,131	6,132	<b>10.12</b>	108.5	0.00	86.75	-	-	0.00	0.00	-	0.00
	47	6,843	6,844	<b>8.48</b>	108.5	0.00	87.71	-	-	0.00	0.00	-	0.00
	48	9,032	9,032	<b>4.38</b>	108.5	0.00	90.12	-	-	0.00	0.00	-	0.00
	49	11,261	11,261	<b>1.18</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	50	12,482	12,482	<b>-0.29</b>	108.5	0.00	92.93	-	-	0.00	0.00	-	0.00
	51	12,983	12,983	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	52	11,386	11,386	<b>1.02</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
	53	11,902	11,902	<b>0.39</b>	108.5	0.00	92.51	-	-	0.00	0.00	-	0.00
	54	12,400	12,401	<b>-0.19</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	55	12,874	12,874	<b>-0.72</b>	108.5	0.00	93.19	-	-	0.00	0.00	-	0.00
	56	13,390	13,390	<b>-1.27</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	57	11,411	11,411	<b>0.99</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	58	11,910	11,910	<b>0.38</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	59	13,233	13,233	<b>-1.11</b>	108.5	0.00	93.43	-	-	0.00	0.00	-	0.00
	60	13,789	13,789	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	Sum	23.97											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H492 H492

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,601	9,601	<b>3.48</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	2	9,888	9,888	<b>3.05</b>	108.5	0.00	90.90	-	-	0.00	0.00	-	0.00
	3	10,402	10,402	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	4	9,523	9,524	<b>3.60</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	5	11,179	11,179	<b>1.28</b>	108.5	0.00	91.97	-	-	0.00	0.00	-	0.00
	6	10,284	10,284	<b>2.48</b>	108.5	0.00	91.24	-	-	0.00	0.00	-	0.00
	7	10,900	10,900	<b>1.64</b>	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	8	11,748	11,749	<b>0.57</b>	108.5	0.00	92.40	-	-	0.00	0.00	-	0.00
	9	12,581	12,581	<b>-0.40</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	10	11,550	11,550	<b>0.81</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
	11	9,635	9,635	<b>3.43</b>	108.5	0.00	90.68	-	-	0.00	0.00	-	0.00
	12	10,314	10,314	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
	13	11,833	11,833	<b>0.47</b>	108.5	0.00	92.46	-	-	0.00	0.00	-	0.00
	14	12,120	12,120	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	15	12,763	12,763	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	16	9,135	9,135	<b>4.21</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
	17	9,657	9,657	<b>3.40</b>	108.5	0.00	90.70	-	-	0.00	0.00	-	0.00
	18	10,104	10,104	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	19	10,061	10,061	<b>2.80</b>	108.5	0.00	91.05	-	-	0.00	0.00	-	0.00
	20	10,885	10,885	<b>1.66</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
	21	11,843	11,843	<b>0.46</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	22	12,994	12,994	<b>-0.85</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00
	23	13,946	13,946	<b>-1.84</b>	108.5	0.00	93.89	-	-	0.00	0.00	-	0.00
	24	6,379	6,379	<b>9.53</b>	108.5	0.00	87.10	-	-	0.00	0.00	-	0.00
	25	6,802	6,803	<b>8.57</b>	108.5	0.00	87.65	-	-	0.00	0.00	-	0.00
	26	7,305	7,306	<b>7.51</b>	108.5	0.00	88.27	-	-	0.00	0.00	-	0.00
	27	8,612	8,612	<b>5.08</b>	108.5	0.00	89.70	-	-	0.00	0.00	-	0.00
	28	10,099	10,099	<b>2.75</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	29	9,529	9,529	<b>3.59</b>	108.5	0.00	90.58	-	-	0.00	0.00	-	0.00
	30	10,718	10,718	<b>1.89</b>	108.5	0.00	91.60	-	-	0.00	0.00	-	0.00
	31	11,092	11,092	<b>1.39</b>	108.5	0.00	91.90	-	-	0.00	0.00	-	0.00
	32	11,419	11,419	<b>0.98</b>	108.5	0.00	92.15	-	-	0.00	0.00	-	0.00
	33	11,856	11,856	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	34	12,370	12,370	<b>-0.16</b>	108.5	0.00	92.85	-	-	0.00	0.00	-	0.00
	35	13,822	13,822	<b>-1.71</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	36	5,722	5,723	<b>11.14</b>	108.5	0.00	86.15	-	-	0.00	0.00	-	0.00
	37	6,241	6,241	<b>9.85</b>	108.5	0.00	86.91	-	-	0.00	0.00	-	0.00
	38	8,264	8,265	<b>5.68</b>	108.5	0.00	89.34	-	-	0.00	0.00	-	0.00
	39	8,743	8,743	<b>4.85</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
	40	9,417	9,417	<b>3.76</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	41	9,423	9,424	<b>3.75</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	42	10,179	10,179	<b>2.63</b>	108.5	0.00	91.15	-	-	0.00	0.00	-	0.00
	43	7,717	7,717	<b>6.70</b>	108.5	0.00	88.75	-	-	0.00	0.00	-	0.00
	44	8,498	8,499	<b>5.27</b>	108.5	0.00	89.59	-	-	0.00	0.00	-	0.00
	45	9,159	9,159	<b>4.17</b>	108.5	0.00	90.24	-	-	0.00	0.00	-	0.00
	46	7,409	7,409	<b>7.30</b>	108.5	0.00	88.40	-	-	0.00	0.00	-	0.00
	47	8,114	8,115	<b>5.96</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
	48	10,348	10,348	<b>2.39</b>	108.5	0.00	91.30	-	-	0.00	0.00	-	0.00
	49	12,536	12,536	<b>-0.35</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
	50	13,787	13,787	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	51	14,258	14,258	<b>-2.15</b>	108.5	0.00	94.08	-	-	0.00	0.00	-	0.00
	52	12,614	12,614	<b>-0.43</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
	53	13,099	13,099	<b>-0.96</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	54	13,604	13,604	<b>-1.49</b>	108.5	0.00	93.67	-	-	0.00	0.00	-	0.00
	55	14,130	14,130	<b>-2.02</b>	108.5	0.00	94.00	-	-	0.00	0.00	-	0.00
	56	14,594	14,594	<b>-2.47</b>	108.5	0.00	94.28	-	-	0.00	0.00	-	0.00
	57	12,475	12,475	<b>-0.28</b>	108.5	0.00	92.92	-	-	0.00	0.00	-	0.00
	58	12,983	12,983	<b>-0.84</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	59	14,365	14,365	<b>-2.25</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
	60	14,936	14,936	<b>-2.79</b>	108.5	0.00	94.48	-	-	0.00	0.00	-	0.00

Sum 21.41



## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H493 H493

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,218	9,219	<b>4.08</b>	108.5	0.00	90.29	-	-	0.00	0.00	-	0.00
2	9,440	9,440	<b>3.73</b>	108.5	0.00	90.50	-	-	0.00	0.00	-	0.00
3	9,874	9,874	<b>3.07</b>	108.5	0.00	90.89	-	-	0.00	0.00	-	0.00
4	8,981	8,981	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
5	10,485	10,485	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
6	9,486	9,486	<b>3.66</b>	108.5	0.00	90.54	-	-	0.00	0.00	-	0.00
7	10,131	10,131	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
8	10,892	10,892	<b>1.65</b>	108.5	0.00	91.74	-	-	0.00	0.00	-	0.00
9	11,704	11,704	<b>0.62</b>	108.5	0.00	92.37	-	-	0.00	0.00	-	0.00
10	10,605	10,605	<b>2.04</b>	108.5	0.00	91.51	-	-	0.00	0.00	-	0.00
11	8,881	8,881	<b>4.62</b>	108.5	0.00	89.97	-	-	0.00	0.00	-	0.00
12	9,319	9,319	<b>3.92</b>	108.5	0.00	90.39	-	-	0.00	0.00	-	0.00
13	10,754	10,754	<b>1.84</b>	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
14	10,943	10,943	<b>1.59</b>	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
15	11,548	11,548	<b>0.82</b>	108.5	0.00	92.25	-	-	0.00	0.00	-	0.00
16	8,048	8,048	<b>6.08</b>	108.5	0.00	89.11	-	-	0.00	0.00	-	0.00
17	8,561	8,562	<b>5.16</b>	108.5	0.00	89.65	-	-	0.00	0.00	-	0.00
18	8,983	8,983	<b>4.46</b>	108.5	0.00	90.07	-	-	0.00	0.00	-	0.00
19	8,822	8,823	<b>4.72</b>	108.5	0.00	89.91	-	-	0.00	0.00	-	0.00
20	9,647	9,647	<b>3.41</b>	108.5	0.00	90.69	-	-	0.00	0.00	-	0.00
21	10,578	10,578	<b>2.07</b>	108.5	0.00	91.49	-	-	0.00	0.00	-	0.00
22	11,673	11,673	<b>0.66</b>	108.5	0.00	92.34	-	-	0.00	0.00	-	0.00
23	12,592	12,592	<b>-0.41</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
24	5,221	5,221	<b>12.48</b>	108.5	0.00	85.36	-	-	0.00	0.00	-	0.00
25	5,601	5,601	<b>11.45</b>	108.5	0.00	85.97	-	-	0.00	0.00	-	0.00
26	6,072	6,073	<b>10.26</b>	108.5	0.00	86.67	-	-	0.00	0.00	-	0.00
27	7,256	7,256	<b>7.61</b>	108.5	0.00	88.21	-	-	0.00	0.00	-	0.00
28	8,785	8,786	<b>4.78</b>	108.5	0.00	89.88	-	-	0.00	0.00	-	0.00
29	8,177	8,178	<b>5.84</b>	108.5	0.00	89.25	-	-	0.00	0.00	-	0.00
30	9,367	9,367	<b>3.84</b>	108.5	0.00	90.43	-	-	0.00	0.00	-	0.00
31	9,709	9,709	<b>3.32</b>	108.5	0.00	90.74	-	-	0.00	0.00	-	0.00
32	10,000	10,000	<b>2.89</b>	108.5	0.00	91.00	-	-	0.00	0.00	-	0.00
33	10,441	10,442	<b>2.26</b>	108.5	0.00	91.38	-	-	0.00	0.00	-	0.00
34	10,995	10,995	<b>1.52</b>	108.5	0.00	91.82	-	-	0.00	0.00	-	0.00
35	12,415	12,415	<b>-0.21</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
36	4,266	4,267	<b>15.40</b>	108.5	0.00	83.60	-	-	0.00	0.00	-	0.00
37	4,823	4,824	<b>13.64</b>	108.5	0.00	84.67	-	-	0.00	0.00	-	0.00
38	6,749	6,749	<b>8.69</b>	108.5	0.00	87.59	-	-	0.00	0.00	-	0.00
39	7,276	7,276	<b>7.57</b>	108.5	0.00	88.24	-	-	0.00	0.00	-	0.00
40	7,977	7,977	<b>6.21</b>	108.5	0.00	89.04	-	-	0.00	0.00	-	0.00
41	7,921	7,921	<b>6.31</b>	108.5	0.00	88.98	-	-	0.00	0.00	-	0.00
42	8,701	8,701	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
43	6,138	6,138	<b>10.10</b>	108.5	0.00	86.76	-	-	0.00	0.00	-	0.00
44	6,927	6,928	<b>8.30</b>	108.5	0.00	87.81	-	-	0.00	0.00	-	0.00
45	7,581	7,581	<b>6.96</b>	108.5	0.00	88.59	-	-	0.00	0.00	-	0.00
46	5,803	5,804	<b>10.93</b>	108.5	0.00	86.27	-	-	0.00	0.00	-	0.00
47	6,511	6,511	<b>9.22</b>	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
48	8,740	8,740	<b>4.86</b>	108.5	0.00	89.83	-	-	0.00	0.00	-	0.00
49	10,933	10,933	<b>1.60</b>	108.5	0.00	91.77	-	-	0.00	0.00	-	0.00
50	12,178	12,179	<b>0.06</b>	108.5	0.00	92.71	-	-	0.00	0.00	-	0.00
51	12,655	12,655	<b>-0.48</b>	108.5	0.00	93.05	-	-	0.00	0.00	-	0.00
52	11,026	11,026	<b>1.48</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
53	11,525	11,526	<b>0.84</b>	108.5	0.00	92.23	-	-	0.00	0.00	-	0.00
54	12,028	12,028	<b>0.24</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
55	12,533	12,533	<b>-0.34</b>	108.5	0.00	92.96	-	-	0.00	0.00	-	0.00
56	13,018	13,018	<b>-0.88</b>	108.5	0.00	93.29	-	-	0.00	0.00	-	0.00
57	10,981	10,981	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
58	11,483	11,484	<b>0.90</b>	108.5	0.00	92.20	-	-	0.00	0.00	-	0.00
59	12,828	12,828	<b>-0.67</b>	108.5	0.00	93.16	-	-	0.00	0.00	-	0.00
60	13,390	13,390	<b>-1.27</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00

Sum 24.07

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:41 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H494 H494

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,221	10,222	<b>2.57</b>	108.5	0.00	91.19	-	-	0.00	0.00	-	0.00
	2	10,485	10,485	<b>2.20</b>	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	3	10,969	10,969	<b>1.55</b>	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	4	10,082	10,082	<b>2.77</b>	108.5	0.00	91.07	-	-	0.00	0.00	-	0.00
	5	11,676	11,676	<b>0.66</b>	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	6	10,728	10,728	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
	7	11,360	11,360	<b>1.05</b>	108.5	0.00	92.11	-	-	0.00	0.00	-	0.00
	8	12,166	12,166	<b>0.08</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
	9	12,989	12,989	<b>-0.85</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	10	11,919	11,919	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	11	10,099	10,099	<b>2.74</b>	108.5	0.00	91.09	-	-	0.00	0.00	-	0.00
	12	10,652	10,652	<b>1.97</b>	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	13	12,122	12,122	<b>0.13</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	14	12,342	12,342	<b>-0.13</b>	108.5	0.00	92.83	-	-	0.00	0.00	-	0.00
	15	12,958	12,958	<b>-0.81</b>	108.5	0.00	93.25	-	-	0.00	0.00	-	0.00
	16	9,414	9,414	<b>3.77</b>	108.5	0.00	90.48	-	-	0.00	0.00	-	0.00
	17	9,931	9,932	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
	18	10,363	10,363	<b>2.37</b>	108.5	0.00	91.31	-	-	0.00	0.00	-	0.00
	19	10,235	10,236	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	20	11,061	11,061	<b>1.43</b>	108.5	0.00	91.88	-	-	0.00	0.00	-	0.00
	21	11,998	11,998	<b>0.27</b>	108.5	0.00	92.58	-	-	0.00	0.00	-	0.00
	22	13,103	13,103	<b>-0.97</b>	108.5	0.00	93.35	-	-	0.00	0.00	-	0.00
	23	14,025	14,025	<b>-1.92</b>	108.5	0.00	93.94	-	-	0.00	0.00	-	0.00
	24	6,603	6,603	<b>9.02</b>	108.5	0.00	87.40	-	-	0.00	0.00	-	0.00
	25	6,998	6,998	<b>8.15</b>	108.5	0.00	87.90	-	-	0.00	0.00	-	0.00
	26	7,480	7,480	<b>7.16</b>	108.5	0.00	88.48	-	-	0.00	0.00	-	0.00
	27	8,687	8,688	<b>4.95</b>	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	28	10,213	10,213	<b>2.58</b>	108.5	0.00	91.18	-	-	0.00	0.00	-	0.00
	29	9,609	9,609	<b>3.47</b>	108.5	0.00	90.65	-	-	0.00	0.00	-	0.00
	30	10,799	10,799	<b>1.78</b>	108.5	0.00	91.67	-	-	0.00	0.00	-	0.00
	31	11,143	11,143	<b>1.33</b>	108.5	0.00	91.94	-	-	0.00	0.00	-	0.00
	32	11,433	11,434	<b>0.96</b>	108.5	0.00	92.16	-	-	0.00	0.00	-	0.00
	33	11,875	11,875	<b>0.42</b>	108.5	0.00	92.49	-	-	0.00	0.00	-	0.00
	34	12,429	12,429	<b>-0.23</b>	108.5	0.00	92.89	-	-	0.00	0.00	-	0.00
	35	13,849	13,849	<b>-1.74</b>	108.5	0.00	93.83	-	-	0.00	0.00	-	0.00
	36	5,698	5,699	<b>11.20</b>	108.5	0.00	86.12	-	-	0.00	0.00	-	0.00
	37	6,257	6,257	<b>9.81</b>	108.5	0.00	86.93	-	-	0.00	0.00	-	0.00
	38	8,163	8,163	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
	39	8,704	8,704	<b>4.92</b>	108.5	0.00	89.79	-	-	0.00	0.00	-	0.00
	40	9,409	9,409	<b>3.78</b>	108.5	0.00	90.47	-	-	0.00	0.00	-	0.00
	41	9,339	9,339	<b>3.89</b>	108.5	0.00	90.41	-	-	0.00	0.00	-	0.00
	42	10,126	10,126	<b>2.71</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	43	7,501	7,501	<b>7.12</b>	108.5	0.00	88.50	-	-	0.00	0.00	-	0.00
	44	8,299	8,299	<b>5.62</b>	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	45	8,942	8,942	<b>4.52</b>	108.5	0.00	90.03	-	-	0.00	0.00	-	0.00
	46	7,009	7,010	<b>8.13</b>	108.5	0.00	87.91	-	-	0.00	0.00	-	0.00
	47	7,700	7,700	<b>6.73</b>	108.5	0.00	88.73	-	-	0.00	0.00	-	0.00
	48	9,987	9,987	<b>2.91</b>	108.5	0.00	90.99	-	-	0.00	0.00	-	0.00
	49	12,104	12,104	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
	50	13,394	13,394	<b>-1.28</b>	108.5	0.00	93.54	-	-	0.00	0.00	-	0.00
	51	13,822	13,822	<b>-1.71</b>	108.5	0.00	93.81	-	-	0.00	0.00	-	0.00
	52	12,126	12,126	<b>0.12</b>	108.5	0.00	92.67	-	-	0.00	0.00	-	0.00
	53	12,577	12,577	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
	54	13,088	13,088	<b>-0.95</b>	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	55	13,670	13,670	<b>-1.56</b>	108.5	0.00	93.72	-	-	0.00	0.00	-	0.00
	56	14,076	14,076	<b>-1.97</b>	108.5	0.00	93.97	-	-	0.00	0.00	-	0.00
	57	11,851	11,851	<b>0.45</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	58	12,362	12,363	<b>-0.15</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
	59	13,784	13,784	<b>-1.68</b>	108.5	0.00	93.79	-	-	0.00	0.00	-	0.00
	60	14,365	14,365	<b>-2.25</b>	108.5	0.00	94.15	-	-	0.00	0.00	-	0.00
Sum		21.35											

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H495 H495

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,670	10,670	<b>1.95</b>	108.5	0.00	91.56	-	-	0.00	0.00	-	0.00
	2	10,880	10,881	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	3	11,297	11,297	<b>1.13</b>	108.5	0.00	92.06	-	-	0.00	0.00	-	0.00
	4	10,403	10,403	<b>2.32</b>	108.5	0.00	91.34	-	-	0.00	0.00	-	0.00
	5	11,856	11,856	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	6	10,821	10,821	<b>1.75</b>	108.5	0.00	91.69	-	-	0.00	0.00	-	0.00
	7	11,474	11,474	<b>0.91</b>	108.5	0.00	92.19	-	-	0.00	0.00	-	0.00
	8	12,192	12,192	<b>0.05</b>	108.5	0.00	92.72	-	-	0.00	0.00	-	0.00
	9	12,989	12,989	<b>-0.85</b>	108.5	0.00	93.27	-	-	0.00	0.00	-	0.00
	10	11,858	11,858	<b>0.44</b>	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	11	10,237	10,237	<b>2.55</b>	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	12	10,552	10,552	<b>2.11</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	13	11,917	11,917	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
	14	12,024	12,024	<b>0.24</b>	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	15	12,587	12,587	<b>-0.40</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	16	9,232	9,232	<b>4.06</b>	108.5	0.00	90.31	-	-	0.00	0.00	-	0.00
	17	9,732	9,732	<b>3.28</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
	18	10,130	10,130	<b>2.70</b>	108.5	0.00	91.11	-	-	0.00	0.00	-	0.00
	19	9,865	9,865	<b>3.09</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
	20	10,680	10,680	<b>1.94</b>	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	21	11,574	11,574	<b>0.78</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	22	12,592	12,592	<b>-0.41</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	23	13,462	13,462	<b>-1.35</b>	108.5	0.00	93.58	-	-	0.00	0.00	-	0.00
	24	6,401	6,401	<b>9.48</b>	108.5	0.00	87.13	-	-	0.00	0.00	-	0.00
	25	6,735	6,735	<b>8.72</b>	108.5	0.00	87.57	-	-	0.00	0.00	-	0.00
	26	7,165	7,166	<b>7.80</b>	108.5	0.00	88.11	-	-	0.00	0.00	-	0.00
	27	8,184	8,184	<b>5.83</b>	108.5	0.00	89.26	-	-	0.00	0.00	-	0.00
	28	9,744	9,744	<b>3.27</b>	108.5	0.00	90.77	-	-	0.00	0.00	-	0.00
	29	9,096	9,096	<b>4.27</b>	108.5	0.00	90.18	-	-	0.00	0.00	-	0.00
	30	10,271	10,271	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
	31	10,562	10,562	<b>2.10</b>	108.5	0.00	91.47	-	-	0.00	0.00	-	0.00
	32	10,793	10,794	<b>1.78</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	33	11,237	11,237	<b>1.21</b>	108.5	0.00	92.01	-	-	0.00	0.00	-	0.00
	34	11,847	11,847	<b>0.45</b>	108.5	0.00	92.47	-	-	0.00	0.00	-	0.00
	35	13,205	13,205	<b>-1.08</b>	108.5	0.00	93.42	-	-	0.00	0.00	-	0.00
	36	5,130	5,130	<b>12.74</b>	108.5	0.00	85.20	-	-	0.00	0.00	-	0.00
	37	5,728	5,728	<b>11.12</b>	108.5	0.00	86.16	-	-	0.00	0.00	-	0.00
	38	7,398	7,398	<b>7.33</b>	108.5	0.00	88.38	-	-	0.00	0.00	-	0.00
	39	8,023	8,023	<b>6.12</b>	108.5	0.00	89.09	-	-	0.00	0.00	-	0.00
	40	8,761	8,761	<b>4.82</b>	108.5	0.00	89.85	-	-	0.00	0.00	-	0.00
	41	8,578	8,578	<b>5.13</b>	108.5	0.00	89.67	-	-	0.00	0.00	-	0.00
	42	9,401	9,401	<b>3.79</b>	108.5	0.00	90.46	-	-	0.00	0.00	-	0.00
	43	6,585	6,585	<b>9.06</b>	108.5	0.00	87.37	-	-	0.00	0.00	-	0.00
	44	7,391	7,391	<b>7.34</b>	108.5	0.00	88.37	-	-	0.00	0.00	-	0.00
	45	8,000	8,000	<b>6.17</b>	108.5	0.00	89.06	-	-	0.00	0.00	-	0.00
	46	5,858	5,858	<b>10.79</b>	108.5	0.00	86.36	-	-	0.00	0.00	-	0.00
	47	6,521	6,522	<b>9.20</b>	108.5	0.00	87.29	-	-	0.00	0.00	-	0.00
	48	8,848	8,848	<b>4.68</b>	108.5	0.00	89.94	-	-	0.00	0.00	-	0.00
	49	10,876	10,876	<b>1.67</b>	108.5	0.00	91.73	-	-	0.00	0.00	-	0.00
	50	12,202	12,202	<b>0.03</b>	108.5	0.00	92.73	-	-	0.00	0.00	-	0.00
	51	12,583	12,583	<b>-0.40</b>	108.5	0.00	93.00	-	-	0.00	0.00	-	0.00
	52	10,842	10,842	<b>1.72</b>	108.5	0.00	91.70	-	-	0.00	0.00	-	0.00
	53	11,262	11,262	<b>1.17</b>	108.5	0.00	92.03	-	-	0.00	0.00	-	0.00
	54	11,776	11,776	<b>0.54</b>	108.5	0.00	92.42	-	-	0.00	0.00	-	0.00
	55	12,408	12,408	<b>-0.20</b>	108.5	0.00	92.87	-	-	0.00	0.00	-	0.00
	56	12,760	12,760	<b>-0.60</b>	108.5	0.00	93.12	-	-	0.00	0.00	-	0.00
	57	10,461	10,462	<b>2.23</b>	108.5	0.00	91.39	-	-	0.00	0.00	-	0.00
	58	10,975	10,975	<b>1.54</b>	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	59	12,420	12,420	<b>-0.22</b>	108.5	0.00	92.88	-	-	0.00	0.00	-	0.00
	60	13,008	13,009	<b>-0.87</b>	108.5	0.00	93.28	-	-	0.00	0.00	-	0.00

Sum 22.46

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H496 H496

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,747	10,747	1.85	108.5	0.00	91.63	-	-	0.00	0.00	-	0.00
	2	10,961	10,961	1.56	108.5	0.00	91.80	-	-	0.00	0.00	-	0.00
	3	11,381	11,381	1.02	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
	4	10,487	10,487	2.20	108.5	0.00	91.41	-	-	0.00	0.00	-	0.00
	5	11,947	11,947	0.33	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	6	10,916	10,916	1.62	108.5	0.00	91.76	-	-	0.00	0.00	-	0.00
	7	11,569	11,569	0.79	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
	8	12,290	12,290	-0.07	108.5	0.00	92.79	-	-	0.00	0.00	-	0.00
	9	13,088	13,088	-0.95	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00
	10	11,959	11,959	0.32	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	11	10,330	10,330	2.42	108.5	0.00	91.28	-	-	0.00	0.00	-	0.00
	12	10,654	10,654	1.97	108.5	0.00	91.55	-	-	0.00	0.00	-	0.00
	13	12,023	12,023	0.24	108.5	0.00	92.60	-	-	0.00	0.00	-	0.00
	14	12,133	12,133	0.11	108.5	0.00	92.68	-	-	0.00	0.00	-	0.00
	15	12,697	12,697	-0.53	108.5	0.00	93.07	-	-	0.00	0.00	-	0.00
	16	9,336	9,337	3.89	108.5	0.00	90.40	-	-	0.00	0.00	-	0.00
	17	9,837	9,837	3.13	108.5	0.00	90.86	-	-	0.00	0.00	-	0.00
	18	10,237	10,237	2.55	108.5	0.00	91.20	-	-	0.00	0.00	-	0.00
	19	9,975	9,975	2.93	108.5	0.00	90.98	-	-	0.00	0.00	-	0.00
	20	10,791	10,791	1.79	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
	21	11,685	11,685	0.65	108.5	0.00	92.35	-	-	0.00	0.00	-	0.00
	22	12,705	12,705	-0.54	108.5	0.00	93.08	-	-	0.00	0.00	-	0.00
	23	13,575	13,575	-1.46	108.5	0.00	93.65	-	-	0.00	0.00	-	0.00
	24	6,505	6,505	9.24	108.5	0.00	87.27	-	-	0.00	0.00	-	0.00
	25	6,841	6,841	8.49	108.5	0.00	87.70	-	-	0.00	0.00	-	0.00
	26	7,273	7,274	7.58	108.5	0.00	88.23	-	-	0.00	0.00	-	0.00
	27	8,296	8,296	5.63	108.5	0.00	89.38	-	-	0.00	0.00	-	0.00
	28	9,856	9,856	3.10	108.5	0.00	90.87	-	-	0.00	0.00	-	0.00
	29	9,208	9,208	4.09	108.5	0.00	90.28	-	-	0.00	0.00	-	0.00
	30	10,384	10,384	2.34	108.5	0.00	91.33	-	-	0.00	0.00	-	0.00
	31	10,675	10,675	1.94	108.5	0.00	91.57	-	-	0.00	0.00	-	0.00
	32	10,907	10,907	1.63	108.5	0.00	91.75	-	-	0.00	0.00	-	0.00
	33	11,350	11,350	1.06	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	34	11,960	11,960	0.32	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00
	35	13,319	13,319	-1.20	108.5	0.00	93.49	-	-	0.00	0.00	-	0.00
	36	5,242	5,243	12.42	108.5	0.00	85.39	-	-	0.00	0.00	-	0.00
	37	5,840	5,840	10.84	108.5	0.00	86.33	-	-	0.00	0.00	-	0.00
	38	7,512	7,512	7.10	108.5	0.00	88.52	-	-	0.00	0.00	-	0.00
	39	8,137	8,137	5.92	108.5	0.00	89.21	-	-	0.00	0.00	-	0.00
	40	8,875	8,875	4.63	108.5	0.00	89.96	-	-	0.00	0.00	-	0.00
	41	8,691	8,692	4.94	108.5	0.00	89.78	-	-	0.00	0.00	-	0.00
	42	9,515	9,515	3.61	108.5	0.00	90.57	-	-	0.00	0.00	-	0.00
	43	6,697	6,697	8.81	108.5	0.00	87.52	-	-	0.00	0.00	-	0.00
	44	7,503	7,503	7.12	108.5	0.00	88.51	-	-	0.00	0.00	-	0.00
	45	8,111	8,111	5.96	108.5	0.00	89.18	-	-	0.00	0.00	-	0.00
	46	5,961	5,962	10.53	108.5	0.00	86.51	-	-	0.00	0.00	-	0.00
	47	6,623	6,623	8.97	108.5	0.00	87.42	-	-	0.00	0.00	-	0.00
	48	8,952	8,952	4.51	108.5	0.00	90.04	-	-	0.00	0.00	-	0.00
	49	10,973	10,973	1.55	108.5	0.00	91.81	-	-	0.00	0.00	-	0.00
	50	12,301	12,301	-0.08	108.5	0.00	92.80	-	-	0.00	0.00	-	0.00
	51	12,678	12,678	-0.51	108.5	0.00	93.06	-	-	0.00	0.00	-	0.00
	52	10,933	10,933	1.60	108.5	0.00	91.78	-	-	0.00	0.00	-	0.00
	53	11,349	11,349	1.06	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
	54	11,864	11,864	0.43	108.5	0.00	92.48	-	-	0.00	0.00	-	0.00
	55	12,501	12,501	-0.31	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	56	12,847	12,847	-0.69	108.5	0.00	93.18	-	-	0.00	0.00	-	0.00
	57	10,534	10,534	2.13	108.5	0.00	91.45	-	-	0.00	0.00	-	0.00
	58	11,048	11,048	1.45	108.5	0.00	91.87	-	-	0.00	0.00	-	0.00
	59	12,499	12,499	-0.31	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
	60	13,088	13,088	-0.95	108.5	0.00	93.34	-	-	0.00	0.00	-	0.00

Sum 22.25

## DECIBEL - Detailed results

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H497 H497

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,385	11,385	<b>1.02</b>	108.5	0.00	92.13	-	-	0.00	0.00	-	0.00
2	11,556	11,556	<b>0.81</b>	108.5	0.00	92.26	-	-	0.00	0.00	-	0.00
3	11,919	11,919	<b>0.37</b>	108.5	0.00	92.52	-	-	0.00	0.00	-	0.00
4	11,029	11,029	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
5	12,360	12,360	<b>-0.15</b>	108.5	0.00	92.84	-	-	0.00	0.00	-	0.00
6	11,268	11,268	<b>1.17</b>	108.5	0.00	92.04	-	-	0.00	0.00	-	0.00
7	11,931	11,931	<b>0.35</b>	108.5	0.00	92.53	-	-	0.00	0.00	-	0.00
8	12,570	12,570	<b>-0.39</b>	108.5	0.00	92.99	-	-	0.00	0.00	-	0.00
9	13,338	13,338	<b>-1.22</b>	108.5	0.00	93.50	-	-	0.00	0.00	-	0.00
10	12,168	12,168	<b>0.07</b>	108.5	0.00	92.70	-	-	0.00	0.00	-	0.00
11	10,727	10,727	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
12	10,846	10,846	<b>1.71</b>	108.5	0.00	91.71	-	-	0.00	0.00	-	0.00
13	12,105	12,105	<b>0.15</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
14	12,111	12,111	<b>0.14</b>	108.5	0.00	92.66	-	-	0.00	0.00	-	0.00
15	12,621	12,621	<b>-0.44</b>	108.5	0.00	93.02	-	-	0.00	0.00	-	0.00
16	9,477	9,477	<b>3.67</b>	108.5	0.00	90.53	-	-	0.00	0.00	-	0.00
17	9,954	9,954	<b>2.96</b>	108.5	0.00	90.96	-	-	0.00	0.00	-	0.00
18	10,317	10,317	<b>2.44</b>	108.5	0.00	91.27	-	-	0.00	0.00	-	0.00
19	9,933	9,933	<b>2.99</b>	108.5	0.00	90.94	-	-	0.00	0.00	-	0.00
20	10,728	10,728	<b>1.87</b>	108.5	0.00	91.61	-	-	0.00	0.00	-	0.00
21	11,569	11,569	<b>0.79</b>	108.5	0.00	92.27	-	-	0.00	0.00	-	0.00
22	12,496	12,496	<b>-0.30</b>	108.5	0.00	92.94	-	-	0.00	0.00	-	0.00
23	13,307	13,307	<b>-1.18</b>	108.5	0.00	93.48	-	-	0.00	0.00	-	0.00
24	6,703	6,703	<b>8.79</b>	108.5	0.00	87.53	-	-	0.00	0.00	-	0.00
25	6,972	6,973	<b>8.21</b>	108.5	0.00	87.87	-	-	0.00	0.00	-	0.00
26	7,345	7,345	<b>7.43</b>	108.5	0.00	88.32	-	-	0.00	0.00	-	0.00
27	8,161	8,161	<b>5.87</b>	108.5	0.00	89.24	-	-	0.00	0.00	-	0.00
28	9,723	9,724	<b>3.30</b>	108.5	0.00	90.76	-	-	0.00	0.00	-	0.00
29	9,045	9,045	<b>4.36</b>	108.5	0.00	90.13	-	-	0.00	0.00	-	0.00
30	10,186	10,186	<b>2.62</b>	108.5	0.00	91.16	-	-	0.00	0.00	-	0.00
31	10,422	10,422	<b>2.29</b>	108.5	0.00	91.36	-	-	0.00	0.00	-	0.00
32	10,593	10,593	<b>2.05</b>	108.5	0.00	91.50	-	-	0.00	0.00	-	0.00
33	11,032	11,032	<b>1.47</b>	108.5	0.00	91.85	-	-	0.00	0.00	-	0.00
34	11,690	11,690	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
35	12,976	12,976	<b>-0.83</b>	108.5	0.00	93.26	-	-	0.00	0.00	-	0.00
36	5,156	5,157	<b>12.67</b>	108.5	0.00	85.25	-	-	0.00	0.00	-	0.00
37	5,762	5,762	<b>11.03</b>	108.5	0.00	86.21	-	-	0.00	0.00	-	0.00
38	7,132	7,132	<b>7.87</b>	108.5	0.00	88.06	-	-	0.00	0.00	-	0.00
39	7,829	7,829	<b>6.49</b>	108.5	0.00	88.87	-	-	0.00	0.00	-	0.00
40	8,585	8,586	<b>5.12</b>	108.5	0.00	89.68	-	-	0.00	0.00	-	0.00
41	8,289	8,289	<b>5.64</b>	108.5	0.00	89.37	-	-	0.00	0.00	-	0.00
42	9,135	9,135	<b>4.21</b>	108.5	0.00	90.21	-	-	0.00	0.00	-	0.00
43	6,173	6,173	<b>10.02</b>	108.5	0.00	86.81	-	-	0.00	0.00	-	0.00
44	6,966	6,966	<b>8.22</b>	108.5	0.00	87.86	-	-	0.00	0.00	-	0.00
45	7,521	7,522	<b>7.08</b>	108.5	0.00	88.53	-	-	0.00	0.00	-	0.00
46	5,166	5,166	<b>12.64</b>	108.5	0.00	85.26	-	-	0.00	0.00	-	0.00
47	5,774	5,775	<b>11.00</b>	108.5	0.00	86.23	-	-	0.00	0.00	-	0.00
48	8,118	8,118	<b>5.95</b>	108.5	0.00	89.19	-	-	0.00	0.00	-	0.00
49	10,011	10,011	<b>2.87</b>	108.5	0.00	91.01	-	-	0.00	0.00	-	0.00
50	11,376	11,376	<b>1.03</b>	108.5	0.00	92.12	-	-	0.00	0.00	-	0.00
51	11,694	11,694	<b>0.64</b>	108.5	0.00	92.36	-	-	0.00	0.00	-	0.00
52	9,900	9,900	<b>3.03</b>	108.5	0.00	90.91	-	-	0.00	0.00	-	0.00
53	10,273	10,273	<b>2.50</b>	108.5	0.00	91.23	-	-	0.00	0.00	-	0.00
54	10,790	10,790	<b>1.79</b>	108.5	0.00	91.66	-	-	0.00	0.00	-	0.00
55	11,489	11,489	<b>0.89</b>	108.5	0.00	92.21	-	-	0.00	0.00	-	0.00
56	11,765	11,765	<b>0.55</b>	108.5	0.00	92.41	-	-	0.00	0.00	-	0.00
57	9,352	9,352	<b>3.87</b>	108.5	0.00	90.42	-	-	0.00	0.00	-	0.00
58	9,868	9,868	<b>3.08</b>	108.5	0.00	90.88	-	-	0.00	0.00	-	0.00
59	11,352	11,352	<b>1.06</b>	108.5	0.00	92.10	-	-	0.00	0.00	-	0.00
60	11,950	11,950	<b>0.33</b>	108.5	0.00	92.55	-	-	0.00	0.00	-	0.00

Sum 22.86

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s

### Noise calculation model:

ISO 9613-2 General

### Wind speed:

95% rated power

### Ground attenuation:

General, fixed, Ground factor: 0.5

### Meteorological coefficient, CO:

0.0 dB

### Type of demand in calculation:

2: WTG plus ambient noise is compared to ambient noise plus margin (FR etc.)

### Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

### Pure tones:

Pure and Impulse tone penalty are added to WTG source noise

### Height above ground level, when no value in NSA object:

1.5 m Don't allow override of model height with height from NSA object

### Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0.0 dB(A)

### Octave data required

Air absorption

63	125	250	500	1,000	2,000	4,000	8,000
[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]
0.1	0.4	1.0	1.9	3.7	9.7	32.8	117.0

WTG: VESTAS V126-3.3 3300 126.0 !O!

Noise: Mode 0 - - 95% Rated Octave (10 m/s) - 04-2015

Source	Source/Date	Creator	Edited
Manufacturer	3/10/2016	USER	6/29/2016 4:29 PM

Based on Vestas Doc. No. DMS 0048-2151 V02

Status	Hub height [m]	Wind speed [m/s]	LwA,ref [dB(A)]	Pure tones	Octave data							
					63	125	250	500	1000	2000	4000	8000
From Windcat	87.0	95% rated power	108.5	No	84.6	93.1	98.6	103.4	104.1	99.8	96.0	81.0

NSA: H048-H048

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

NSA: H049-H049

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

NSA: H050-H050

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

Project:

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Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H051-H051

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H052-H052

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H053-H053

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H080-H080

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H081-H081

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H082-H082

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H083-H083

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H084-H084

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H085-H085

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H086-H086

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H087-H087

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H088-H088

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H090-H090

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H091-H091

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H092-H092

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H093-H093

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H094-H094

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H095-H095

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H096-H096

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H097-H097

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H112-H112

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H113-H113

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H114-H114

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H115-H115

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H116-H116

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H117-H117

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H118-H118

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H119-H119

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H147-H147

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H148-H148

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H149-H149

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H150-H150

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H151-H151

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H152-H152

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H153-H153

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H154-H154

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H155-H155

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H156-H156

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H157-H157

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H161-H161

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H163-H163

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H165-H165

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H166-H166

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H167-H167

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H168-H168

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H169-H169

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H170-H170

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H171-H171

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H172-H172

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H173-H173

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H174-H174

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H175-H175

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H198-H198

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H199-H199

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H200-H200

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H201-H201

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H202-H202

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H203-H203

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H204-H204

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H206-H206

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H207-H207

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H208-H208

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H209-H209

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H210-H210

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H211-H211

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H212-H212

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H213-H213

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H214-H214

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H215-H215

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H217-H217

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H220-H220

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H221-H221

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H222-H222

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H224-H224

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H225-H225

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H226-H226

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H227-H227

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H228-H228

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H230-H230

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H233-H233

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H248-H248

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H249-H249

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H250-H250

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H251-H251

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H252-H252

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H253-H253

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H254-H254

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H255-H255

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H257-H257

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H258-H258

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H259-H259

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H260-H260

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H261-H261

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H262-H262

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H278-H278

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H279-H279

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H280-H280

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H281-H281

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H282-H282

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H283-H283

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H284-H284

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H285-H285

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H286-H286

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H287-H287

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H288-H288

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H289-H289

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H292-H292

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H293-H293

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H294-H294

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H295-H295

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H296-H296

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H297-H297

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H299-H299

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H300-H300

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H301-H301

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H302-H302

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H303-H303

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H305-H305

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H307-H307

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H308-H308

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H309-H309

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H310-H310

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H311-H311

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H312-H312

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H313-H313

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H314-H314

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H315-H315

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H316-H316

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H317-H317

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H318-H318

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H319-H319

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H320-H320

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H321-H321

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H322-H322

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H323-H323

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H324-H324

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H325-H325

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H326-H326

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H327-H327

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H328-H328

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H330-H330

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H331-H331

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H334-H334

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H335-H335

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H336-H336

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H337-H337

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H338-H338

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H339-H339

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H340-H340

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H341-H341

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H342-H342

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H343-H343

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H345-H345

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H346-H346

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H347-H347

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H348-H348

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H349-H349

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H350-H350

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H351-H351

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H352-H352

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H353-H353

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H354-H354

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H355-H355

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H356-H356

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H357-H357

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H358-H358

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H359-H359

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H360-H360

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H361-H361

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H362-H362

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H363-H363

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H364-H364

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H365-H365

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H366-H366

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H367-H367

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H368-H368

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H369-H369

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H370-H370

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H371-H371

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H372-H372

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H373-H373

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H374-H374

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H375-H375

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H376-H376

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H377-H377

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H378-H378

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H379-H379

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H380-H380

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H381-H381

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H382-H382

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H383-H383

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H384-H384

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H385-H385

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H386-H386

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H387-H387

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H388-H388

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H389-H389

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H390-H390

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H391-H391

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H392-H392

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H393-H393

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H394-H394

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H395-H395

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H396-H396

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H397-H397

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H398-H398

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H399-H399

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H400-H400

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H401-H401

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H402-H402

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H403-H403

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H404-H404

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H405-H405

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H406-H406

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H407-H407

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H408-H408

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H409-H409

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H410-H410

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H411-H411

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H412-H412

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H413-H413

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H414-H414

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H415-H415

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H416-H416

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H417-H417

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H418-H418

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H419-H419

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H420-H420

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H421-H421

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H422-H422

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H423-H423

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H424-H424

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H425-H425

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H426-H426

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H427-H427

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H428-H428

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H429-H429

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H430-H430

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H431-H431

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H432-H432

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H433-H433

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H434-H434

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H435-H435

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H436-H436

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H437-H437

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H438-H438

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H439-H439

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H440-H440

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H441-H441

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H442-H442

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H443-H443

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H444-H444

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H445-H445

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H446-H446

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H447-H447

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H448-H448

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H449-H449

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H450-H450

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H451-H451

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H452-H452

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H453-H453

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H454-H454

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H455-H455

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H456-H456

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H457-H457

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H458-H458

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H459-H459

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H460-H460

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H461-H461

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H462-H462

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H463-H463

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H464-H464

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H465-H465

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H466-H466

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H467-H467

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H468-H468

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H469-H469

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H470-H470

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H471-H471

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H472-H472

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H473-H473

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H474-H474

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H475-H475

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H476-H476

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H477-H477

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H478-H478

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H479-H479

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H480-H480

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H481-H481

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H482-H482

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H483-H483

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H484-H484

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H485-H485

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H486-H486

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:41 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H487-H487

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H488-H488

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H489-H489

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H490-H490

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H491-H491

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H492-H492

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H493-H493

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**

3100 DeMers Avenue

US-GRAND FORKS, ND 58201

+1 701 775 3000

Jay Haley / jhaley@eapc.net

Calculated:

6/30/2016 1:41 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V126 Day v25 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H494-H494

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H495-H495

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H496-H496

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H497-H497

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

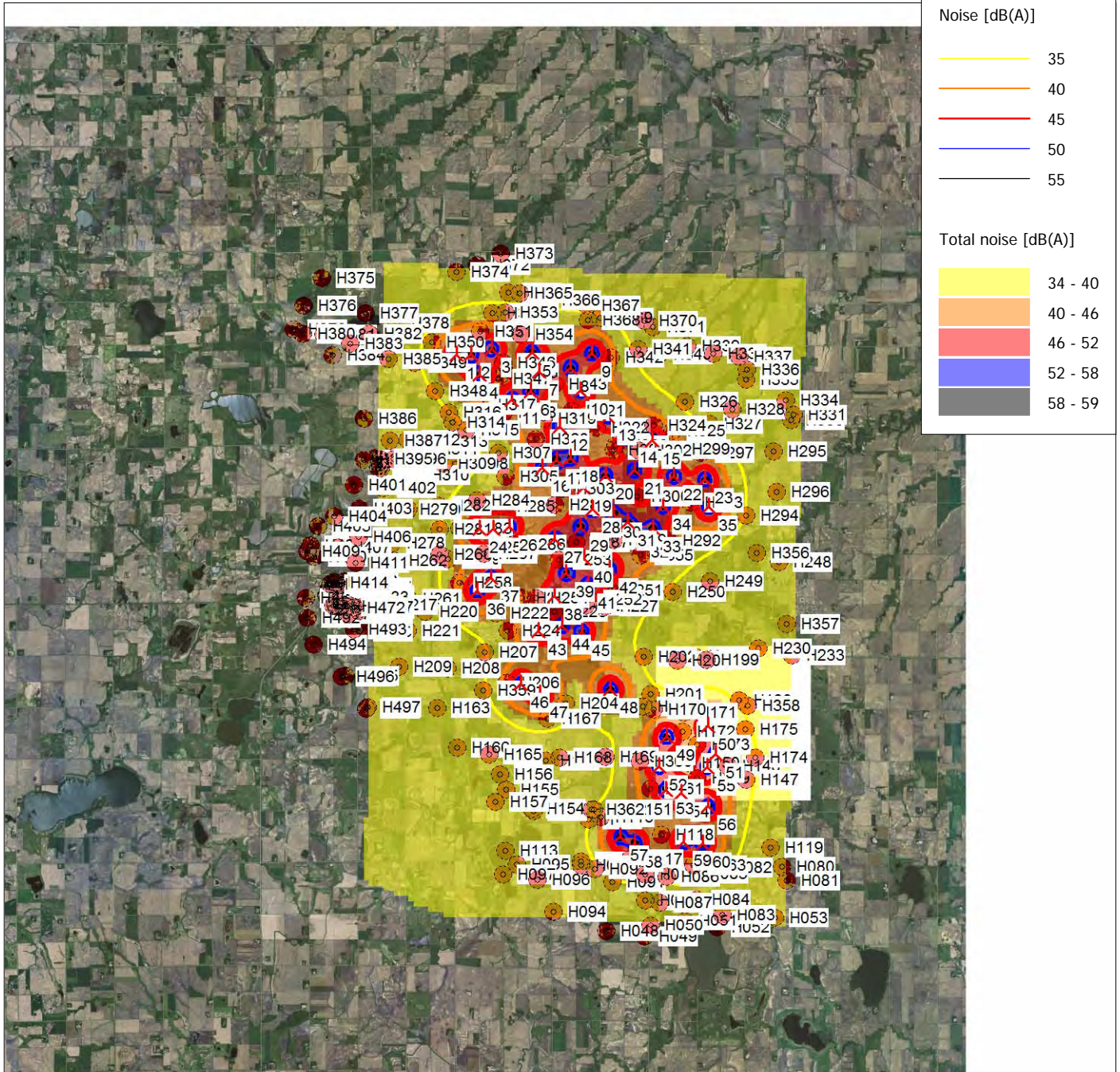
**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**DECIBEL - Map 95% rated power**

Calculation: V126 Day v25Noise calculation model: ISO 9613-2 General 8.0 m/s



Map: US Naval Research Laboratory , Print scale 1:200,000, Map center UTM (north)-NAD83 (US+CA) Zone: 14 East: 725,557 North: 4,927,072  
 New WTG Noise sensitive area  
 Noise calculation model: ISO 9613-2 General. Wind speed: 95% rated power  
 Total noise with ambient noise from: V:\EAPC WIND PROJECTS\20162030 - Westwood Red Pine\GIS\Shape Files\TestAmbient.shp  
 Height above sea level from active line object





## DECIBEL - Main Result

### Calculation: V100 Day v26

...continued from previous page

Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H050	H050	729,569	4,916,874	509.0	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H051	H051	730,735	4,917,064	503.4	1.5	40.0	20.0	60.0	27.5	40.2	0.2	Yes
H052	H052	731,794	4,916,898	502.9	1.5	40.0	20.0	60.0	26.1	40.2	0.2	Yes
H053	H053	733,740	4,917,275	503.6	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H080	H080	733,892	4,918,871	496.1	1.5	40.0	20.0	60.0	26.5	40.2	0.2	Yes
H081	H081	734,062	4,918,455	492.4	1.5	40.0	20.0	60.0	25.4	40.1	0.1	Yes
H082	H082	731,822	4,918,771	504.0	1.5	40.0	20.0	60.0	34.8	41.1	1.1	Yes
H083	H083	731,969	4,917,306	501.5	1.5	40.0	20.0	60.0	27.2	40.2	0.2	Yes
H084	H084	731,115	4,917,750	504.7	1.5	40.0	20.0	60.0	30.2	40.4	0.4	Yes
H085	H085	730,996	4,918,554	509.0	1.5	40.0	20.0	60.0	35.6	41.3	1.3	Yes
H086	H086	730,055	4,918,409	509.0	1.5	40.0	20.0	60.0	33.9	40.9	0.9	Yes
H087	H087	729,859	4,917,612	504.6	1.5	40.0	20.0	60.0	29.8	40.4	0.4	Yes
H088	H088	729,346	4,918,466	511.6	1.5	40.0	20.0	60.0	34.5	41.1	1.1	Yes
H090	H090	729,379	4,917,669	504.4	1.5	40.0	20.0	60.0	30.1	40.4	0.4	Yes
H091	H091	728,270	4,918,198	512.1	1.5	40.0	20.0	60.0	32.2	40.7	0.7	Yes
H092	H092	727,660	4,918,585	507.0	1.5	40.0	20.0	60.0	32.9	40.8	0.8	Yes
H093	H093	727,196	4,918,680	503.0	1.5	40.0	20.0	60.0	31.4	40.6	0.6	Yes
H094	H094	726,328	4,917,193	508.3	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H095	H095	725,053	4,918,637	503.7	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H096	H096	725,749	4,918,172	506.0	1.5	40.0	20.0	60.0	25.4	40.1	0.1	Yes
H097	H097	724,605	4,918,290	505.3	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H112	H112	725,564	4,920,316	506.0	1.5	40.0	20.0	60.0	27.9	40.3	0.3	Yes
H113	H113	724,645	4,919,053	515.1	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H114	H114	727,408	4,920,113	496.8	1.5	40.0	20.0	60.0	36.2	41.5	1.5	Yes
H115	H115	727,195	4,918,789	503.5	1.5	40.0	20.0	60.0	31.9	40.6	0.6	Yes
H116	H116	727,808	4,920,191	496.8	1.5	40.0	20.0	60.0	39.5	42.8	2.8	Yes
H117	H117	728,824	4,918,918	512.1	1.5	40.0	20.0	60.0	40.2	43.1	3.1	Yes
H118	H118	729,840	4,919,722	506.7	1.5	40.0	20.0	60.0	39.1	42.6	2.6	Yes
H119	H119	733,501	4,919,439	490.7	1.5	40.0	20.0	60.0	28.6	40.3	0.3	Yes
H147	H147	732,601	4,921,545	496.8	1.5	40.0	20.0	60.0	36.7	41.7	1.7	Yes
H148	H148	731,968	4,921,946	509.0	1.5	40.0	20.0	60.0	44.0	45.4	5.4	Yes
H149	H149	730,978	4,921,525	490.1	1.5	40.0	20.0	60.0	44.4	45.7	5.7	Yes
H150	H150	730,614	4,921,987	493.8	1.5	40.0	20.0	60.0	44.3	45.7	5.7	Yes
H151	H151	728,411	4,920,456	492.6	1.5	40.0	20.0	60.0	40.7	43.4	3.4	Yes
H152	H152	727,560	4,920,426	493.8	1.5	40.0	20.0	60.0	35.9	41.4	1.4	Yes
H153	H153	725,920	4,921,900	505.9	1.5	40.0	20.0	60.0	31.7	40.6	0.6	Yes
H154	H154	725,506	4,920,392	506.0	1.5	40.0	20.0	60.0	27.9	40.3	0.3	Yes
H155	H155	724,610	4,920,935	509.0	1.5	40.0	20.0	60.0	27.1	40.2	0.2	Yes
H156	H156	724,389	4,921,420	506.7	1.5	40.0	20.0	60.0	27.7	40.2	0.2	Yes
H157	H157	724,262	4,920,563	509.0	1.5	40.0	20.0	60.0	26.0	40.2	0.2	Yes
H161	H161	719,874	4,923,300	527.8	1.5	40.0	20.0	60.0	22.7	40.1	0.1	Yes
H163	H163	722,237	4,923,405	515.1	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H165	H165	724,007	4,922,031	510.8	1.5	40.0	20.0	60.0	28.3	40.3	0.3	Yes
H166	H166	722,929	4,922,208	512.0	1.5	40.0	20.0	60.0	26.5	40.2	0.2	Yes
H167	H167	725,905	4,923,197	505.5	1.5	40.0	20.0	60.0	39.6	42.8	2.8	Yes
H168	H168	726,376	4,921,996	503.0	1.5	40.0	20.0	60.0	32.9	40.8	0.8	Yes
H169	H169	727,888	4,922,075	487.7	1.5	40.0	20.0	60.0	37.2	41.8	1.8	Yes
H170	H170	729,447	4,923,620	485.4	1.5	40.0	20.0	60.0	41.4	43.8	3.8	Yes
H171	H171	730,476	4,923,553	475.5	1.5	40.0	20.0	60.0	39.5	42.8	2.8	Yes
H172	H172	730,448	4,922,958	484.6	1.5	40.0	20.0	60.0	42.3	44.3	4.3	Yes
H173	H173	730,945	4,922,563	494.7	1.5	40.0	20.0	60.0	42.5	44.5	4.5	Yes
H174	H174	732,896	4,922,239	494.4	1.5	40.0	20.0	60.0	37.3	41.9	1.9	Yes
H175	H175	732,529	4,923,110	487.7	1.5	40.0	20.0	60.0	37.0	41.8	1.8	Yes
H198	H198	732,299	4,924,009	472.4	1.5	40.0	20.0	60.0	33.1	40.8	0.8	Yes
H199	H199	731,149	4,925,228	487.7	1.5	40.0	20.0	60.0	30.7	40.5	0.5	Yes
H200	H200	730,170	4,925,171	494.4	1.5	40.0	20.0	60.0	31.9	40.6	0.6	Yes
H201	H201	729,315	4,924,087	490.7	1.5	40.0	20.0	60.0	36.6	41.6	1.6	Yes
H202	H202	729,062	4,925,235	496.8	1.5	40.0	20.0	60.0	33.5	40.9	0.9	Yes

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V100 Day v26

...continued from previous page

Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H203	H203	729,073	4,923,692	480.5	1.5	40.0	20.0	60.0	37.6	42.0	2.0	Yes
H204	H204	726,516	4,923,705	496.2	1.5	40.0	20.0	60.0	42.5	44.4	4.4	Yes
H206	H206	724,535	4,924,268	514.9	1.5	40.0	20.0	60.0	40.3	43.2	3.2	Yes
H207	H207	723,763	4,925,198	499.9	1.5	40.0	20.0	60.0	34.3	41.0	1.0	Yes
H208	H208	722,520	4,924,652	502.9	1.5	40.0	20.0	60.0	29.7	40.4	0.4	Yes
H209	H209	720,913	4,924,651	518.2	1.5	40.0	20.0	60.0	26.1	40.2	0.2	Yes
H210	H210	719,507	4,926,626	512.7	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H211	H211	719,523	4,926,471	514.2	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H212	H212	719,508	4,926,363	515.1	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H213	H213	719,505	4,926,222	515.9	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H214	H214	719,520	4,925,949	518.2	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H215	H215	719,559	4,925,707	521.2	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H217	H217	720,364	4,926,560	506.4	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H220	H220	721,714	4,926,403	499.9	1.5	40.0	20.0	60.0	31.1	40.5	0.5	Yes
H221	H221	721,151	4,925,769	501.9	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H222	H222	724,090	4,926,435	502.9	1.5	40.0	20.0	60.0	40.2	43.1	3.1	Yes
H224	H224	724,495	4,925,892	497.6	1.5	40.0	20.0	60.0	37.9	42.1	2.1	Yes
H225	H225	727,070	4,926,781	494.1	1.5	40.0	20.0	60.0	42.1	44.2	4.2	Yes
H226	H226	726,032	4,926,532	502.6	1.5	40.0	20.0	60.0	43.0	44.8	4.8	Yes
H227	H227	727,725	4,926,770	490.7	1.5	40.0	20.0	60.0	39.2	42.6	2.6	Yes
H228	H228	730,741	4,925,336	490.7	1.5	40.0	20.0	60.0	30.9	40.5	0.5	Yes
H230	H230	732,867	4,925,647	469.4	1.5	40.0	20.0	60.0	27.4	40.2	0.2	Yes
H233	H233	733,996	4,925,469	453.5	1.5	40.0	20.0	60.0	25.6	40.2	0.2	Yes
H248	H248	733,466	4,928,352	430.0	1.5	40.0	20.0	60.0	25.8	40.2	0.2	Yes
H249	H249	731,198	4,927,668	473.6	1.5	40.0	20.0	60.0	30.4	40.4	0.4	Yes
H250	H250	729,945	4,927,311	472.4	1.5	40.0	20.0	60.0	32.9	40.8	0.8	Yes
H251	H251	727,868	4,927,277	486.4	1.5	40.0	20.0	60.0	40.6	43.3	3.3	Yes
H252	H252	727,174	4,926,976	496.8	1.5	40.0	20.0	60.0	43.1	44.9	4.9	Yes
H253	H253	726,136	4,928,157	496.8	1.5	40.0	20.0	60.0	44.4	45.8	5.8	Yes
H254	H254	725,409	4,926,953	499.9	1.5	40.0	20.0	60.0	39.7	42.8	2.8	Yes
H255	H255	724,906	4,926,938	505.1	1.5	40.0	20.0	60.0	39.6	42.8	2.8	Yes
H257	H257	723,631	4,928,266	501.0	1.5	40.0	20.0	60.0	43.1	44.9	4.9	Yes
H258	H258	722,827	4,927,341	502.0	1.5	40.0	20.0	60.0	42.0	44.1	4.1	Yes
H259	H259	722,426	4,928,074	502.1	1.5	40.0	20.0	60.0	37.3	41.9	1.9	Yes
H260	H260	722,146	4,928,204	507.0	1.5	40.0	20.0	60.0	35.5	41.3	1.3	Yes
H261	H261	721,153	4,926,772	500.9	1.5	40.0	20.0	60.0	29.5	40.4	0.4	Yes
H262	H262	720,658	4,927,958	512.1	1.5	40.0	20.0	60.0	28.9	40.3	0.3	Yes
H278	H278	720,561	4,928,494	507.3	1.5	40.0	20.0	60.0	28.8	40.3	0.3	Yes
H279	H279	720,947	4,929,553	506.0	1.5	40.0	20.0	60.0	30.3	40.4	0.4	Yes
H280	H280	721,059	4,929,572	506.0	1.5	40.0	20.0	60.0	30.7	40.5	0.5	Yes
H281	H281	722,112	4,928,971	502.3	1.5	40.0	20.0	60.0	35.8	41.4	1.4	Yes
H282	H282	722,047	4,929,705	502.9	1.5	40.0	20.0	60.0	35.5	41.3	1.3	Yes
H283	H283	722,783	4,929,036	500.5	1.5	40.0	20.0	60.0	41.9	44.1	4.1	Yes
H284	H284	723,329	4,929,926	509.0	1.5	40.0	20.0	60.0	42.9	44.7	4.7	Yes
H285	H285	724,173	4,929,776	495.5	1.5	40.0	20.0	60.0	42.1	44.2	4.2	Yes
H286	H286	724,573	4,928,599	490.7	1.5	40.0	20.0	60.0	41.2	43.6	3.6	Yes
H287	H287	726,685	4,928,739	479.2	1.5	40.0	20.0	60.0	43.9	45.4	5.4	Yes
H288	H288	725,925	4,929,877	478.5	1.5	40.0	20.0	60.0	44.1	45.5	5.5	Yes
H289	H289	727,931	4,928,837	472.4	1.5	40.0	20.0	60.0	43.8	45.3	5.3	Yes
H292	H292	729,748	4,928,899	475.5	1.5	40.0	20.0	60.0	39.6	42.8	2.8	Yes
H293	H293	730,428	4,930,100	457.2	1.5	40.0	20.0	60.0	43.3	45.0	5.0	Yes
H294	H294	732,309	4,929,759	445.0	1.5	40.0	20.0	60.0	30.8	40.5	0.5	Yes
H295	H295	733,156	4,931,801	423.7	1.5	40.0	20.0	60.0	26.0	40.2	0.2	Yes
H296	H296	733,299	4,930,528	432.8	1.5	40.0	20.0	60.0	26.7	40.2	0.2	Yes
H297	H297	730,732	4,931,660	445.0	1.5	40.0	20.0	60.0	34.4	41.1	1.1	Yes
H299	H299	729,943	4,931,746	451.2	1.5	40.0	20.0	60.0	36.3	41.5	1.5	Yes
H300	H300	728,657	4,930,240	468.1	1.5	40.0	20.0	60.0	44.0	45.5	5.5	Yes
H301	H301	727,843	4,931,649	463.3	1.5	40.0	20.0	60.0	42.5	44.4	4.4	Yes

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## DECIBEL - Main Result

### Calculation: V100 Day v26

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H302	H302	728,688	4,931,663	463.3	1.5	40.0	20.0	60.0	40.4	43.2	3.2	Yes
H303	H303	726,149	4,930,379	475.5	1.5	40.0	20.0	60.0	43.3	44.9	4.9	Yes
H305	H305	724,247	4,930,703	490.7	1.5	40.0	20.0	60.0	38.5	42.3	2.3	Yes
H307	H307	723,993	4,931,431	483.9	1.5	40.0	20.0	60.0	37.5	41.9	1.9	Yes
H308	H308	722,594	4,931,039	509.0	1.5	40.0	20.0	60.0	40.2	43.1	3.1	Yes
H309	H309	722,171	4,931,027	509.0	1.5	40.0	20.0	60.0	36.1	41.5	1.5	Yes
H310	H310	721,293	4,930,646	506.0	1.5	40.0	20.0	60.0	31.6	40.6	0.6	Yes
H311	H311	721,574	4,931,459	509.0	1.5	40.0	20.0	60.0	32.6	40.7	0.7	Yes
H312	H312	720,950	4,931,718	506.9	1.5	40.0	20.0	60.0	31.0	40.5	0.5	Yes
H313	H313	721,869	4,931,720	506.4	1.5	40.0	20.0	60.0	33.6	40.9	0.9	Yes
H314	H314	722,445	4,932,328	481.6	1.5	40.0	20.0	60.0	34.9	41.2	1.2	Yes
H315	H315	722,907	4,932,108	484.6	1.5	40.0	20.0	60.0	36.4	41.6	1.6	Yes
H316	H316	722,291	4,932,632	478.9	1.5	40.0	20.0	60.0	35.2	41.2	1.2	Yes
H317	H317	723,428	4,932,915	481.6	1.5	40.0	20.0	60.0	37.7	42.0	2.0	Yes
H318	H318	724,132	4,932,703	476.1	1.5	40.0	20.0	60.0	41.1	43.6	3.6	Yes
H319	H319	725,462	4,932,557	465.8	1.5	40.0	20.0	60.0	42.2	44.3	4.3	Yes
H320	H320	725,235	4,931,900	472.4	1.5	40.0	20.0	60.0	40.2	43.1	3.1	Yes
H321	H321	726,401	4,932,818	463.3	1.5	40.0	20.0	60.0	43.3	45.0	5.0	Yes
H322	H322	727,242	4,932,330	463.3	1.5	40.0	20.0	60.0	42.4	44.4	4.4	Yes
H323	H323	727,883	4,931,792	463.3	1.5	40.0	20.0	60.0	41.3	43.7	3.7	Yes
H324	H324	729,140	4,932,472	451.1	1.5	40.0	20.0	60.0	35.0	41.2	1.2	Yes
H325	H325	729,778	4,932,315	448.1	1.5	40.0	20.0	60.0	33.7	40.9	0.9	Yes
H326	H326	730,143	4,933,232	432.8	1.5	40.0	20.0	60.0	30.3	40.4	0.4	Yes
H327	H327	730,991	4,932,569	435.9	1.5	40.0	20.0	60.0	30.1	40.4	0.4	Yes
H328	H328	731,748	4,933,066	426.7	1.5	40.0	20.0	60.0	27.3	40.2	0.2	Yes
H330	H330	733,715	4,932,788	410.2	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H331	H331	733,786	4,932,965	411.1	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H334	H334	733,512	4,933,404	403.7	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H335	H335	732,170	4,934,010	415.9	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H336	H336	732,168	4,934,316	405.4	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H337	H337	731,900	4,934,701	410.7	1.5	40.0	20.0	60.0	24.3	40.1	0.1	Yes
H338	H338	731,026	4,934,775	415.1	1.5	40.0	20.0	60.0	25.6	40.2	0.2	Yes
H339	H339	730,162	4,934,981	423.2	1.5	40.0	20.0	60.0	26.7	40.2	0.2	Yes
H340	H340	729,245	4,934,684	432.8	1.5	40.0	20.0	60.0	29.0	40.3	0.3	Yes
H341	H341	728,538	4,934,833	436.8	1.5	40.0	20.0	60.0	30.2	40.4	0.4	Yes
H342	H342	727,624	4,934,523	445.0	1.5	40.0	20.0	60.0	33.6	40.9	0.9	Yes
H343	H343	725,770	4,933,628	460.2	1.5	40.0	20.0	60.0	43.2	44.9	4.9	Yes
H345	H345	724,138	4,933,926	472.4	1.5	40.0	20.0	60.0	41.3	43.7	3.7	Yes
H346	H346	724,049	4,934,248	467.6	1.5	40.0	20.0	60.0	41.1	43.6	3.6	Yes
H347	H347	723,930	4,933,727	474.4	1.5	40.0	20.0	60.0	41.4	43.8	3.8	Yes
H348	H348	721,813	4,933,283	475.4	1.5	40.0	20.0	60.0	39.4	42.7	2.7	Yes
H349	H349	721,098	4,934,128	483.7	1.5	40.0	20.0	60.0	42.9	44.7	4.7	Yes
H350	H350	721,670	4,934,790	486.9	1.5	40.0	20.0	60.0	42.5	44.5	4.5	Yes
H351	H351	723,260	4,935,189	469.4	1.5	40.0	20.0	60.0	40.5	43.3	3.3	Yes
H352	H352	723,642	4,935,778	463.3	1.5	40.0	20.0	60.0	35.2	41.2	1.2	Yes
H353	H353	724,065	4,935,805	460.2	1.5	40.0	20.0	60.0	34.4	41.1	1.1	Yes
H354	H354	724,602	4,935,135	463.3	1.5	40.0	20.0	60.0	38.5	42.3	2.3	Yes
H355	H355	728,849	4,928,393	463.3	1.5	40.0	20.0	60.0	42.4	44.4	4.4	Yes
H356	H356	732,723	4,928,604	421.9	1.5	40.0	20.0	60.0	27.8	40.3	0.3	Yes
H357	H357	733,778	4,926,437	445.0	1.5	40.0	20.0	60.0	25.2	40.1	0.1	Yes
H358	H358	732,570	4,923,836	473.6	1.5	40.0	20.0	60.0	32.9	40.8	0.8	Yes
H359	H359	723,754	4,924,013	502.9	1.5	40.0	20.0	60.0	32.7	40.7	0.7	Yes
H360	H360	729,031	4,921,984	502.9	1.5	40.0	20.0	60.0	40.2	43.1	3.1	Yes
H361	H361	729,422	4,921,135	499.9	1.5	40.0	20.0	60.0	41.7	43.9	3.9	Yes
H362	H362	727,502	4,920,433	493.5	1.5	40.0	20.0	60.0	35.5	41.3	1.3	Yes
H363	H363	730,944	4,918,814	507.9	1.5	40.0	20.0	60.0	38.2	42.2	2.2	Yes
H364	H364	724,155	4,936,433	454.2	1.5	40.0	20.0	60.0	31.4	40.6	0.6	Yes
H365	H365	724,528	4,936,423	453.1	1.5	40.0	20.0	60.0	31.3	40.5	0.5	Yes

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## DECIBEL - Main Result

Calculation: V100 Day v26

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height [m]	Ambient noise [dB(A)]	Additional exposure [dB(A)]	Ambient+WTGs [dB(A)]	From WTGs [dB(A)]	Ambient+WTGs [dB(A)]	Additional exposure [dB(A)]	Noise
H366	H366	725,463	4,936,235	451.1	1.5	40.0	20.0	60.0	31.7	40.6	0.6	Yes
H367	H367	726,789	4,936,117	441.7	1.5	40.0	20.0	60.0	30.4	40.5	0.5	Yes
H368	H368	726,834	4,935,674	444.5	1.5	40.0	20.0	60.0	32.1	40.7	0.7	Yes
H369	H369	727,227	4,935,749	439.0	1.5	40.0	20.0	60.0	30.7	40.5	0.5	Yes
H370	H370	728,722	4,935,700	431.2	1.5	40.0	20.0	60.0	27.7	40.3	0.3	Yes
H371	H371	728,990	4,935,533	424.0	1.5	40.0	20.0	60.0	27.6	40.2	0.2	Yes
H372	H372	723,087	4,937,254	432.0	1.5	40.0	20.0	60.0	29.2	40.3	0.3	Yes
H373	H373	723,847	4,937,637	429.2	1.5	40.0	20.0	60.0	27.5	40.2	0.2	Yes
H374	H374	722,400	4,937,023	442.0	1.5	40.0	20.0	60.0	30.7	40.5	0.5	Yes
H375	H375	717,939	4,936,666	490.7	1.5	40.0	20.0	60.0	22.9	40.1	0.1	Yes
H376	H376	717,348	4,935,787	503.0	1.5	40.0	20.0	60.0	22.4	40.1	0.1	Yes
H377	H377	719,427	4,935,624	483.7	1.5	40.0	20.0	60.0	28.8	40.3	0.3	Yes
H378	H378	720,478	4,935,343	481.6	1.5	40.0	20.0	60.0	36.1	41.5	1.5	Yes
H379	H379	717,052	4,935,051	491.3	1.5	40.0	20.0	60.0	22.2	40.1	0.1	Yes
H380	H380	717,361	4,934,918	490.5	1.5	40.0	20.0	60.0	23.0	40.1	0.1	Yes
H381	H381	718,033	4,934,915	496.8	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H382	H382	719,570	4,934,987	483.6	1.5	40.0	20.0	60.0	30.4	40.4	0.4	Yes
H383	H383	718,939	4,934,649	490.7	1.5	40.0	20.0	60.0	27.8	40.3	0.3	Yes
H384	H384	718,363	4,934,282	502.9	1.5	40.0	20.0	60.0	25.9	40.2	0.2	Yes
H385	H385	720,227	4,934,216	473.0	1.5	40.0	20.0	60.0	35.4	41.3	1.3	Yes
H386	H386	719,469	4,932,351	512.1	1.5	40.0	20.0	60.0	28.3	40.3	0.3	Yes
H387	H387	720,374	4,931,680	509.0	1.5	40.0	20.0	60.0	29.6	40.4	0.4	Yes
H388	H388	719,527	4,931,060	499.9	1.5	40.0	20.0	60.0	27.0	40.2	0.2	Yes
H389	H389	719,883	4,931,108	502.1	1.5	40.0	20.0	60.0	27.8	40.3	0.3	Yes
H390	H390	720,045	4,931,077	502.9	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H391	H391	720,045	4,931,054	502.9	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H392	H392	720,043	4,931,025	502.9	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H393	H393	720,047	4,930,997	502.9	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H394	H394	720,058	4,930,934	502.9	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H395	H395	720,050	4,931,112	502.9	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H396	H396	720,520	4,931,120	505.7	1.5	40.0	20.0	60.0	29.4	40.4	0.4	Yes
H397	H397	720,056	4,930,918	502.9	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H398	H398	720,056	4,930,883	502.9	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H399	H399	720,026	4,930,818	502.7	1.5	40.0	20.0	60.0	28.0	40.3	0.3	Yes
H400	H400	720,090	4,930,817	502.9	1.5	40.0	20.0	60.0	28.1	40.3	0.3	Yes
H401	H401	719,212	4,930,271	506.5	1.5	40.0	20.0	60.0	25.9	40.2	0.2	Yes
H402	H402	720,196	4,930,196	501.5	1.5	40.0	20.0	60.0	28.2	40.3	0.3	Yes
H403	H403	719,426	4,929,541	503.7	1.5	40.0	20.0	60.0	26.2	40.2	0.2	Yes
H404	H404	718,603	4,929,272	509.0	1.5	40.0	20.0	60.0	24.4	40.1	0.1	Yes
H405	H405	718,065	4,928,934	509.0	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H406	H406	719,426	4,928,658	502.9	1.5	40.0	20.0	60.0	25.9	40.2	0.2	Yes
H407	H407	718,741	4,928,291	502.9	1.5	40.0	20.0	60.0	24.3	40.1	0.1	Yes
H408	H408	717,825	4,928,342	509.0	1.5	40.0	20.0	60.0	22.6	40.1	0.1	Yes
H409	H409	717,737	4,928,130	506.8	1.5	40.0	20.0	60.0	22.4	40.1	0.1	Yes
H410	H410	717,968	4,927,972	503.8	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes
H411	H411	719,345	4,927,841	509.0	1.5	40.0	20.0	60.0	25.4	40.1	0.1	Yes
H412	H412	718,640	4,927,210	509.3	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H413	H413	718,674	4,927,202	509.0	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H414	H414	718,719	4,927,194	508.7	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H415	H415	718,746	4,927,190	508.7	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H416	H416	718,650	4,927,138	511.6	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H417	H417	718,524	4,927,140	512.1	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H418	H418	718,773	4,927,185	508.7	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H419	H419	718,717	4,927,134	511.1	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H420	H420	718,719	4,927,122	511.6	1.5	40.0	20.0	60.0	23.8	40.1	0.1	Yes
H421	H421	718,649	4,927,122	512.1	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H422	H422	718,762	4,927,140	510.3	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H423	H423	718,760	4,927,123	511.0	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes

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## DECIBEL - Main Result

### Calculation: V100 Day v26

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H424	H424	718,831	4,927,126	509.2	1.5	40.0	20.0	60.0	24.0	40.1	0.1	Yes
H425	H425	718,888	4,927,123	508.3	1.5	40.0	20.0	60.0	24.1	40.1	0.1	Yes
H426	H426	719,017	4,927,257	503.0	1.5	40.0	20.0	60.0	24.4	40.1	0.1	Yes
H427	H427	719,468	4,927,074	503.6	1.5	40.0	20.0	60.0	25.3	40.1	0.1	Yes
H428	H428	719,572	4,926,856	509.8	1.5	40.0	20.0	60.0	25.4	40.1	0.1	Yes
H429	H429	719,530	4,926,789	512.6	1.5	40.0	20.0	60.0	25.2	40.1	0.1	Yes
H430	H430	719,534	4,926,763	513.8	1.5	40.0	20.0	60.0	25.2	40.1	0.1	Yes
H431	H431	719,490	4,926,738	512.8	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H432	H432	719,408	4,926,829	509.2	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H433	H433	719,403	4,926,777	510.2	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H434	H434	719,380	4,926,829	509.1	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H435	H435	719,399	4,926,968	506.0	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H436	H436	719,399	4,926,945	506.5	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H437	H437	719,377	4,927,021	505.1	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H438	H438	719,351	4,927,025	505.3	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H439	H439	719,328	4,927,030	505.5	1.5	40.0	20.0	60.0	25.0	40.1	0.1	Yes
H440	H440	719,234	4,927,054	507.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H441	H441	719,169	4,927,074	507.9	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H442	H442	719,070	4,927,094	507.7	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H443	H443	718,996	4,927,108	507.2	1.5	40.0	20.0	60.0	24.3	40.1	0.1	Yes
H444	H444	718,923	4,927,121	507.5	1.5	40.0	20.0	60.0	24.2	40.1	0.1	Yes
H445	H445	718,421	4,926,841	509.9	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H446	H446	718,434	4,926,862	510.7	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H447	H447	718,493	4,926,914	513.8	1.5	40.0	20.0	60.0	23.2	40.1	0.1	Yes
H448	H448	718,492	4,926,941	513.8	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H449	H449	718,495	4,926,956	513.7	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H450	H450	718,491	4,927,025	513.3	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H451	H451	718,426	4,926,767	510.7	1.5	40.0	20.0	60.0	23.0	40.1	0.1	Yes
H452	H452	717,742	4,926,689	510.1	1.5	40.0	20.0	60.0	21.8	40.1	0.1	Yes
H453	H453	718,452	4,926,708	511.8	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H454	H454	718,493	4,926,708	512.7	1.5	40.0	20.0	60.0	23.1	40.1	0.1	Yes
H455	H455	718,554	4,926,754	514.3	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H456	H456	718,619	4,926,695	515.1	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H457	H457	718,680	4,926,647	515.1	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H458	H458	718,731	4,926,613	515.1	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H459	H459	718,735	4,926,591	515.1	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H460	H460	718,736	4,926,532	514.5	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H461	H461	718,737	4,926,501	514.1	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H462	H462	718,738	4,926,469	513.6	1.5	40.0	20.0	60.0	23.4	40.1	0.1	Yes
H463	H463	718,669	4,926,475	514.4	1.5	40.0	20.0	60.0	23.3	40.1	0.1	Yes
H464	H464	718,782	4,926,469	513.4	1.5	40.0	20.0	60.0	23.5	40.1	0.1	Yes
H465	H465	718,848	4,926,463	513.1	1.5	40.0	20.0	60.0	23.6	40.1	0.1	Yes
H466	H466	718,896	4,926,471	513.0	1.5	40.0	20.0	60.0	23.7	40.1	0.1	Yes
H467	H467	718,961	4,926,477	512.8	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H468	H468	719,015	4,926,468	512.4	1.5	40.0	20.0	60.0	24.0	40.1	0.1	Yes
H469	H469	719,076	4,926,472	512.1	1.5	40.0	20.0	60.0	24.1	40.1	0.1	Yes
H470	H470	719,121	4,926,477	512.1	1.5	40.0	20.0	60.0	24.2	40.1	0.1	Yes
H471	H471	719,215	4,926,502	512.1	1.5	40.0	20.0	60.0	24.4	40.1	0.1	Yes
H472	H472	719,307	4,926,427	515.1	1.5	40.0	20.0	60.0	24.5	40.1	0.1	Yes
H473	H473	719,352	4,926,461	514.2	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H474	H474	719,383	4,926,461	514.5	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H475	H475	719,464	4,926,375	515.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H476	H476	719,576	4,926,416	514.8	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H477	H477	719,566	4,926,470	514.3	1.5	40.0	20.0	60.0	25.1	40.1	0.1	Yes
H478	H478	719,535	4,926,339	515.1	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H479	H479	719,536	4,926,309	515.1	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H480	H480	719,536	4,926,284	515.2	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H481	H481	719,537	4,926,259	515.4	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes

To be continued on next page...

## DECIBEL - Main Result

### Calculation: V100 Day v26

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Noise sensitive area					Demands			Sound Level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Ambient noise	Additional exposure	Ambient+WTGs	From WTGs	Ambient+WTGs	Additional exposure	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
H482	H482	719,541	4,926,230	515.6	1.5	40.0	20.0	60.0	24.9	40.1	0.1	Yes
H483	H483	719,534	4,926,180	516.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H484	H484	719,544	4,925,995	518.0	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H485	H485	719,511	4,926,019	517.8	1.5	40.0	20.0	60.0	24.6	40.1	0.1	Yes
H486	H486	719,492	4,926,169	516.4	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H487	H487	719,477	4,926,230	516.0	1.5	40.0	20.0	60.0	24.7	40.1	0.1	Yes
H488	H488	719,487	4,926,336	515.1	1.5	40.0	20.0	60.0	24.8	40.1	0.1	Yes
H489	H489	719,102	4,926,261	515.7	1.5	40.0	20.0	60.0	24.0	40.1	0.1	Yes
H490	H490	719,043	4,926,243	518.2	1.5	40.0	20.0	60.0	23.9	40.1	0.1	Yes
H491	H491	719,175	4,926,227	515.1	1.5	40.0	20.0	60.0	24.1	40.1	0.1	Yes
H492	H492	717,799	4,926,069	512.1	1.5	40.0	20.0	60.0	21.6	40.1	0.1	Yes
H493	H493	719,379	4,925,767	520.5	1.5	40.0	20.0	60.0	24.2	40.1	0.1	Yes
H494	H494	718,045	4,925,241	521.2	1.5	40.0	20.0	60.0	21.5	40.1	0.1	Yes
H495	H495	719,130	4,924,317	521.2	1.5	40.0	20.0	60.0	22.5	40.1	0.1	Yes
H496	H496	719,026	4,924,271	523.4	1.5	40.0	20.0	60.0	22.3	40.1	0.1	Yes
H497	H497	719,904	4,923,356	529.0	1.5	40.0	20.0	60.0	22.8	40.1	0.1	Yes

### Distances (m)

NSA	WTG																					
	11	71	36	9	55	75	10	86	2	83	70	51	60	58	7	93	48	66	68	90	25	96
H048	18270	9556	13560	17929	11968	7795	17996	6998	19932	7248	9613	12435	11235	11494	18599	6109	13025	10934	9422	5504	14317	2863
H049	18657	9930	14151	18453	12666	8424	18497	6452	20503	6908	10053	12559	11621	12081	19127	5698	13196	11643	9989	5225	14731	2904
H050	18341	9622	13886	18169	12433	8181	18206	6049	20229	6510	9758	12202	11311	11818	18842	5298	12846	11416	9725	4834	14424	2577
H051	18482	9834	14251	18442	12915	8660	18458	5458	20538	6112	10030	12141	11508	12200	19116	4876	12823	11919	10116	4575	14616	2920
H052	18990	10440	14942	19052	13690	9457	19051	5439	21171	6271	10677	12513	12090	12910	19725	5057	13222	12711	10846	4922	15177	3771
H053	19427	11182	15785	19696	14724	10597	19660	5277	21848	6362	11495	12763	12752	13819	20362	5299	13511	13795	11824	5466	15756	5229
H080	18088	10074	14693	18461	13776	9793	18407	3844	20624	5003	10432	11374	11574	12788	19120	4074	12134	12895	10869	4422	14506	4966
H081	18534	10492	15112	18898	14172	10159	18846	4293	21060	5447	10844	11822	12003	13197	19558	4500	12581	13281	11264	4819	14944	5192
H082	17263	8846	13422	17420	12309	8166	17401	3571	19559	4410	9131	10711	10455	11432	18090	3211	11433	11371	9416	3177	13507	2933
H083	18673	10168	14698	18772	13488	9274	18764	5021	20898	5882	10421	12161	11805	12678	19444	4678	12877	12521	10626	4587	14882	3659
H084	17955	9371	13858	17985	12600	8368	17989	4699	20099	5403	9600	11533	11028	11824	18659	4169	12230	11622	9757	3938	14123	2706
H085	17159	8603	13119	17214	11907	7702	17213	3955	19335	4606	8847	10722	10251	11096	17887	3370	11420	10943	9043	3126	13339	2203
H086	16995	8330	12746	16936	11429	7180	16954	4462	19031	4902	8523	10716	10008	10697	17611	3688	11382	10439	8616	3243	13118	1467
H087	17704	9006	13352	17590	11965	7705	17617	5259	19669	5722	9171	11488	10692	11291	18264	4507	12145	10960	9200	4059	13806	1984
H088	16744	8034	12358	16605	10970	6711	16636	4796	18679	5075	8187	10601	9722	10296	17280	3914	11241	9966	8205	3346	12836	992
H090	17524	8805	13086	17358	11656	7399	17394	5440	19423	5808	8945	11398	10495	11020	18032	4619	12037	10643	8927	4099	13608	1760
H091	16764	8037	12153	16486	10639	6408	16540	5696	18517	5805	8120	10870	9723	10083	17158	4729	11464	9614	7995	4058	12819	1362
H092	16276	7570	11573	15934	10014	5812	15998	5879	17944	5839	7617	10533	9245	9506	16604	4854	11098	8984	7428	4120	12321	1515
H093	16114	7442	11333	15716	9729	5569	15790	6188	17705	6068	7457	10501	9102	9271	16384	5141	11042	8695	7209	4382	12155	1889
H094	17504	8941	12546	16970	10819	6851	17068	7795	18894	7759	8897	12121	10561	10517	17630	6779	12631	9784	8520	6047	13550	3414
H095	16013	7702	10909	15342	9102	5386	15462	8040	17205	7707	7568	11079	9226	8930	15991	6958	11506	8079	7035	6159	12092	3968
H096	16493	8026	11473	15904	9718	5831	16010	7669	17806	7456	7942	11308	9609	9461	16560	6605	11779	8685	7499	5825	12549	3422
H097	16366	8154	11208	15637	9364	5788	15767	8597	17466	8273	7996	11562	9646	9261	16280	7517	11971	8352	7417	6720	12463	4481
H112	14343	5950	9333	13760	7610	3684	13863	6931	15679	6398	5829	9327	7493	7312	14418	5849	9751	6574	5349	5046	10404	3516
H113	15602	7412	10452	14882	8617	5029	15010	8230	16721	7815	7244	10839	8890	8498	15527	7144	11235	7601	6654	6339	11699	4319
H114	14727	6025	10055	14399	8547	4308	14459	5275	16421	4937	6068	9052	7697	7985	15070	4190	9595	7525	5900	3387	10772	1711
H115	16005	7333	11229	15610	9630	5464	15684	6125	17601	5989	7349	10393	8993	9166	16279	5074	10933	8596	7103	4310	12047	1853
H116	14720	5995	10138	14450	8685	4428	14500	4880	16491	4577	6074	8921	7679	8068	15122	3797	9486	7673	5976	2996	10773	1404
H117	16178	7453	11720	15993	10305	6045	16031	4793	18056	4903	7583	10136	9143	9654	16667	3820	10755	9297	7561	3155	12254	476
H118	15678	7040	11510	15654	10268	6058	15664	3510	17761	3726	7256	9387	8709	9476	16328	2578	10052	9301	7413	1999	11814	953
H119	17401	9394	14013	17771	13116	9166	17717	3164	19934	4315	9757	10691	10887	12116	18431	3391	11450	12244	10211	3767	13816	4549
H147	15125	7313	11907	15545	11161	7466	15480	875	17711	2066	7719	8405	8724	10084	16199	1461	9165	10353	8290	2166	11587	4245
H148	14465	6568	11168	14843	10412	6739	14784	441	17008	1377	6971	7772	7995	9337	15500	780	8525	9605	7541	1564	10886	3962
H149	14402	6145	10764	14627	9844	5966	14594	1458	16779	1657	6492	7831	7687	8847	15294	447	8553	8981	6940	552	10690	2953
H150	13831	5558	10177	14042	9274	5449	14010	1619	16193	1350	5909	7290	7100	8266	14709	579	8004	8422	6374	399	10108	3095
H151	14586	5860	10160	14410	8805	4555	14444	4222	16481	3950	5995	8608	7550	8101	15084	3139	9206	7814	6012	2341	10662	1207
H152	14444	5729	9823	14148	8354	4100	14202	5011	16182	4627	5790	8720	7408	7753	14820	3924	9269	7340	5663	3118	10493	1743
H153	12780	4327	7879	12281	6272	2132	12367	6293	14250	5523	4214	7721	5879	5826	12946	5269	8132	5241	3798	4525	8828	3945
H154	14265	5890	9247	13675	7520	3608	13779	6965	15591	6417	5762	9276	7425	7228	14333	5884	9695	6484	5272	5083	10327	3592
H155	13722	5662	8575	13007	6762	3206	13131	7714	14865	7047	5445	9148	7068	6616	13655	6652	9492	5738	4795	5868	9827	4613
H156	13247	5322	8071	12501	6243	2829	12630	7861	14347	7124	5070	8829	6667	6131	13146	6818	9142	5223	4363	6051	9368	5000
H157	14109	6145	8917	13342	7066	3670	13476	8129	15168	7498	5913	9639	7522	6991	13984	7058	9973	6054	5227	6266	10235	4838

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DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns labeled NSA, WTG, and various numerical values (11, 71, 36, 9, 55, 75, 10, 86, 2, 83, 70, 51, 60, 58, 7, 93, 48, 66, 68, 90, 25, 96). The table contains multiple rows of data points.

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DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns labeled WTTG (NSA, 11, 71, 36, 9, 55, 75, 10, 86, 2, 83, 70, 51, 60, 58, 7, 93, 48, 66, 68, 90, 25, 96) and rows of numerical data values.

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns labeled WTTG (NSA, 11, 71, 36, 9, 55, 75, 10, 86, 2, 83, 70, 51, 60, 58, 7, 93, 48, 66, 68, 90, 25, 96) and rows of numerical data representing decibel values for various locations (H368 to H435).

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

...continued from previous page

Table with columns for WTG (11, 36, 9, 55, 75, 10, 86, 2, 83, 70, 51, 60, 58, 7, 93, 48, 66, 68, 90, 25, 96) and rows for NSA (H436 to H497) containing numerical data.

Table with columns for WTG (72, 82, 64, 43, 59, 88, 41, 5, 99, 56, 61, 52, 23, 94, 97, 63, 100, 87, 16, 22, 85, 24) and rows for NSA (H048 to H050) containing numerical data.

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DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns: NSA, WTG, 72, 82, 64, 43, 59, 88, 41, 5, 99, 56, 61, 52, 23, 94, 97, 63, 100, 87, 16, 22, 85, 24. Rows contain numerical data for various locations (NSA) and tower heights (WTG).

To be continued on next page...



DECIBEL - Main Result

Calculation: V100 Day v26

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Table with 24 columns (NSA, WTG, 72, 82, 64, 43, 59, 88, 41, 5, 99, 56, 61, 52, 23, 94, 97, 63, 100, 87, 16, 22, 85, 24) and multiple rows of numerical data.

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns for WTG (72, 82, 64, 43, 59, 88, 41, 5, 99, 56, 61, 52, 23, 94, 97, 63, 100, 87, 16, 22, 85, 24) and rows for NSA (H325 to H396) containing numerical data.

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns: WTG, NSA, and 24 numerical columns representing wind speed data points for various turbine locations (H397 to H464).

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DECIBEL - Main Result

Calculation: V100 Day v26

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Table with 23 columns (NSA, WTG, 72, 82, 64, 43, 59, 88, 41, 5, 99, 56, 61, 52, 23, 94, 97, 63, 100, 87, 16, 22, 85, 24) and 30 rows of numerical data.

Table with 23 columns (NSA, WTG, 49, 3, 17, 14, 54, 81, 89, 77, 6, 47, 37, 76, 39, 19, 38, 95, 62, 12, 74, 4, 44, 53) and 30 rows of numerical data.

To be continued on next page...



DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns labeled NSA, WTG, and 49-53. It contains a grid of numerical data representing decibel values for various wind turbine configurations.

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DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns labeled NSA, WTG, and 49-53. It contains a grid of numerical data representing decibel values for various wind turbine configurations.

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DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns for WTG (49-53) and rows for NSA (H494-H203). Each cell contains a numerical value representing the decibel result for a specific tower and noise source.

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns: NSA, WTG, 27, 91, 98, 45, 92, 79, 84, 13, 32, 20, 80, 69, 35, 26, 57, 15, 46, 29, 73, 30, 31, 33. Rows include H204 through H314.

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

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Table with columns: WTG, NSA, 27, 91, 98, 45, 92, 79, 84, 13, 32, 20, 80, 69, 35, 26, 57, 15, 46, 29, 73, 30, 31, 33. Rows contain numerical data for various wind turbine configurations.

To be continued on next page...

DECIBEL - Main Result

Calculation: V100 Day v26

...continued from previous page

Table with columns: WTWG, NSA, 27, 91, 98, 45, 92, 79, 84, 13, 32, 20, 80, 69, 35, 26, 57, 15, 46, 29, 73, 30, 31, 33. Rows contain numerical data for various locations (H387 to H454).

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**DECIBEL - Main Result**

Calculation: V100 Day v26

...continued from previous page

WTG																						
NSA	27	91	98	45	92	79	84	13	32	20	80	69	35	26	57	15	46	29	73	30	31	33
H455	9142	13213	13966	8218	13494	10308	13662	9909	9971	10756	11753	7512	5365	8579	5488	10407	7772	10033	7763	10448	10929	11983
H456	9112	13128	13880	8173	13410	10225	13581	9908	9934	10734	11674	7442	5339	8554	5433	10397	7724	10001	7689	10414	10893	11942
H457	9081	13052	13804	8129	13334	10150	13508	9903	9897	10710	11602	7376	5312	8528	5381	10385	7677	9968	7621	10379	10857	11902
H458	9053	12992	13743	8091	13273	10090	13449	9895	9864	10687	11543	7322	5287	8504	5337	10370	7637	9939	7565	10348	10824	11867
H459	9060	12978	13729	8094	13261	10078	13438	9909	9869	10697	11534	7316	5296	8512	5337	10382	7639	9945	7557	10354	10830	11871
H460	9088	12952	13700	8112	13235	10055	13418	9952	9892	10729	11517	7310	5327	8544	5347	10422	7655	9972	7547	10379	10853	11891
H461	9103	12937	13685	8121	13221	10042	13408	9975	9903	10746	11507	7307	5343	8560	5352	10442	7663	9986	7541	10392	10865	11902
H462	9118	12923	13669	8131	13207	10029	13397	9999	9916	10764	11498	7304	5360	8577	5357	10464	7671	10000	7535	10405	10878	11913
H463	9175	12988	13733	8194	13272	10096	13464	10039	9976	10817	11566	7373	5414	8631	5424	10510	7735	10058	7605	10464	10938	11975
H464	9079	12883	13630	8089	13167	9989	13355	9970	9876	10728	11455	7260	5324	8540	5314	10432	7629	9961	7492	10365	10838	11872
H465	9025	12821	13569	8029	13104	9925	13291	9931	9818	10677	11390	7194	5273	8489	5251	10388	7567	9906	7426	10309	10781	11813
H466	8980	12781	13530	7981	13064	9884	13247	9894	9771	10634	11346	7146	5229	8445	5202	10348	7519	9860	7379	10263	10734	11765
H467	8921	12725	13476	7918	13008	9826	13188	9848	9710	10577	11285	7082	5172	8388	5138	10297	7455	9800	7316	10202	10673	11703
H468	8879	12673	13424	7870	12955	9772	13134	9820	9664	10539	11231	7027	5133	8348	5087	10265	7406	9757	7261	10158	10628	11656
H469	8824	12620	13372	7811	12901	9717	13077	9778	9608	10487	11173	6967	5081	8296	5026	10219	7347	9702	7202	10102	10572	11598
H470	8783	12582	13335	7767	12863	9678	13036	9746	9565	10448	11131	6922	5042	8256	4981	10184	7302	9660	7158	10060	10529	11554
H471	8690	12509	13265	7670	12788	9601	12955	9667	9469	10357	11048	6831	4951	8165	4884	10099	7205	9566	7069	9965	10434	11458
H472	8651	12393	13148	7610	12673	9487	12844	9669	9419	10328	10939	6733	4924	8134	4812	10089	7141	9524	6967	9918	10385	11402
H473	8594	12368	13125	7556	12647	9459	12812	9614	9363	10272	10905	6691	4867	8078	4760	10033	7087	9468	6927	9863	10329	11347
H474	8568	12340	13098	7527	12619	9430	12783	9595	9335	10247	10875	6660	4843	8053	4730	10011	7058	9441	6897	9835	10301	11319
H475	8546	12229	12985	7483	12509	9322	12678	9614	9301	10235	10773	6573	4834	8039	4672	10018	7009	9415	6804	9805	10268	11278
H476	8429	12148	12908	7364	12425	9235	12585	9514	9183	10122	10677	6464	4722	7925	4553	9911	6890	9297	6699	9687	10150	11159
H477	8409	12181	12943	7353	12458	9266	12613	9476	9167	10096	10702	6478	4695	7900	4550	9879	6882	9278	6718	9670	10134	11147
H478	8506	12150	12906	7430	12429	9243	12599	9600	9254	10201	10695	6500	4803	8004	4613	9995	6954	9372	6728	9760	10222	11227
H479	8521	12135	12891	7441	12416	9230	12589	9623	9267	10219	10686	6497	4822	8022	4620	10017	6963	9387	6723	9774	10235	11239
H480	8535	12124	12878	7450	12405	9221	12581	9643	9278	10235	10679	6496	4838	8037	4627	10035	6972	9400	6719	9787	10247	11249
H481	8548	12112	12866	7459	12393	9210	12572	9663	9289	10250	10672	6494	4854	8052	4633	10053	6979	9412	6715	9798	10258	11258
H482	8561	12096	12848	7466	12378	9195	12559	9684	9299	10265	10660	6488	4870	8067	4637	10072	6986	9424	6707	9809	10268	11266
H483	8595	12080	12831	7492	12363	9183	12551	9728	9329	10301	10654	6493	4908	8103	4659	10113	7010	9457	6708	9840	10298	11293
H484	8692	11991	12735	7558	12278	9106	12485	9872	9408	10411	10598	6479	5026	8212	4708	10244	7069	9548	6678	9925	10378	11362
H485	8705	12031	12775	7578	12318	9146	12524	9872	9425	10421	10636	6513	5034	8222	4731	10248	7090	9563	6713	9941	10395	11382
H486	8636	12113	12862	7535	12396	9218	12587	9762	9371	10341	10692	6535	4947	8143	4702	10150	7053	9498	6748	9882	10340	11336
H487	8614	12153	12904	7525	12436	9255	12620	9722	9356	10315	10722	6552	4918	8117	4699	10115	7046	9479	6771	9865	10324	11325
H488	8548	12191	12946	7476	12471	9286	12644	9631	9298	10241	10741	6548	4841	8044	4660	10030	7000	9415	6775	9804	10266	11273
H489	8912	12505	13250	7861	12790	9614	12987	9926	9676	10592	11092	6928	5188	8397	5051	10350	7388	9784	7147	10178	10642	11656
H490	8972	12550	13294	7923	12836	9663	13038	9977	9737	10650	11145	6986	5245	8456	5113	10405	7450	9844	7203	10238	10703	11717
H491	8869	12424	13169	7806	12709	9534	12907	9908	9626	10554	11013	6854	5151	8359	4990	10324	7331	9739	7070	10130	10593	11602
H492	10132	13619	14334	9149	13917	10777	14182	10925	10936	11764	12315	8225	6366	9582	6361	11426	8686	11017	8423	11424	11898	12933
H493	8958	12047	12778	7804	12339	9183	12579	10154	9664	10684	10707	6647	5303	8485	4942	10525	7309	9811	6825	10185	10635	11610
H494	10354	13095	13780	9235	13405	10313	13745	11384	11085	12051	11921	8010	6650	9855	6376	11819	8743	11217	8149	11599	12055	13040
H495	10060	11776	12437	8737	12096	9059	12507	11496	10660	11846	10735	7084	6549	9655	5839	11803	8208	10875	7141	11211	11631	12527
H496	10169	11863	12519	8849	12184	9154	12602	11591	10771	11953	10835	7196	6650	9760	5952	11903	8320	10984	7251	11321	11742	12640
H497	10195	10780	11400	8708	11112	8171	11619	11951	10666	12035	9926	6646	6929	9877	5862	12151	8155	10954	6603	11244	11626	12430

WTG												
NSA	8	21	28	34	65	50	18	78	1	40	42	67
H048	18645	16113	13847	14048	11722	12199	16551	6843	19713	13502	13378	9635
H049	19128	16316	14151	14028	11920	12354	16833	7369	20319	13973	13723	10171
H050	18833	15969	13823	13651	11575	12003	16499	7102	20053	13679	13403	9898
H051	19063	15949	13916	13440	11590	11973	16551	7513	20397	13931	13537	10257
H052	19638	16335	14403	13673	12030	12372	16994	8279	21055	14540	14060	10964
H053	20208	16558	14845	13640	12418	12677	17320	9385	21786	15223	14575	11895
H080	18931	15137	13529	12142	11095	11313	15938	8580	20593	14035	13299	10904
H081	19372	15586	13973	12589	11539	11760	16386	8944	21026	14466	13739	11304
H082	17970	14532	12670	11815	10271	10586	15223	6955	19473	12923	12357	9498
H083	19345	15984	14082	13287	11698	12028	16658	8085	20793	14263	13752	10733
H084	18581	15351	13374	12770	11019	11379	15984	7190	19978	13473	13018	9878
H085	17800	14540	12575	11961	10213	10570	15179	6507	19223	12703	12225	9152
H086	17561	14510	12437	12096	10134	10534	15086	6021	18890	12426	12049	8753
H087	18234	15271	13163	12899	10885	11298	15826	6583	19511	13087	12759	9356
H088	17256	14362	12219	12080	9968	10398	14892	5587	18518	12106	11803	8362
H090	18019	15158	13006	12872								

## DECIBEL - Main Result

Calculation: V100 Day v26

...continued from previous page

NSA	WTG											
	8	21	28	34	65	50	18	78	1	40	42	67
H095	16146	14387	11930	13012	10204	10770	14602	4895	16912	11159	11372	7319
H096	16687	14729	12307	13176	10467	11015	15000	5189	17531	11643	11769	7766
H097	16456	14820	12347	13515	10675	11247	15005	5371	17156	11516	11779	7709
H112	14538	12642	10196	11274	8449	9016	12878	3140	15417	9492	9646	5620
H113	15697	14067	11590	12812	9945	10521	14245	4651	16417	10752	11020	6947
H114	15105	12645	10331	10809	8281	8790	13038	3302	16221	9959	9848	6101
H115	16339	13976	11645	12142	9619	10130	14353	4557	17378	11208	11151	7326
H116	15138	12559	10282	10630	8177	8670	12986	3356	16306	9985	9816	6159
H117	16658	13866	11677	11689	9468	9918	14364	4940	17885	11504	11245	7729
H118	16265	13179	11114	10793	8804	9203	13758	4865	17634	11142	10733	7530
H119	18241	14461	12841	11487	10406	10628	15256	7957	19904	13348	12609	10239
H147	15991	12171	10578	9222	8143	8348	12969	6307	17701	11164	10367	8275
H148	15304	11562	9902	8697	7468	7697	12333	5591	16989	10443	9674	7526
H149	15146	11653	9810	8994	7400	7706	12346	4777	16721	10158	9519	6966
H150	14565	11112	9239	8516	6836	7155	11789	4277	16134	9571	8940	6393
H151	15069	12307	10093	10239	7910	8376	12784	3402	16320	9916	9655	6165
H152	14843	12327	10028	10467	7957	8461	12734	3048	15991	9692	9552	5853
H153	13032	11020	8581	9697	6834	7406	11270	1532	14019	7940	8038	4050
H154	14455	12578	10128	11230	8395	8964	12808	3087	15328	9414	9576	5545
H155	13818	12251	9757	11181	8225	8815	12394	3054	14573	8874	9177	5096
H156	13318	11847	9342	10889	7892	8489	11959	2859	14051	8405	8753	4672
H157	14166	12704	10203	11680	8712	9304	12824	3563	14861	9269	9616	5534
H161	11980	12366	9982	12753	9697	10270	12021	6669	11889	8325	9356	6292
H163	11378	10901	8409	10815	7712	8308	10741	4308	11749	6995	7778	4199
H165	12688	11387	8870	10611	7563	8166	11447	2836	13372	7839	8268	4213
H166	12516	11634	9113	11161	8067	8672	11588	3776	13014	7887	8492	4579
H167	11757	9749	7295	8575	5629	6215	9978	646	12798	6650	6746	2757
H168	13030	10855	8447	9408	6607	7166	11148	1314	14088	7907	7923	4018
H169	13368	10675	8417	8792	6292	6786	11116	1819	14638	8215	7967	4495
H170	12573	9269	7284	6946	4917	5292	9882	2921	14127	7563	6958	4501
H171	13146	9565	7769	6947	5343	5626	10270	3941	14801	8251	7511	5439
H172	13640	10131	8288	7542	5874	6179	10818	3920	15253	8693	8008	5701
H173	14235	10647	8864	7956	6439	6718	11363	4463	15869	9311	8600	6331
H174	15600	11659	10174	8630	7749	7908	12495	6441	17372	10871	10001	8191
H175	14685	10716	9258	7691	6841	6982	11556	5989	16483	10009	9102	7495
H198	13839	9808	8414	6763	6016	6122	10664	5799	15677	9251	8288	6983
H199	12168	8214	6741	5325	4341	4456	9033	4993	14002	7595	6612	5607
H200	11626	7926	6213	5334	3779	4012	8655	4081	13369	6877	6008	4646
H201	12099	8786	6801	6504	4431	4809	9397	2881	13671	7108	6480	4161
H202	10975	7612	5642	5432	3258	3636	8223	3176	12605	6054	5344	3545
H203	12337	9140	7091	6936	4761	5168	9718	2560	13853	7293	6741	4146
H204	11405	9143	6733	7827	4933	5507	9435	406	12571	6258	6213	2417
H206	10491	9107	6585	8558	5458	6063	9149	2230	11336	5555	5978	1972
H207	9515	8587	6079	8495	5405	5992	8494	3367	10232	4783	5450	1968
H208	10108	9695	7226	9813	6738	7318	9496	4245	10538	5746	6594	3325
H209	10393	10664	8292	11145	8128	8687	10318	5790	10465	6621	7670	4847
H210	9027	10349	8278	11561	8811	9286	9764	7783	8658	6412	7718	6119
H211	9159	10429	8337	11599	8827	9309	9856	7703	8807	6477	7771	6088
H212	9263	10506	8402	11651	8865	9351	9941	7673	8916	6546	7833	6094
H213	9392	10595	8473	11705	8901	9392	10039	7621	9055	6623	7901	6089
H214	9633	10754	8599	11793	8956	9458	10219	7506	9320	6762	8019	6067
H215	9838	10879	8695	11853	8987	9497	10363	7388	9551	6871	8108	6032
H217	8741	9714	7561	10782	7987	8474	9190	6987	8595	5720	6984	5260
H220	8502	8828	6534	9604	6723	7233	8429	5741	8721	4780	5928	3901
H221	9251	9675	7370	10389	7459	7987	9274	5931	9342	5627	6760	4439
H222	8295	7350	4861	7506	4489	5043	7223	3981	9135	3504	4229	1578
H224	8871	7635	5117	7490	4407	4990	7597	3304	9780	3948	4492	1093
H225	8686	6020	3654	4992	1911	2516	6362	3521	10173	3612	3191	1707
H226	8554	6478	3984	5901	2795	3393	6647	3273	9832	3400	3417	744
H227	8983	5981	3760	4590	1646	2212	6436	3666	10572	4018	3382	2295

To be continued on next page...

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

**DECIBEL - Main Result**

**Calculation: V100 Day v26**

*...continued from previous page*

WTG												
NSA	8	21	28	34	65	50	18	78	1	40	42	67
H228	11830	7958	6403	5175	3986	4137	8747	4666	13639	7206	6252	5189
H230	13017	8696	7678	5444	5446	5382	9649	6745	15000	8822	7677	7286
H233	13966	9528	8690	6184	6527	6419	10526	7762	15998	9910	8727	8422
H248	11801	7133	6925	3744	5321	4962	8218	8570	13979	8508	7152	8241
H249	10415	6086	5142	2942	3131	2913	7028	6384	12440	6477	5220	5872
H250	9797	5829	4386	3221	2084	2079	6628	5260	11696	5462	4330	4570
H251	8609	5473	3309	4099	1119	1688	5959	4192	10268	3757	2980	2646
H252	8552	5813	3467	4778	1692	2297	6173	3730	10075	3512	3021	1897
H253	7055	4902	2385	4865	2020	2485	5021	4875	8510	1949	1796	2288
H254	7983	6290	3767	6123	3077	3641	6334	3826	9166	2862	3155	1032
H255	7894	6515	4001	6548	3538	4087	6477	3990	8962	2863	3374	1212
H257	6445	6157	3887	7128	4515	4929	5802	5757	7254	2108	3300	3042
H258	7402	7382	5080	8205	5415	5892	7017	5490	7932	3333	4477	3097
H259	6726	7161	5021	8335	5726	6148	6680	6305	7138	3165	4461	3816
H260	6651	7294	5213	8567	6001	6412	6770	6587	6967	3339	4668	4121
H261	8285	8977	6778	9970	7171	7657	8498	6412	8339	4957	6194	4512
H262	7335	8642	6676	10068	7498	7918	8021	7506	7176	4790	6151	5328
H278	6886	8441	6590	10041	7585	7974	7764	7923	6651	4704	6096	5640
H279	5765	7607	5978	9500	7296	7615	6849	8392	5565	4141	5553	5883
H280	5699	7498	5864	9387	7189	7505	6744	8332	5542	4028	5440	5807
H281	5910	6871	4967	8428	6064	6417	6259	7197	6203	3081	4477	4614
H282	5219	6553	4867	8391	6244	6539	5849	7826	5467	3035	4446	5171
H283	5722	6282	4309	7756	5404	5748	5729	6859	6270	2420	3809	4180
H284	4788	5331	3567	7094	5064	5313	4716	7365	5594	1757	3159	4585
H285	4977	4729	2765	6269	4217	4456	4255	6897	6093	908	2319	4092
H286	6201	5289	2929	6129	3580	3961	5047	5654	7320	1300	2325	2850
H287	6756	4177	1699	4111	1508	1845	4399	5441	8388	1921	1195	3010
H288	5397	3458	1086	4518	2688	2805	3371	6607	7031	848	564	3955
H289	7343	3914	1919	2977	522	597	4450	5709	9180	3007	1803	3730
H292	8515	4293	3268	1729	1691	1222	5171	6452	10543	4752	3416	5108
H293	8302	3697	3583	401	2870	2285	4743	7832	10474	5356	3944	6385
H294	10084	5369	5490	2048	4392	3894	6476	8658	12304	7228	5823	7733
H295	10062	5390	6444	3048	6078	5499	6511	10770	12377	8320	6929	9575
H296	10632	5885	6440	2899	5591	5064	7018	9894	12910	8251	6838	8976
H297	7827	3081	4063	1207	4192	3586	4215	9351	10109	5950	4588	7696
H299	7070	2321	3352	1327	3833	3240	3452	9105	9340	5238	3909	7262
H300	6807	2637	1807	1762	1947	1415	3449	7255	8882	3603	2193	5287
H301	5294	1101	1567	2803	3302	2900	1826	8450	7464	3326	2198	6142
H302	5996	1373	2205	2070	3346	2836	2408	8634	8216	4062	2808	6513
H303	5065	2918	713	4253	2838	2838	2830	7090	6826	1217	572	4478
H305	4072	4144	2628	6156	4547	4672	3515	7751	5342	1232	2375	4952
H307	3313	4076	3037	6474	5164	5227	3271	8522	4602	1964	2918	5722
H308	3787	5527	4310	7825	6163	6331	4685	8689	4294	2780	4052	5916
H309	3924	5935	4727	8246	6542	6725	5072	8879	4191	3160	4457	6131
H310	4636	6886	5571	9108	7223	7459	6029	9030	4465	3882	5246	6374
H311	3791	6407	5386	8878	7265	7434	5473	9554	3668	3881	5150	6827
H312	3947	6977	6049	9528	7940	8109	6004	10107	3405	4556	5823	7412
H313	3418	6069	5155	8618	7118	7258	5115	9631	3451	3744	4958	6876
H314	2615	5421	4806	8162	6945	7016	4413	9915	3037	3655	4707	7122
H315	2674	4985	4295	7664	6440	6506	4011	9530	3440	3174	4198	6729
H316	2416	5560	5072	8385	7246	7303	4521	10256	2697	3978	4998	7463
H317	1798	4425	4238	7378	6557	6533	3363	10108	3107	3530	4283	7305
H318	2097	3718	3552	6644	5912	5858	2687	9708	3771	3058	3648	6922
H319	2897	2396	2546	5349	4980	4825	1443	9320	4943	2787	2831	6622
H320	3290	2750	2192	5351	4582	4501	1982	8699	5133	2110	2345	5974
H321	3443	1451	2433	4622	4786	4518	498	9520	5657	3298	2901	6930
H322	4415	739	1939	3650	4070	3727	928	9058	6624	3330	2527	6605
H323	5246	959	1704	2829	3441	3030	1737	8598	7435	3440	2336	6290
H324	6046	1320	3061	2340	4229	3692	2448	9533	8339	4862	3682	7439
H325	6697	1976	3474	1919	4278	3701	3105	9578	8994	5330	4071	7633

*To be continued on next page...*

## DECIBEL - Main Result

Calculation: V100 Day v26

...continued from previous page

NSA	8	21	28	34	65	50	18	78	1	40	42	67
H326	6782	2343	4317	2744	5265	4688	3361	10565	9109	6118	4934	8602
H327	7768	3146	4652	2152	5080	4476	4245	10281	10087	6528	5225	8556
H328	8387	3911	5554	2899	5926	5320	4965	11067	10715	7426	6130	9423
H330	10371	5865	7249	4028	7115	6524	6940	11894	12699	9138	7776	10631
H331	10409	5940	7375	4188	7281	6689	7004	12078	12738	9264	7909	10800
H334	10073	5700	7287	4256	7364	6764	6734	12275	12400	9171	7841	10889
H335	8674	4500	6404	3931	6936	6331	5457	12099	10995	8247	7002	10418
H336	8653	4593	6579	4206	7186	6583	5512	12369	10967	8406	7184	10655
H337	8376	4495	6607	4461	7368	6770	5350	12597	10678	8400	7223	10802
H338	7502	3767	6020	4321	7031	6447	4548	12320	9802	7755	6647	10378
H339	6644	3213	5623	4487	6920	6363	3849	12229	8933	7260	6256	10136
H340	5721	2385	4878	4340	6418	5897	2907	11701	8026	6421	5506	9482
H341	5016	2194	4713	4716	6484	6002	2440	11705	7313	6109	5325	9374
H342	4104	1787	4165	4888	6184	5763	1621	11275	6421	5368	4743	8825
H343	2493	2258	3380	5588	5778	5533	1127	10357	4776	3893	3779	7694
H345	996	3894	4432	7138	6857	6725	2761	10895	3140	4236	4646	8120
H346	699	4086	4742	7374	7172	7028	2952	11229	2948	4570	4970	8453
H347	1064	4040	4412	7230	6823	6716	2914	10750	3034	4096	4588	7965
H348	2228	6060	5798	9027	8020	8056	4973	11047	1919	4779	5760	8260
H349	2495	6891	6847	9984	9106	9124	5772	12121	992	5885	6839	9341
H350	1856	6508	6779	9727	9125	9085	5374	12481	545	6048	6852	9682
H351	547	5198	5968	8542	8395	8256	4078	12335	2031	5692	6181	9541
H352	1074	5184	6242	8575	8677	8493	4105	12811	2503	6153	6515	10032
H353	1221	4864	6059	8263	8489	8279	3810	12749	2919	6094	6366	9986
H354	1159	4030	5220	7423	7644	7426	2959	11994	3372	5360	5547	9252
H355	8262	4470	2846	2616	705	543	5174	5591	10158	4021	2811	4084
H356	11041	6398	6140	2999	4584	4202	7471	8144	13207	7734	6372	7618
H357	13175	8660	7987	5284	5952	5771	9685	7886	15254	9323	8078	8206
H358	14145	10087	8722	7008	6329	6426	10953	6051	15991	9571	8601	7292
H359	10700	9649	7128	9287	6180	6783	9613	2879	11381	5933	6507	2657
H360	13867	10831	8720	8625	6439	6866	11377	2814	15270	8754	8332	5242
H361	14801	11721	9641	9416	7338	7748	12288	3602	16200	9688	9260	6145
H362	14821	12322	10017	10476	7954	8461	12724	3023	15962	9671	9539	5827
H363	17543	14275	12312	11699	9949	10305	14914	6284	18972	12449	11965	8912
H364	1835	5217	6585	8614	9004	8770	4216	13349	3210	6701	6920	10594
H365	1985	4952	6432	8340	8836	8581	3986	13277	3549	6650	6794	10540
H366	2467	4224	5972	7567	8318	8013	3368	12981	4380	6450	6400	10300
H367	3555	3530	5688	6678	7873	7490	2981	12820	5649	6548	6206	10252
H368	3447	3095	5245	6284	7429	7049	2538	12378	5632	6134	5766	9818
H369	3846	3063	5332	6134	7445	7039	2650	12468	6031	6328	5878	9949
H370	5291	3076	5590	5464	7361	6871	3214	12590	7515	6936	6199	10255
H371	5528	3007	5530	5227	7221	6718	3257	12476	7771	6942	6147	10182
H372	2581	6555	7798	9955	10231	10027	5534	14376	2836	7720	8086	11591
H373	2945	6317	7812	9689	10223	9972	5374	14589	3637	7938	8158	11830
H374	2571	6925	7961	10322	10394	10230	5859	14335	2242	7708	8197	11536
H375	5918	10657	10885	13903	13158	13172	9523	15896	3640	9910	10891	13177
H376	6269	10932	10917	14082	13104	13167	9801	15508	3940	9782	10862	12842
H377	4198	8900	9069	12110	11347	11356	7766	14232	1875	8120	9078	11481
H378	3111	7815	8055	11041	10370	10354	6681	13485	787	7208	8096	10705
H379	6481	11040	10843	14103	12954	13053	9918	15106	4178	9596	10742	12487
H380	6167	10711	10506	13767	12621	12718	9590	14809	3874	9265	10407	12180
H381	5495	10053	9902	13131	12050	12130	8930	14400	3203	8711	9821	11734
H382	3964	8577	8598	11723	10837	10869	7447	13610	1665	7571	8576	10869
H383	4585	9111	8975	12189	11149	11216	7989	13662	2337	7828	8909	10960
H384	5179	9610	9330	12617	11434	11534	8498	13694	2984	8078	9223	11038
H385	3334	7763	7638	10830	9848	9894	6645	12612	1344	6565	7594	9863
H386	4691	8390	7637	11087	9550	9718	7357	11488	3274	6166	7429	8865
H387	4371	7552	6606	10095	8450	8637	6573	10406	3536	5070	6363	7757
H388	5413	8493	7360	10887	9031	9272	7548	10462	4394	5696	7054	7936
H389	5122	8134	7010	10535	8707	8939	7193	10263	4224	5361	6711	7700

To be continued on next page...



## DECIBEL - Main Result

Calculation: V100 Day v26

...continued from previous page

WTG												
NSA	8	21	28	34	65	50	18	78	1	40	42	67
H390	5030	7982	6846	10371	8543	8775	7046	10135	4204	5196	6546	7559
H391	5047	7987	6844	10370	8536	8769	7053	10117	4227	5191	6542	7544
H392	5069	7995	6843	10370	8529	8764	7064	10096	4255	5186	6539	7526
H393	5087	7997	6837	10365	8516	8753	7068	10072	4281	5175	6531	7504
H394	5126	8001	6821	10351	8487	8727	7077	10017	4338	5150	6510	7453
H395	5002	7970	6844	10368	8550	8779	7031	10159	4169	5200	6548	7580
H396	4681	7509	6378	9899	8109	8328	6580	9871	4054	4749	6088	7249
H397	5139	8006	6822	10352	8484	8725	7084	10006	4354	5149	6509	7444
H398	5165	8014	6819	10351	8473	8717	7095	9980	4388	5141	6504	7421
H399	5233	8059	6845	10379	8483	8731	7144	9950	4459	5157	6524	7400
H400	5191	7997	6781	10315	8421	8668	7084	9907	4443	5094	6461	7351
H401	6189	8987	7650	11190	9135	9426	8096	10117	5244	5888	7285	7709
H402	5608	8069	6668	10209	8158	8443	7214	9373	5023	4901	6298	6871
H403	6597	9015	7487	11016	8799	9129	8189	9466	5855	5661	7072	7138
H404	7334	9879	8338	11861	9586	9934	9048	9936	6403	6499	7911	7740
H405	7948	10503	8921	12434	10096	10463	9679	10180	6941	7069	8480	8097
H406	7309	9365	7642	11128	8724	9103	8614	8909	6700	5768	7174	6736
H407	8005	10142	8396	11866	9404	9802	9390	9262	7260	6516	7916	7240
H408	8546	10951	9273	12759	10320	10714	10161	10072	7577	7400	8805	8126
H409	8763	11118	9408	12883	10411	10813	10340	10044	7806	7531	8932	8151
H410	8733	10976	9225	12686	10185	10595	10217	9766	7849	7343	8739	7886
H411	8040	9820	7948	11370	8816	9236	9131	8511	7510	6060	7439	6526
H412	8950	10748	8828	12212	9575	10020	10072	8818	8315	6941	8302	7063
H413	8938	10723	8799	12181	9542	9987	10049	8784	8312	6912	8273	7028
H414	8921	10689	8760	12140	9498	9944	10018	8740	8306	6874	8233	6982
H415	8910	10668	8737	12115	9472	9918	9998	8714	8301	6850	8209	6955
H416	9005	10777	8845	12222	9574	10022	10106	8777	8380	6959	8316	7040
H417	9072	10883	8962	12342	9698	10146	10207	8892	8418	7075	8435	7165
H418	8899	10647	8714	12090	9446	9893	9980	8688	8298	6827	8185	6928
H419	8972	10722	8785	12158	9508	9956	10055	8715	8363	6898	8255	6974
H420	8982	10726	8787	12160	9507	9956	10060	8708	8374	6901	8257	6970
H421	9019	10786	8852	12227	9577	10025	10117	8771	8396	6966	8323	7039
H422	8943	10680	8741	12113	9462	9911	10015	8677	8344	6854	8210	6930
H423	8959	10691	8749	12120	9467	9916	10027	8672	8361	6863	8218	6929
H424	8919	10629	8682	12051	9396	9845	9969	8609	8338	6796	8150	6860
H425	8891	10582	8631	11997	9340	9790	9925	8557	8324	6745	8098	6803
H426	8710	10402	8460	11836	9195	9640	9741	8503	8160	6574	7931	6701
H427	8647	10123	8118	11456	8772	9228	9501	8019	8228	6238	7574	6224
H428	8792	10162	8117	11425	8704	9171	9563	7826	8420	6244	7564	6085
H429	8871	10235	8184	11486	8757	9226	9639	7833	8494	6313	7629	6117
H430	8893	10247	8192	11491	8758	9228	9653	7818	8519	6322	7636	6109
H431	8935	10297	8243	11540	8806	9277	9702	7847	8552	6373	7687	6150
H432	8891	10311	8276	11589	8871	9337	9705	7961	8480	6402	7725	6243
H433	8940	10345	8303	11610	8885	9353	9743	7942	8532	6431	7750	6241
H434	8904	10334	8301	11615	8898	9364	9726	7986	8486	6427	7750	6271
H435	8773	10240	8225	11554	8856	9317	9622	8031	8346	6347	7678	6273
H436	8793	10253	8235	11561	8860	9321	9637	8021	8369	6357	7687	6270
H437	8736	10228	8223	11559	8870	9328	9605	8075	8300	6343	7678	6304
H438	8745	10247	8245	11583	8895	9353	9623	8100	8301	6365	7701	6330
H439	8752	10264	8264	11603	8917	9374	9637	8123	8302	6383	7721	6354
H440	8776	10329	8340	11686	9007	9462	9695	8217	8301	6458	7799	6451
H441	8791	10372	8391	11742	9068	9522	9733	8284	8297	6509	7852	6518
H442	8823	10444	8474	11831	9163	9616	9799	8381	8303	6590	7937	6619
H443	8848	10499	8537	11898	9235	9686	9848	8454	8309	6652	8002	6694
H444	8875	10554	8599	11964	9305	9756	9898	8525	8316	6714	8066	6769
H445	9379	11128	9170	12525	9842	10301	10467	8861	8734	7286	8634	7223
H446	9354	11105	9150	12507	9826	10284	10444	8857	8710	7266	8614	7213
H447	9279	11028	9076	12435	9760	10216	10366	8825	8642	7191	8541	7161
H448	9256	11014	9066	12428	9757	10212	10351	8837	8617	7181	8532	7166
H449	9242	11004	9058	12421	9752	10206	10339	8840	8601	7172	8524	7165

To be continued on next page...

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

**DECIBEL - Main Result**

**Calculation: V100 Day v26**

*...continued from previous page*

**WTG**

NSA	8	21	28	34	65	50	18	78	1	40	42	67
H450	9187	10971	9035	12406	9746	10198	10301	8872	8537	7149	8504	7179
H451	9438	11163	9195	12542	9849	10310	10508	8827	8803	7312	8656	7209
H452	9888	11786	9855	13219	10537	10996	11105	9431	9116	7970	9323	7881
H453	9474	11173	9195	12535	9833	10297	10523	8780	8850	7313	8653	7177
H454	9452	11138	9157	12496	9793	10257	10491	8742	8838	7276	8615	7136
H455	9381	11062	9083	12424	9725	10188	10415	8704	8775	7201	8542	7080
H456	9397	11040	9048	12380	9671	10136	10400	8621	8812	7168	8503	7009
H457	9406	11015	9012	12337	9619	10087	10382	8546	8840	7134	8465	6943
H458	9409	10992	8980	12299	9575	10045	10363	8486	8858	7103	8432	6889
H459	9426	11001	8986	12303	9575	10046	10374	8474	8878	7109	8437	6883
H460	9477	11033	9011	12320	9585	10058	10411	8450	8934	7135	8459	6877
H461	9503	11050	9023	12330	9590	10064	10430	8437	8964	7149	8471	6873
H462	9530	11067	9036	12339	9596	10071	10449	8424	8994	7163	8483	6870
H463	9560	11121	9096	12402	9662	10136	10499	8491	9008	7221	8543	6939
H464	9508	11031	8997	12297	9552	10028	10415	8384	8982	7124	8443	6826
H465	9481	10980	8940	12237	9489	9965	10369	8320	8970	7068	8385	6760
H466	9450	10936	8894	12189	9440	9917	10327	8279	8950	7022	8338	6712
H467	9413	10880	8833	12126	9375	9852	10273	8221	8927	6962	8276	6648
H468	9395	10841	8788	12078	9324	9802	10238	8168	8922	6919	8231	6593
H469	9362	10789	8732	12019	9264	9742	10189	8113	8903	6864	8174	6533
H470	9337	10749	8690	11975	9219	9697	10152	8074	8888	6822	8131	6489
H471	9270	10658	8595	11878	9122	9599	10065	7998	8842	6728	8035	6397
H472	9295	10628	8548	11817	9047	9529	10046	7883	8894	6685	7985	6299
H473	9244	10572	8492	11763	8996	9477	9990	7856	8852	6629	7929	6257
H474	9230	10547	8465	11734	8966	9447	9967	7827	8845	6602	7901	6226
H475	9271	10534	8434	11688	8906	9391	9965	7719	8913	6577	7867	6139
H476	9186	10420	8317	11569	8787	9272	9855	7633	8851	6460	7749	6030
H477	9141	10395	8299	11559	8785	9267	9825	7664	8800	6440	7733	6045
H478	9273	10500	8390	11635	8844	9332	9937	7639	8934	6535	7820	6065
H479	9300	10517	8404	11644	8850	9339	9957	7626	8964	6550	7833	6062
H480	9322	10532	8416	11653	8856	9345	9974	7616	8988	6564	7845	6061
H481	9344	10547	8427	11662	8861	9351	9991	7606	9012	6576	7855	6059
H482	9369	10562	8438	11668	8864	9356	10008	7591	9040	6588	7865	6053
H483	9417	10598	8469	11693	8883	9376	10047	7578	9091	6622	7895	6058
H484	9581	10706	8555	11754	8921	9421	10169	7500	9271	6716	7976	6043
H485	9573	10717	8571	11775	8946	9445	10176	7540	9253	6730	7993	6077
H486	9445	10638	8511	11736	8927	9420	10085	7613	9109	6663	7937	6099
H487	9396	10612	8494	11728	8926	9417	10054	7650	9052	6642	7922	6117
H488	9296	10539	8433	11680	8892	9379	9974	7682	8946	6578	7864	6113
H489	9536	10892	8807	12067	9284	9770	10309	8009	9102	6946	8242	6493
H490	9580	10950	8867	12129	9345	9831	10365	8057	9134	7006	8303	6551
H491	9533	10854	8759	12011	9221	9708	10278	7929	9119	6901	8192	6419
H492	10366	12069	10056	13357	10597	11079	11431	9172	9671	8180	9503	7789
H493	9857	10978	8815	11994	9142	9648	10447	7577	9526	6982	8232	6210
H494	10940	12350	10229	13428	10571	11080	11777	8717	10371	8382	9652	7574
H495	11284	12131	9855	12855	9881	10426	11677	7483	10996	8089	9247	6657
H496	11367	12238	9965	12968	9995	10539	11780	7580	11062	8197	9358	6769
H497	11917	12304	9921	12697	9642	10215	11958	6640	11830	8263	9296	6241

## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

### Assumptions

Calculated L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet  
 (when calculated with ground attenuation, then Dc = Domega)

LWA,ref:	Sound pressure level at WTG
K:	Pure tone
Dc:	Directivity correction
Adiv:	the attenuation due to geometrical divergence
Aatm:	the attenuation due to atmospheric absorption
Agr:	the attenuation due to ground effect
Abar:	the attenuation due to a barrier
Amisc:	the attenuation due to miscellaneous other effects
Cmet:	Meteorological correction

### Calculation Results

#### Noise sensitive area: H048 H048

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,713	19,713	-8.84	105.0	0.00	96.90	-	-	0.00	0.00	-	0.00
2	19,932	19,932	-8.99	105.0	0.00	96.99	-	-	0.00	0.00	-	0.00
3	19,503	19,503	-8.70	105.0	0.00	96.80	-	-	0.00	0.00	-	0.00
4	18,536	18,536	-8.03	105.0	0.00	96.36	-	-	0.00	0.00	-	0.00
5	18,336	18,336	-7.89	105.0	0.00	96.27	-	-	0.00	0.00	-	0.00
6	18,684	18,684	-8.13	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
7	18,599	18,599	-8.07	105.0	0.00	96.39	-	-	0.00	0.00	-	0.00
8	18,645	18,645	-8.11	105.0	0.00	96.41	-	-	0.00	0.00	-	0.00
9	17,929	17,929	-7.59	105.0	0.00	96.07	-	-	0.00	0.00	-	0.00
10	17,996	17,996	-7.64	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
11	18,270	18,270	-7.84	105.0	0.00	96.23	-	-	0.00	0.00	-	0.00
12	17,342	17,342	-7.15	105.0	0.00	95.78	-	-	0.00	0.00	-	0.00
13	17,618	17,618	-7.36	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00
14	18,141	18,141	-7.74	105.0	0.00	96.17	-	-	0.00	0.00	-	0.00
15	17,122	17,122	-6.98	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
16	16,665	16,665	-6.62	105.0	0.00	95.44	-	-	0.00	0.00	-	0.00
17	16,665	16,665	-6.62	105.0	0.00	95.44	-	-	0.00	0.00	-	0.00
18	16,551	16,551	-6.53	105.0	0.00	95.38	-	-	0.00	0.00	-	0.00
19	15,948	15,948	-6.03	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
20	16,021	16,021	-6.10	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
21	16,113	16,113	-6.17	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
22	15,497	15,497	-5.65	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
23	14,688	14,688	-4.93	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
24	14,868	14,869	-5.10	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
25	14,317	14,317	-4.59	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
26	14,755	14,755	-5.00	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
27	14,436	14,436	-4.70	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
28	13,847	13,847	-4.14	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
29	14,577	14,577	-4.83	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
30	14,463	14,463	-4.73	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
31	14,457	14,457	-4.72	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
32	13,924	13,924	-4.22	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
33	14,327	14,327	-4.60	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
34	14,048	14,048	-4.34	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
35	13,732	13,732	-4.03	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
36	13,560	13,560	-3.86	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
37	13,061	13,061	-3.35	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
38	12,917	12,917	-3.20	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
39	13,092	13,092	-3.38	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
40	13,502	13,502	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
41	12,707	12,707	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
42	13,378	13,378	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
43	13,236	13,236	<b>-3.53</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
44	12,969	12,969	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
45	12,609	12,609	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
46	12,208	12,208	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
47	12,964	12,964	<b>-3.25</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
48	13,025	13,025	<b>-3.31</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
49	13,204	13,205	<b>-3.50</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
50	12,199	12,199	<b>-2.42</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
51	12,435	12,435	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
52	12,630	12,630	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
53	13,433	13,433	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
54	13,707	13,707	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
55	11,968	11,968	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
56	11,617	11,617	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
57	11,683	11,684	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
58	11,494	11,494	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
59	11,214	11,215	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
60	11,235	11,235	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
61	11,601	11,601	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
62	10,840	10,840	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
63	10,857	10,857	<b>-0.83</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
64	11,396	11,396	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
65	11,722	11,722	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
66	10,934	10,934	<b>-0.92</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
67	9,635	9,635	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
68	9,422	9,422	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
69	9,542	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
70	9,613	9,613	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
71	9,556	9,556	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
72	9,128	9,128	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
73	8,940	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
74	8,224	8,224	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
75	7,795	7,795	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
76	7,629	7,629	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
77	7,560	7,560	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
78	6,843	6,844	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
79	6,112	6,112	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
80	7,012	7,012	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
81	6,139	6,139	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
82	6,381	6,381	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
83	7,248	7,248	<b>4.81</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
84	6,602	6,602	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
85	6,842	6,842	<b>5.62</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
86	6,998	6,998	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
87	4,142	4,143	<b>12.60</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
88	5,440	5,440	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
89	5,088	5,089	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
90	5,504	5,504	<b>8.68</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
91	4,839	4,839	<b>10.47</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
92	5,119	5,119	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
93	6,109	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
94	3,039	3,040	<b>16.67</b>	105.0	0.00	80.66	-	-	0.00	0.00	-	0.00
95	3,237	3,238	<b>15.86</b>	105.0	0.00	81.20	-	-	0.00	0.00	-	0.00
96	2,863	2,864	<b>17.42</b>	105.0	0.00	80.14	-	-	0.00	0.00	-	0.00
97	3,809	3,809	<b>13.73</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
98	4,383	4,384	<b>11.83</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
99	4,825	4,825	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
100	4,235	4,236	<b>12.30</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
Sum	25.53											

- Data undefined due to calculation with octave data

### Noise sensitive area: H049 H049

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	20,319	20,319	<b>-9.24</b>	105.0	0.00	97.16	-	-	0.00	0.00	-	0.00
2	20,503	20,503	<b>-9.36</b>	105.0	0.00	97.24	-	-	0.00	0.00	-	0.00
3	20,060	20,061	<b>-9.07</b>	105.0	0.00	97.05	-	-	0.00	0.00	-	0.00
4	19,187	19,187	<b>-8.48</b>	105.0	0.00	96.66	-	-	0.00	0.00	-	0.00
5	18,962	18,962	<b>-8.33</b>	105.0	0.00	96.56	-	-	0.00	0.00	-	0.00
6	19,243	19,244	<b>-8.52</b>	105.0	0.00	96.69	-	-	0.00	0.00	-	0.00
7	19,127	19,127	<b>-8.44</b>	105.0	0.00	96.63	-	-	0.00	0.00	-	0.00
8	19,128	19,128	<b>-8.44</b>	105.0	0.00	96.63	-	-	0.00	0.00	-	0.00
9	18,453	18,454	<b>-7.97</b>	105.0	0.00	96.32	-	-	0.00	0.00	-	0.00
10	18,497	18,497	<b>-8.00</b>	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
11	18,657	18,657	<b>-8.11</b>	105.0	0.00	96.42	-	-	0.00	0.00	-	0.00
12	17,769	17,769	<b>-7.47</b>	105.0	0.00	95.99	-	-	0.00	0.00	-	0.00
13	17,998	17,998	<b>-7.64</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
14	18,467	18,468	<b>-7.98</b>	105.0	0.00	96.33	-	-	0.00	0.00	-	0.00
15	17,433	17,433	<b>-7.22</b>	105.0	0.00	95.83	-	-	0.00	0.00	-	0.00
16	17,114	17,114	<b>-6.97</b>	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
17	17,006	17,006	<b>-6.89</b>	105.0	0.00	95.61	-	-	0.00	0.00	-	0.00
18	16,833	16,833	<b>-6.75</b>	105.0	0.00	95.52	-	-	0.00	0.00	-	0.00
19	16,306	16,306	<b>-6.33</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
20	16,248	16,248	<b>-6.28</b>	105.0	0.00	95.22	-	-	0.00	0.00	-	0.00
21	16,316	16,316	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
22	16,085	16,085	<b>-6.15</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00
23	15,306	15,307	<b>-5.49</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00
24	15,309	15,309	<b>-5.49</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00
25	14,731	14,731	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
26	15,132	15,132	<b>-5.33</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
27	14,751	14,751	<b>-4.99</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
28	14,151	14,151	<b>-4.43</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
29	14,814	14,814	<b>-5.05</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
30	14,656	14,656	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
31	14,603	14,603	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
32	14,145	14,145	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
33	14,363	14,363	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
34	14,028	14,028	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
35	14,362	14,363	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
36	14,151	14,151	<b>-4.43</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
37	13,712	13,712	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
38	13,536	13,536	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
39	13,641	13,641	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
40	13,973	13,973	<b>-4.26</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
41	13,150	13,150	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
42	13,723	13,723	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
43	13,520	13,520	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
44	13,373	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
45	12,973	12,973	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
46	12,613	12,613	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
47	13,184	13,184	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
48	13,196	13,196	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
49	13,339	13,339	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
50	12,354	12,354	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
51	12,559	12,559	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
52	12,720	12,720	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
53	13,488	13,488	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
54	13,630	13,630	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
55	12,666	12,666	<b>-2.94</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
56	12,293	12,293	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
57	12,316	12,316	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
58	12,081	12,081	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
59	11,638	11,638	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
60	11,621	11,621	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
61	11,907	11,907	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
62	11,196	11,196	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
63	11,170	11,170	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
64	11,626	11,627	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
65	11,920	11,920	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
66	11,643	11,644	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
67	10,171	10,171	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
68	9,989	9,989	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
69	10,028	10,028	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
70	10,053	10,053	<b>0.24</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
71	9,930	9,931	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
72	9,460	9,460	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
73	9,425	9,425	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
74	8,906	8,906	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
75	8,424	8,425	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
76	8,208	8,209	<b>3.07</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
77	7,826	7,826	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
78	7,369	7,369	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
79	6,387	6,387	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
80	6,944	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
81	6,066	6,066	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
82	6,250	6,250	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
83	6,908	6,908	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
84	6,172	6,173	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
85	6,361	6,362	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
86	6,452	6,452	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
87	4,195	4,195	<b>12.43</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
88	5,364	5,364	<b>9.04</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
89	4,874	4,875	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
90	5,225	5,225	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
91	4,508	4,508	<b>11.45</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
92	4,711	4,712	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
93	5,698	5,699	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
94	3,430	3,430	<b>15.11</b>	105.0	0.00	81.71	-	-	0.00	0.00	-	0.00
95	3,482	3,482	<b>14.91</b>	105.0	0.00	81.84	-	-	0.00	0.00	-	0.00
96	2,904	2,905	<b>17.24</b>	105.0	0.00	80.26	-	-	0.00	0.00	-	0.00
97	3,234	3,235	<b>15.87</b>	105.0	0.00	81.20	-	-	0.00	0.00	-	0.00
98	3,849	3,850	<b>13.59</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
99	4,223	4,224	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
100	3,512	3,513	<b>14.80</b>	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00

Sum 25.82

- Data undefined due to calculation with octave data

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H050 H050

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	20,053	20,053	-9.07	105.0	0.00	97.04	-	-	0.00	0.00	-	0.00
2	20,229	20,229	-9.18	105.0	0.00	97.12	-	-	0.00	0.00	-	0.00
3	19,783	19,783	-8.89	105.0	0.00	96.93	-	-	0.00	0.00	-	0.00
4	18,934	18,934	-8.31	105.0	0.00	96.54	-	-	0.00	0.00	-	0.00
5	18,702	18,702	-8.15	105.0	0.00	96.44	-	-	0.00	0.00	-	0.00
6	18,967	18,967	-8.33	105.0	0.00	96.56	-	-	0.00	0.00	-	0.00
7	18,842	18,843	-8.25	105.0	0.00	96.50	-	-	0.00	0.00	-	0.00
8	18,833	18,833	-8.24	105.0	0.00	96.50	-	-	0.00	0.00	-	0.00
9	18,169	18,169	-7.76	105.0	0.00	96.19	-	-	0.00	0.00	-	0.00
10	18,206	18,207	-7.79	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
11	18,341	18,341	-7.89	105.0	0.00	96.27	-	-	0.00	0.00	-	0.00
12	17,463	17,463	-7.24	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
13	17,681	17,681	-7.40	105.0	0.00	95.95	-	-	0.00	0.00	-	0.00
14	18,141	18,141	-7.74	105.0	0.00	96.17	-	-	0.00	0.00	-	0.00
15	17,103	17,103	-6.96	105.0	0.00	95.66	-	-	0.00	0.00	-	0.00
16	16,813	16,813	-6.74	105.0	0.00	95.51	-	-	0.00	0.00	-	0.00
17	16,683	16,683	-6.63	105.0	0.00	95.45	-	-	0.00	0.00	-	0.00
18	16,499	16,499	-6.49	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
19	15,987	15,987	-6.07	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
20	15,905	15,905	-6.00	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
21	15,969	15,969	-6.05	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
22	15,817	15,817	-5.93	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
23	15,048	15,048	-5.26	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
24	15,008	15,008	-5.22	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
25	14,424	14,424	-4.69	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
26	14,817	14,817	-5.05	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
27	14,424	14,425	-4.69	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
28	13,823	13,823	-4.12	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
29	14,473	14,473	-4.74	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
30	14,308	14,308	-4.58	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
31	14,248	14,248	-4.53	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
32	13,803	13,803	-4.10	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
33	13,993	13,993	-4.28	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
34	13,651	13,651	-3.95	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
35	14,108	14,108	-4.39	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
36	13,886	13,886	-4.18	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
37	13,464	13,464	-3.76	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
38	13,279	13,280	-3.58	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
39	13,366	13,366	-3.66	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
40	13,679	13,679	-3.98	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
41	12,851	12,851	-3.13	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
42	13,403	13,403	-3.70	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
43	13,189	13,189	-3.48	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
44	13,065	13,065	-3.36	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
45	12,658	12,658	-2.93	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
46	12,306	12,306	-2.54	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
47	12,842	12,842	-3.12	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
48	12,846	12,846	-3.13	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
49	12,984	12,984	-3.27	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
50	12,003	12,003	-2.20	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
51	12,202	12,203	-2.43	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
52	12,358	12,358	-2.60	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
53	13,121	13,121	-3.41	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
54	13,248	13,248	-3.54	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
55	12,433	12,434	-2.68	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
56	12,054	12,054	-2.26	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
57	12,065	12,065	-2.27	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
58	11,818	11,818	-1.99	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
59	11,337	11,337	-1.42	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	11,311	11,312	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
61	11,581	11,582	<b>-1.71</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
62	10,881	10,882	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
63	10,847	10,847	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
64	11,288	11,288	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
65	11,575	11,575	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
66	11,416	11,416	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
67	9,898	9,899	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
68	9,725	9,725	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
69	9,743	9,744	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
70	9,758	9,759	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
71	9,622	9,622	<b>0.85</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
72	9,144	9,144	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
73	9,142	9,142	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
74	8,676	8,677	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
75	8,181	8,182	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
76	7,953	7,953	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
77	7,501	7,502	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
78	7,102	7,103	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
79	6,069	6,069	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
80	6,570	6,570	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
81	5,694	5,694	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
82	5,871	5,871	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
83	6,510	6,511	<b>6.32</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
84	5,772	5,772	<b>8.02</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
85	5,959	5,960	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
86	6,049	6,050	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
87	3,851	3,852	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
88	4,994	4,994	<b>10.03</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
89	4,490	4,491	<b>11.50</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
90	4,834	4,834	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
91	4,115	4,115	<b>12.69</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
92	4,313	4,313	<b>12.05</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
93	5,298	5,299	<b>9.21</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
94	3,169	3,170	<b>16.14</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
95	3,186	3,187	<b>16.07</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
96	2,577	2,579	<b>18.71</b>	105.0	0.00	79.23	-	-	0.00	0.00	-	0.00
97	2,832	2,833	<b>17.56</b>	105.0	0.00	80.05	-	-	0.00	0.00	-	0.00
98	3,447	3,448	<b>15.04</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
99	3,821	3,822	<b>13.68</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
100	3,113	3,114	<b>16.36</b>	105.0	0.00	80.87	-	-	0.00	0.00	-	0.00

Sum 27.01

- Data undefined due to calculation with octave data

### Noise sensitive area: H051 H051

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	20,397	20,397	<b>-9.29</b>	105.0	0.00	97.19	-	-	0.00	0.00	-	0.00
2	20,538	20,538	<b>-9.38</b>	105.0	0.00	97.25	-	-	0.00	0.00	-	0.00
3	20,081	20,081	<b>-9.09</b>	105.0	0.00	97.06	-	-	0.00	0.00	-	0.00
4	19,327	19,327	<b>-8.58</b>	105.0	0.00	96.72	-	-	0.00	0.00	-	0.00
5	19,072	19,072	<b>-8.41</b>	105.0	0.00	96.61	-	-	0.00	0.00	-	0.00
6	19,270	19,270	<b>-8.54</b>	105.0	0.00	96.70	-	-	0.00	0.00	-	0.00
7	19,116	19,116	<b>-8.44</b>	105.0	0.00	96.63	-	-	0.00	0.00	-	0.00
8	19,063	19,063	<b>-8.40</b>	105.0	0.00	96.60	-	-	0.00	0.00	-	0.00
9	18,442	18,442	<b>-7.96</b>	105.0	0.00	96.32	-	-	0.00	0.00	-	0.00
10	18,458	18,458	<b>-7.97</b>	105.0	0.00	96.32	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

*...continued from previous page*

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	18,482	18,482	-7.99	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
12	17,647	17,647	-7.38	105.0	0.00	95.93	-	-	0.00	0.00	-	0.00
13	17,819	17,819	-7.51	105.0	0.00	96.02	-	-	0.00	0.00	-	0.00
14	18,225	18,225	-7.81	105.0	0.00	96.21	-	-	0.00	0.00	-	0.00
15	17,178	17,178	-7.02	105.0	0.00	95.70	-	-	0.00	0.00	-	0.00
16	17,022	17,022	-6.90	105.0	0.00	95.62	-	-	0.00	0.00	-	0.00
17	16,789	16,789	-6.72	105.0	0.00	95.50	-	-	0.00	0.00	-	0.00
18	16,551	16,551	-6.53	105.0	0.00	95.38	-	-	0.00	0.00	-	0.00
19	16,114	16,114	-6.17	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
20	15,908	15,908	-6.00	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
21	15,949	15,949	-6.04	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
22	16,165	16,165	-6.22	105.0	0.00	95.17	-	-	0.00	0.00	-	0.00
23	15,431	15,431	-5.59	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
24	15,220	15,220	-5.41	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
25	14,616	14,616	-4.87	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
26	14,970	14,970	-5.19	105.0	0.00	94.50	-	-	0.00	0.00	-	0.00
27	14,522	14,522	-4.78	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
28	13,916	13,916	-4.21	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
29	14,496	14,496	-4.76	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
30	14,292	14,292	-4.57	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
31	14,187	14,188	-4.47	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
32	13,817	13,817	-4.11	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
33	13,832	13,832	-4.13	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
34	13,440	13,440	-3.74	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
35	14,510	14,510	-4.77	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
36	14,251	14,251	-4.53	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
37	13,890	13,891	-4.18	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
38	13,677	13,677	-3.98	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
39	13,696	13,696	-3.99	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
40	13,931	13,931	-4.22	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
41	13,084	13,084	-3.38	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
42	13,537	13,538	-3.84	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
43	13,268	13,269	-3.57	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
44	13,259	13,259	-3.56	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
45	12,818	12,818	-3.10	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
46	12,509	12,509	-2.77	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
47	12,864	12,864	-3.15	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
48	12,823	12,823	-3.10	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
49	12,924	12,924	-3.21	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
50	11,973	11,973	-2.17	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
51	12,141	12,141	-2.36	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
52	12,263	12,263	-2.50	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
53	12,985	12,985	-3.27	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
54	12,988	12,988	-3.28	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
55	12,915	12,915	-3.20	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
56	12,518	12,518	-2.78	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
57	12,487	12,487	-2.74	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
58	12,200	12,200	-2.42	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
59	11,569	11,569	-1.70	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
60	11,508	11,508	-1.63	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
61	11,699	11,699	-1.85	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
62	11,056	11,056	-1.08	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
63	10,981	10,982	-0.98	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
64	11,338	11,338	-1.42	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
65	11,590	11,590	-1.72	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
66	11,919	11,919	-2.11	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
67	10,257	10,258	-0.04	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
68	10,116	10,117	0.15	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
69	10,057	10,058	0.23	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	10,030	10,030	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
71	9,834	9,834	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
72	9,324	9,325	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
73	9,466	9,467	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
74	9,194	9,194	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
75	8,660	8,660	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
76	8,390	8,391	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
77	7,660	7,660	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
78	7,513	7,514	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
79	6,287	6,288	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
80	6,439	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
81	5,596	5,596	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
82	5,707	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
83	6,112	6,113	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
84	5,309	5,310	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
85	5,438	5,438	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
86	5,458	5,458	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
87	4,011	4,012	<b>13.03</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
88	4,932	4,933	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
89	4,323	4,324	<b>12.02</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
90	4,575	4,576	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
91	3,854	3,855	<b>13.57</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00
92	3,953	3,954	<b>13.23</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
93	4,876	4,877	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
94	3,716	3,717	<b>14.05</b>	105.0	0.00	82.40	-	-	0.00	0.00	-	0.00
95	3,607	3,608	<b>14.45</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
96	2,920	2,921	<b>17.17</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
97	2,439	2,440	<b>19.38</b>	105.0	0.00	78.75	-	-	0.00	0.00	-	0.00
98	3,022	3,023	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
99	3,281	3,282	<b>15.69</b>	105.0	0.00	81.32	-	-	0.00	0.00	-	0.00
100	2,491	2,493	<b>19.12</b>	105.0	0.00	78.93	-	-	0.00	0.00	-	0.00

Sum 27.54

- Data undefined due to calculation with octave data

### Noise sensitive area: H052 H052

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	21,055	21,055	<b>-9.71</b>	105.0	0.00	97.47	-	-	0.00	0.00	-	0.00
2	21,171	21,171	<b>-9.78</b>	105.0	0.00	97.51	-	-	0.00	0.00	-	0.00
3	20,706	20,706	<b>-9.49</b>	105.0	0.00	97.32	-	-	0.00	0.00	-	0.00
4	20,022	20,022	<b>-9.05</b>	105.0	0.00	97.03	-	-	0.00	0.00	-	0.00
5	19,751	19,751	<b>-8.87</b>	105.0	0.00	96.91	-	-	0.00	0.00	-	0.00
6	19,901	19,901	<b>-8.97</b>	105.0	0.00	96.98	-	-	0.00	0.00	-	0.00
7	19,725	19,725	<b>-8.85</b>	105.0	0.00	96.90	-	-	0.00	0.00	-	0.00
8	19,638	19,638	<b>-8.79</b>	105.0	0.00	96.86	-	-	0.00	0.00	-	0.00
9	19,052	19,052	<b>-8.39</b>	105.0	0.00	96.60	-	-	0.00	0.00	-	0.00
10	19,051	19,051	<b>-8.39</b>	105.0	0.00	96.60	-	-	0.00	0.00	-	0.00
11	18,990	18,990	<b>-8.35</b>	105.0	0.00	96.57	-	-	0.00	0.00	-	0.00
12	18,191	18,191	<b>-7.78</b>	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
13	18,326	18,326	<b>-7.88</b>	105.0	0.00	96.26	-	-	0.00	0.00	-	0.00
14	18,689	18,689	<b>-8.14</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
15	17,637	17,637	<b>-7.37</b>	105.0	0.00	95.93	-	-	0.00	0.00	-	0.00
16	17,587	17,587	<b>-7.33</b>	105.0	0.00	95.90	-	-	0.00	0.00	-	0.00
17	17,275	17,275	<b>-7.10</b>	105.0	0.00	95.75	-	-	0.00	0.00	-	0.00
18	16,994	16,994	<b>-6.88</b>	105.0	0.00	95.61	-	-	0.00	0.00	-	0.00
19	16,618	16,619	<b>-6.58</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
20	16,314	16,314	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	16,335	16,335		-6.35	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
22	16,836	16,837		-6.76	105.0	0.00	95.53	-	-	0.00	0.00	-	0.00
23	16,129	16,129		-6.19	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
24	15,795	15,795		-5.91	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00
25	15,177	15,177		-5.37	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
26	15,499	15,499		-5.65	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
27	15,011	15,011		-5.23	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
28	14,403	14,403		-4.67	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
29	14,924	14,924		-5.15	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
30	14,688	14,688		-4.93	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
31	14,548	14,548		-4.81	105.0	0.00	94.26	-	-	0.00	0.00	-	0.00
32	14,241	14,241		-4.52	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
33	14,108	14,108		-4.39	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
34	13,673	13,673		-3.97	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
35	15,224	15,225		-5.41	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
36	14,942	14,942		-5.16	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
37	14,624	14,625		-4.88	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
38	14,392	14,392		-4.66	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
39	14,363	14,363		-4.63	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
40	14,540	14,541		-4.80	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
41	13,684	13,684		-3.98	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
42	14,060	14,060		-4.35	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
43	13,749	13,749		-4.05	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
44	13,828	13,829		-4.12	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
45	13,364	13,364		-3.66	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
46	13,089	13,090		-3.38	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
47	13,300	13,300		-3.60	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
48	13,222	13,222		-3.52	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
49	13,292	13,292		-3.59	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
50	12,372	12,372		-2.62	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
51	12,513	12,513		-2.77	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
52	12,606	12,606		-2.87	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
53	13,288	13,288		-3.59	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
54	13,179	13,179		-3.47	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
55	13,690	13,690		-3.99	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
56	13,282	13,283		-3.58	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
57	13,223	13,224		-3.52	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
58	12,910	12,910		-3.19	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
59	12,177	12,177		-2.40	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
60	12,090	12,090		-2.30	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
61	12,219	12,219		-2.45	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
62	11,624	11,625		-1.76	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
63	11,520	11,520		-1.64	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
64	11,808	11,808		-1.98	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
65	12,030	12,030		-2.23	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
66	12,711	12,712		-2.98	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
67	10,964	10,964		-0.96	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
68	10,846	10,846		-0.81	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
69	10,734	10,735		-0.67	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
70	10,677	10,678		-0.60	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
71	10,440	10,440		-0.29	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
72	9,912	9,913		0.43	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
73	10,156	10,156		0.10	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
74	10,011	10,011		0.30	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
75	9,457	9,457		1.09	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
76	9,164	9,164		1.52	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
77	8,252	8,253		2.99	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
78	8,279	8,280		2.94	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
79	6,946	6,946		5.41	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
81	6,037	6,038	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
82	6,091	6,091	<b>7.26</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
83	6,271	6,272	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
84	5,432	5,433	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
85	5,495	5,495	<b>8.70</b>	105.0	0.00	85.80	-	-	0.00	0.00	-	0.00
86	5,439	5,440	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
87	4,701	4,702	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
88	5,426	5,426	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
89	4,761	4,761	<b>10.69</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
90	4,922	4,923	<b>10.23</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
91	4,241	4,242	<b>12.28</b>	105.0	0.00	83.55	-	-	0.00	0.00	-	0.00
92	4,245	4,246	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
93	5,057	5,058	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
94	4,629	4,629	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
95	4,463	4,464	<b>11.58</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
96	3,771	3,772	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
97	2,852	2,853	<b>17.47</b>	105.0	0.00	80.11	-	-	0.00	0.00	-	0.00
98	3,331	3,332	<b>15.49</b>	105.0	0.00	81.45	-	-	0.00	0.00	-	0.00
99	3,448	3,449	<b>15.04</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
100	2,667	2,668	<b>18.30</b>	105.0	0.00	79.52	-	-	0.00	0.00	-	0.00

Sum 26.12

- Data undefined due to calculation with octave data

## Noise sensitive area: H053 H053

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	21,786	21,786	<b>-10.16</b>	105.0	0.00	97.76	-	-	0.00	0.00	-	0.00
2	21,848	21,848	<b>-10.19</b>	105.0	0.00	97.79	-	-	0.00	0.00	-	0.00
3	21,370	21,370	<b>-9.90</b>	105.0	0.00	97.60	-	-	0.00	0.00	-	0.00
4	20,838	20,838	<b>-9.57</b>	105.0	0.00	97.38	-	-	0.00	0.00	-	0.00
5	20,534	20,534	<b>-9.38</b>	105.0	0.00	97.25	-	-	0.00	0.00	-	0.00
6	20,582	20,582	<b>-9.41</b>	105.0	0.00	97.27	-	-	0.00	0.00	-	0.00
7	20,362	20,362	<b>-9.27</b>	105.0	0.00	97.18	-	-	0.00	0.00	-	0.00
8	20,208	20,208	<b>-9.17</b>	105.0	0.00	97.11	-	-	0.00	0.00	-	0.00
9	19,696	19,696	<b>-8.83</b>	105.0	0.00	96.89	-	-	0.00	0.00	-	0.00
10	19,660	19,660	<b>-8.81</b>	105.0	0.00	96.87	-	-	0.00	0.00	-	0.00
11	19,427	19,427	<b>-8.65</b>	105.0	0.00	96.77	-	-	0.00	0.00	-	0.00
12	18,706	18,706	<b>-8.15</b>	105.0	0.00	96.44	-	-	0.00	0.00	-	0.00
13	18,767	18,767	<b>-8.19</b>	105.0	0.00	96.47	-	-	0.00	0.00	-	0.00
14	19,041	19,041	<b>-8.38</b>	105.0	0.00	96.59	-	-	0.00	0.00	-	0.00
15	17,990	17,990	<b>-7.63</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
16	18,150	18,150	<b>-7.75</b>	105.0	0.00	96.18	-	-	0.00	0.00	-	0.00
17	17,683	17,683	<b>-7.41</b>	105.0	0.00	95.95	-	-	0.00	0.00	-	0.00
18	17,320	17,320	<b>-7.13</b>	105.0	0.00	95.77	-	-	0.00	0.00	-	0.00
19	17,070	17,070	<b>-6.94</b>	105.0	0.00	95.64	-	-	0.00	0.00	-	0.00
20	16,574	16,574	<b>-6.55</b>	105.0	0.00	95.39	-	-	0.00	0.00	-	0.00
21	16,558	16,558	<b>-6.53</b>	105.0	0.00	95.38	-	-	0.00	0.00	-	0.00
22	17,624	17,624	<b>-7.36</b>	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00
23	16,979	16,979	<b>-6.87</b>	105.0	0.00	95.60	-	-	0.00	0.00	-	0.00
24	16,394	16,394	<b>-6.40</b>	105.0	0.00	95.29	-	-	0.00	0.00	-	0.00
25	15,756	15,756	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
26	16,012	16,012	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
27	15,448	15,448	<b>-5.61</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
28	14,845	14,845	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
29	15,245	15,245	<b>-5.43</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
30	14,950	14,950	<b>-5.17</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG			95% rated power									
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	14,743	14,743	<b>-4.98</b>	105.0	0.00	94.37	-	-	0.00	0.00	-	0.00
32	14,564	14,564	<b>-4.82</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
33	14,147	14,147	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
34	13,640	13,640	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
35	16,116	16,116	<b>-6.17</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
36	15,785	15,785	<b>-5.90</b>	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00
37	15,563	15,563	<b>-5.71</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
38	15,293	15,293	<b>-5.48</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
39	15,165	15,165	<b>-5.36</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
40	15,223	15,224	<b>-5.41</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
41	14,358	14,358	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
42	14,575	14,575	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
43	14,186	14,186	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
44	14,440	14,440	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
45	13,936	13,936	<b>-4.23</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
46	13,733	13,733	<b>-4.03</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
47	13,660	13,660	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
48	13,511	13,511	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
49	13,521	13,522	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
50	12,677	12,677	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
51	12,763	12,763	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
52	12,798	12,798	<b>-3.08</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
53	13,393	13,393	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
54	13,076	13,076	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
55	14,724	14,724	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
56	14,299	14,299	<b>-4.57</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
57	14,183	14,183	<b>-4.46</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
58	13,819	13,819	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
59	12,890	12,890	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
60	12,752	12,752	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
61	12,759	12,759	<b>-3.03</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
62	12,269	12,269	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
63	12,108	12,109	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
64	12,258	12,259	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
65	12,418	12,418	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
66	13,795	13,795	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
67	11,895	11,895	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
68	11,824	11,824	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
69	11,610	11,610	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
70	11,495	11,496	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
71	11,182	11,183	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
72	10,632	10,632	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
73	11,067	11,067	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
74	11,182	11,182	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
75	10,597	10,598	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
76	10,264	10,265	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
77	9,028	9,028	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
78	9,385	9,386	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
79	7,895	7,895	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
80	7,299	7,300	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
81	6,648	6,648	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
82	6,596	6,596	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
83	6,362	6,362	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
84	5,531	5,531	<b>8.61</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
85	5,467	5,467	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
86	5,277	5,278	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
87	5,833	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
88	6,172	6,173	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
89	5,473	5,473	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	5,466	5,466	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
91	4,931	4,932	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
92	4,779	4,780	<b>10.64</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
93	5,299	5,299	<b>9.21</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
94	6,137	6,137	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
95	5,883	5,884	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
96	5,229	5,230	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
97	3,826	3,827	<b>13.66</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
98	4,049	4,050	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
99	3,918	3,919	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
100	3,355	3,356	<b>15.40</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00

Sum 23.93

- Data undefined due to calculation with octave data

### Noise sensitive area: H080 H080

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	20,593	20,593	<b>-9.42</b>	105.0	0.00	97.27	-	-	0.00	0.00	-	0.00
2	20,624	20,624	<b>-9.44</b>	105.0	0.00	97.29	-	-	0.00	0.00	-	0.00
3	20,140	20,140	<b>-9.12</b>	105.0	0.00	97.08	-	-	0.00	0.00	-	0.00
4	19,700	19,700	<b>-8.83</b>	105.0	0.00	96.89	-	-	0.00	0.00	-	0.00
5	19,377	19,377	<b>-8.62</b>	105.0	0.00	96.75	-	-	0.00	0.00	-	0.00
6	19,364	19,364	<b>-8.61</b>	105.0	0.00	96.74	-	-	0.00	0.00	-	0.00
7	19,120	19,120	<b>-8.44</b>	105.0	0.00	96.63	-	-	0.00	0.00	-	0.00
8	18,931	18,931	<b>-8.31</b>	105.0	0.00	96.54	-	-	0.00	0.00	-	0.00
9	18,461	18,461	<b>-7.98</b>	105.0	0.00	96.33	-	-	0.00	0.00	-	0.00
10	18,407	18,407	<b>-7.94</b>	105.0	0.00	96.30	-	-	0.00	0.00	-	0.00
11	18,088	18,088	<b>-7.71</b>	105.0	0.00	96.15	-	-	0.00	0.00	-	0.00
12	17,408	17,408	<b>-7.20</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00
13	17,431	17,431	<b>-7.22</b>	105.0	0.00	95.83	-	-	0.00	0.00	-	0.00
14	17,665	17,665	<b>-7.39</b>	105.0	0.00	95.94	-	-	0.00	0.00	-	0.00
15	16,617	16,617	<b>-6.58</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
16	16,879	16,879	<b>-6.79</b>	105.0	0.00	95.55	-	-	0.00	0.00	-	0.00
17	16,337	16,337	<b>-6.36</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
18	15,938	15,938	<b>-6.03</b>	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
19	15,747	15,747	<b>-5.87</b>	105.0	0.00	94.94	-	-	0.00	0.00	-	0.00
20	15,168	15,169	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
21	15,137	15,137	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
22	16,483	16,483	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
23	15,882	15,883	<b>-5.98</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00
24	15,151	15,151	<b>-5.35</b>	105.0	0.00	94.61	-	-	0.00	0.00	-	0.00
25	14,506	14,506	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
26	14,725	14,725	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
27	14,127	14,127	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
28	13,529	13,529	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
29	13,871	13,871	<b>-4.17</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
30	13,553	13,553	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
31	13,319	13,319	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
32	13,194	13,194	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
33	12,670	12,670	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
34	12,142	12,142	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
35	15,054	15,054	<b>-5.26</b>	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
36	14,693	14,693	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
37	14,537	14,537	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
38	14,244	14,244	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
39	14,050	14,051	<b>-4.34</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
40	14,035	14,035	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00

To be continued on next page...

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
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+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	13,171	13,171	-3.47	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
42	13,299	13,299	-3.60	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
43	12,873	12,873	-3.16	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
44	13,217	13,217	-3.51	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
45	12,695	12,695	-2.97	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
46	12,534	12,535	-2.79	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
47	12,313	12,313	-2.55	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
48	12,134	12,134	-2.35	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
49	12,118	12,118	-2.33	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
50	11,313	11,313	-1.39	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
51	11,374	11,374	-1.47	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
52	11,384	11,384	-1.48	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
53	11,942	11,942	-2.13	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
54	11,560	11,560	-1.69	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
55	13,776	13,776	-4.07	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
56	13,343	13,343	-3.64	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
57	13,185	13,185	-3.48	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
58	12,788	12,788	-3.07	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
59	11,740	11,740	-1.90	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
60	11,574	11,574	-1.70	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
61	11,510	11,510	-1.63	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
62	11,086	11,086	-1.11	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
63	10,894	10,894	-0.87	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
64	10,968	10,968	-0.97	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
65	11,095	11,095	-1.12	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
66	12,895	12,895	-3.18	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
67	10,904	10,904	-0.89	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
68	10,869	10,869	-0.84	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
69	10,584	10,584	-0.48	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
70	10,432	10,432	-0.27	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
71	10,074	10,074	0.21	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
72	9,517	9,518	1.00	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
73	10,075	10,075	0.21	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
74	10,392	10,393	-0.22	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
75	9,793	9,793	0.60	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
76	9,433	9,433	1.12	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
77	7,984	7,984	3.45	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
78	8,580	8,580	2.44	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
79	7,011	7,011	5.28	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
80	6,113	6,113	7.21	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
81	5,577	5,577	8.50	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
82	5,459	5,460	8.79	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
83	5,003	5,003	10.01	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
84	4,212	4,212	12.37	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
85	4,087	4,088	12.78	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
86	3,844	3,845	13.60	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
87	5,210	5,211	9.44	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
88	5,221	5,222	9.41	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
89	4,547	4,547	11.33	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
90	4,422	4,422	11.71	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
91	4,040	4,041	12.94	105.0	0.00	83.13	-	-	0.00	0.00	-	0.00
92	3,791	3,791	13.79	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
93	4,074	4,075	12.82	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
94	5,854	5,855	7.81	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
95	5,527	5,528	8.62	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
96	4,966	4,967	10.11	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
97	3,324	3,325	15.52	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
98	3,299	3,300	15.62	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00
99	3,002	3,003	16.82	105.0	0.00	80.55	-	-	0.00	0.00	-	0.00
100	2,734	2,735	17.99	105.0	0.00	79.74	-	-	0.00	0.00	-	0.00

Sum 26.52

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H081 H081

WTG	No.	Distance [m]	Sound distance [m]	95% rated power							A	Cmet	
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]			Amisc [dB]
	1	21,026	21,026	-9.69	105.0	0.00	97.46	-	-	0.00	0.00	-	0.00
	2	21,060	21,060	-9.71	105.0	0.00	97.47	-	-	0.00	0.00	-	0.00
	3	20,577	20,577	-9.41	105.0	0.00	97.27	-	-	0.00	0.00	-	0.00
	4	20,126	20,126	-9.11	105.0	0.00	97.08	-	-	0.00	0.00	-	0.00
	5	19,806	19,806	-8.90	105.0	0.00	96.94	-	-	0.00	0.00	-	0.00
	6	19,800	19,800	-8.90	105.0	0.00	96.93	-	-	0.00	0.00	-	0.00
	7	19,558	19,558	-8.74	105.0	0.00	96.83	-	-	0.00	0.00	-	0.00
	8	19,372	19,372	-8.61	105.0	0.00	96.74	-	-	0.00	0.00	-	0.00
	9	18,898	18,898	-8.28	105.0	0.00	96.53	-	-	0.00	0.00	-	0.00
	10	18,846	18,846	-8.25	105.0	0.00	96.50	-	-	0.00	0.00	-	0.00
	11	18,534	18,534	-8.03	105.0	0.00	96.36	-	-	0.00	0.00	-	0.00
	12	17,851	17,851	-7.53	105.0	0.00	96.03	-	-	0.00	0.00	-	0.00
	13	17,877	17,877	-7.55	105.0	0.00	96.05	-	-	0.00	0.00	-	0.00
	14	18,113	18,113	-7.72	105.0	0.00	96.16	-	-	0.00	0.00	-	0.00
	15	17,065	17,065	-6.93	105.0	0.00	95.64	-	-	0.00	0.00	-	0.00
	16	17,319	17,319	-7.13	105.0	0.00	95.77	-	-	0.00	0.00	-	0.00
	17	16,783	16,783	-6.71	105.0	0.00	95.50	-	-	0.00	0.00	-	0.00
	18	16,386	16,387	-6.40	105.0	0.00	95.29	-	-	0.00	0.00	-	0.00
	19	16,192	16,192	-6.24	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
	20	15,617	15,618	-5.76	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
	21	15,586	15,586	-5.73	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
	22	16,909	16,909	-6.81	105.0	0.00	95.56	-	-	0.00	0.00	-	0.00
	23	16,302	16,302	-6.33	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
	24	15,588	15,588	-5.73	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
	25	14,944	14,944	-5.17	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
	26	15,167	15,167	-5.36	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
	27	14,571	14,571	-4.83	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
	28	13,973	13,973	-4.26	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
	29	14,319	14,319	-4.59	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
	30	14,001	14,001	-4.29	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
	31	13,768	13,768	-4.06	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
	32	13,641	13,641	-3.94	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
	33	13,119	13,119	-3.41	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
	34	12,589	12,589	-2.85	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
	35	15,469	15,469	-5.63	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
	36	15,112	15,112	-5.32	105.0	0.00	94.59	-	-	0.00	0.00	-	0.00
	37	14,946	14,946	-5.17	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
	38	14,656	14,656	-4.91	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
	39	14,472	14,472	-4.74	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
	40	14,466	14,467	-4.73	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
	41	13,602	13,602	-3.90	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
	42	13,739	13,739	-4.04	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
	43	13,317	13,317	-3.61	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
	44	13,652	13,652	-3.95	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
	45	13,131	13,132	-3.42	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
	46	12,966	12,966	-3.25	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
	47	12,759	12,759	-3.03	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
	48	12,581	12,581	-2.84	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
	49	12,567	12,567	-2.83	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
	50	11,760	11,760	-1.92	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
	51	11,822	11,822	-2.00	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
	52	11,833	11,833	-2.01	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
	53	12,391	12,391	-2.64	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
	54	12,005	12,005	-2.21	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
	55	14,172	14,172	-4.45	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
	56	13,740	13,740	-4.04	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
	57	13,588	13,588	-3.89	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
	58	13,197	13,197	-3.49	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
	59	12,165	12,166	-2.39	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	12,003	12,003	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
61	11,947	11,948	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
62	11,515	11,515	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
63	11,327	11,327	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
64	11,409	11,409	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
65	11,539	11,539	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
66	13,281	13,282	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
67	11,304	11,305	<b>-1.38</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
68	11,264	11,264	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
69	10,990	10,991	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
70	10,844	10,844	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
71	10,492	10,493	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
72	9,937	9,937	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
73	10,475	10,476	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
74	10,756	10,757	<b>-0.70</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
75	10,159	10,159	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
76	9,804	9,804	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
77	8,390	8,391	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
78	8,944	8,945	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
79	7,387	7,387	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
80	6,538	6,539	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
81	5,983	5,984	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
82	5,876	5,877	<b>7.76</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
83	5,447	5,448	<b>8.82</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
84	4,651	4,652	<b>11.01</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
85	4,532	4,533	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
86	4,293	4,293	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
87	5,524	5,525	<b>8.63</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
88	5,605	5,605	<b>8.43</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
89	4,922	4,922	<b>10.23</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
90	4,819	4,820	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
91	4,405	4,405	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
92	4,174	4,174	<b>12.49</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
93	4,500	4,501	<b>11.47</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
94	6,093	6,093	<b>7.26</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
95	5,781	5,782	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
96	5,192	5,193	<b>9.49</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
97	3,590	3,591	<b>14.51</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
98	3,625	3,626	<b>14.38</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
99	3,362	3,363	<b>15.37</b>	105.0	0.00	81.53	-	-	0.00	0.00	-	0.00
100	3,018	3,019	<b>16.76</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00

Sum 25.39

- Data undefined due to calculation with octave data

### Noise sensitive area: H082 H082

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,473	19,473	<b>-8.68</b>	105.0	0.00	96.79	-	-	0.00	0.00	-	0.00
2	19,559	19,559	<b>-8.74</b>	105.0	0.00	96.83	-	-	0.00	0.00	-	0.00
3	19,086	19,086	<b>-8.42</b>	105.0	0.00	96.61	-	-	0.00	0.00	-	0.00
4	18,490	18,490	<b>-8.00</b>	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
5	18,199	18,199	<b>-7.79</b>	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
6	18,290	18,290	<b>-7.85</b>	105.0	0.00	96.24	-	-	0.00	0.00	-	0.00
7	18,090	18,090	<b>-7.71</b>	105.0	0.00	96.15	-	-	0.00	0.00	-	0.00
8	17,970	17,970	<b>-7.62</b>	105.0	0.00	96.09	-	-	0.00	0.00	-	0.00
9	17,420	17,420	<b>-7.21</b>	105.0	0.00	95.82	-	-	0.00	0.00	-	0.00
10	17,401	17,401	<b>-7.19</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	17,263	17,263	<b>-7.09</b>	105.0	0.00	95.74	-	-	0.00	0.00	-	0.00
12	16,496	16,496	<b>-6.48</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
13	16,599	16,599	<b>-6.57</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
14	16,930	16,930	<b>-6.83</b>	105.0	0.00	95.57	-	-	0.00	0.00	-	0.00
15	15,877	15,877	<b>-5.98</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00
16	15,913	15,913	<b>-6.01</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
17	15,534	15,534	<b>-5.68</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00
18	15,223	15,223	<b>-5.41</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
19	14,894	14,894	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
20	14,522	14,522	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
21	14,532	14,532	<b>-4.79</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
22	15,283	15,283	<b>-5.47</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
23	14,615	14,615	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
24	14,135	14,136	<b>-4.42</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
25	13,507	13,507	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
26	13,799	13,799	<b>-4.09</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
27	13,278	13,278	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
28	12,670	12,670	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
29	13,149	13,149	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
30	12,894	12,894	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
31	12,735	12,735	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
32	12,465	12,465	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
33	12,261	12,261	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
34	11,815	11,815	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
35	13,738	13,738	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
36	13,422	13,422	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
37	13,170	13,170	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
38	12,911	12,911	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
39	12,815	12,815	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
40	12,923	12,923	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
41	12,059	12,059	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
42	12,357	12,358	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
43	12,013	12,013	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
44	12,171	12,172	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
45	11,686	11,686	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
46	11,447	11,447	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
47	11,534	11,535	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
48	11,433	11,433	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
49	11,486	11,486	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
50	10,586	10,586	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
51	10,711	10,711	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
52	10,788	10,788	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
53	11,452	11,452	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
54	11,313	11,313	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
55	12,309	12,309	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
56	11,887	11,887	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
57	11,783	11,783	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
58	11,432	11,432	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
59	10,570	10,571	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
60	10,455	10,455	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
61	10,523	10,523	<b>-0.40</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
62	9,979	9,979	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
63	9,845	9,845	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
64	10,072	10,072	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
65	10,271	10,271	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
66	11,371	11,371	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
67	9,498	9,498	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
68	9,416	9,416	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
69	9,228	9,228	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	9,131	9,132	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
71	8,846	8,846	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
72	8,303	8,303	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
73	8,673	8,674	<b>2.29</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
74	8,750	8,750	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
75	8,166	8,166	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
76	7,835	7,836	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
77	6,669	6,670	<b>5.98</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
78	6,955	6,955	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
79	5,481	5,482	<b>8.74</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
80	5,075	5,075	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
81	4,341	4,341	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
82	4,344	4,344	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
83	4,410	4,410	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
84	3,567	3,568	<b>14.60</b>	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00
85	3,622	3,622	<b>14.39</b>	105.0	0.00	82.18	-	-	0.00	0.00	-	0.00
86	3,571	3,572	<b>14.58</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
87	3,403	3,404	<b>15.21</b>	105.0	0.00	81.64	-	-	0.00	0.00	-	0.00
88	3,802	3,803	<b>13.75</b>	105.0	0.00	82.60	-	-	0.00	0.00	-	0.00
89	3,105	3,106	<b>16.39</b>	105.0	0.00	80.84	-	-	0.00	0.00	-	0.00
90	3,177	3,177	<b>16.10</b>	105.0	0.00	81.04	-	-	0.00	0.00	-	0.00
91	2,563	2,564	<b>18.78</b>	105.0	0.00	79.18	-	-	0.00	0.00	-	0.00
92	2,481	2,482	<b>19.17</b>	105.0	0.00	78.90	-	-	0.00	0.00	-	0.00
93	3,211	3,212	<b>15.97</b>	105.0	0.00	81.13	-	-	0.00	0.00	-	0.00
94	3,837	3,838	<b>13.63</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
95	3,539	3,540	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
96	2,933	2,935	<b>17.12</b>	105.0	0.00	80.35	-	-	0.00	0.00	-	0.00
97	1,399	1,402	<b>26.52</b>	105.0	0.00	73.93	-	-	0.00	0.00	-	0.00
98	1,650	1,651	<b>24.48</b>	105.0	0.00	75.36	-	-	0.00	0.00	-	0.00
99	1,635	1,636	<b>24.60</b>	105.0	0.00	75.28	-	-	0.00	0.00	-	0.00
100	941	944	<b>31.22</b>	105.0	0.00	70.50	-	-	0.00	0.00	-	0.00

Sum 34.76

- Data undefined due to calculation with octave data

### Noise sensitive area: H083 H083

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	20,793	20,793	<b>-9.54</b>	105.0	0.00	97.36	-	-	0.00	0.00	-	0.00
2	20,898	20,898	<b>-9.61</b>	105.0	0.00	97.40	-	-	0.00	0.00	-	0.00
3	20,431	20,431	<b>-9.31</b>	105.0	0.00	97.21	-	-	0.00	0.00	-	0.00
4	19,777	19,777	<b>-8.88</b>	105.0	0.00	96.92	-	-	0.00	0.00	-	0.00
5	19,499	19,499	<b>-8.70</b>	105.0	0.00	96.80	-	-	0.00	0.00	-	0.00
6	19,628	19,629	<b>-8.78</b>	105.0	0.00	96.86	-	-	0.00	0.00	-	0.00
7	19,444	19,444	<b>-8.66</b>	105.0	0.00	96.78	-	-	0.00	0.00	-	0.00
8	19,345	19,345	<b>-8.59</b>	105.0	0.00	96.73	-	-	0.00	0.00	-	0.00
9	18,772	18,772	<b>-8.20</b>	105.0	0.00	96.47	-	-	0.00	0.00	-	0.00
10	18,764	18,764	<b>-8.19</b>	105.0	0.00	96.47	-	-	0.00	0.00	-	0.00
11	18,673	18,673	<b>-8.13</b>	105.0	0.00	96.42	-	-	0.00	0.00	-	0.00
12	17,887	17,887	<b>-7.56</b>	105.0	0.00	96.05	-	-	0.00	0.00	-	0.00
13	18,009	18,009	<b>-7.65</b>	105.0	0.00	96.11	-	-	0.00	0.00	-	0.00
14	18,359	18,359	<b>-7.90</b>	105.0	0.00	96.28	-	-	0.00	0.00	-	0.00
15	17,306	17,306	<b>-7.12</b>	105.0	0.00	95.76	-	-	0.00	0.00	-	0.00
16	17,291	17,291	<b>-7.11</b>	105.0	0.00	95.76	-	-	0.00	0.00	-	0.00
17	16,952	16,952	<b>-6.85</b>	105.0	0.00	95.58	-	-	0.00	0.00	-	0.00
18	16,658	16,658	<b>-6.61</b>	105.0	0.00	95.43	-	-	0.00	0.00	-	0.00
19	16,302	16,302	<b>-6.33</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
20	15,968	15,968	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	15,984	15,984	<b>-6.06</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
22	16,583	16,583	<b>-6.55</b>	105.0	0.00	95.39	-	-	0.00	0.00	-	0.00
23	15,888	15,888	<b>-5.98</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00
24	15,504	15,504	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
25	14,882	14,882	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
26	15,192	15,192	<b>-5.39</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
27	14,691	14,691	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
28	14,082	14,083	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
29	14,586	14,586	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
30	14,341	14,341	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
31	14,191	14,191	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
32	13,902	13,902	<b>-4.20</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
33	13,730	13,730	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
34	13,287	13,287	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
35	14,991	14,992	<b>-5.21</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
36	14,698	14,698	<b>-4.94</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
37	14,401	14,401	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
38	14,160	14,160	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
39	14,109	14,110	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
40	14,263	14,264	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
41	13,404	13,404	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
42	13,752	13,752	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
43	13,427	13,427	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
44	13,537	13,537	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
45	13,065	13,065	<b>-3.36</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
46	12,803	12,803	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
47	12,966	12,966	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
48	12,877	12,877	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
49	12,938	12,939	<b>-3.22</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
50	12,028	12,028	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
51	12,161	12,161	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
52	12,246	12,246	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
53	12,918	12,918	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
54	12,785	12,785	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
55	13,488	13,488	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
56	13,076	13,076	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
57	13,003	13,003	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
58	12,678	12,678	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
59	11,902	11,903	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
60	11,805	11,805	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
61	11,912	11,912	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
62	11,336	11,336	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
63	11,221	11,221	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
64	11,486	11,486	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
65	11,698	11,698	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
66	12,521	12,521	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
67	10,733	10,734	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
68	10,626	10,626	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
69	10,491	10,491	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
70	10,421	10,422	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
71	10,168	10,168	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
72	9,634	9,635	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
73	9,919	9,919	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
74	9,838	9,838	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
75	9,274	9,275	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
76	8,970	8,971	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
77	7,980	7,981	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
78	8,085	8,085	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
79	6,707	6,707	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	6,495	6,495	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
81	5,722	5,723	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
82	5,758	5,758	<b>8.05</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
83	5,882	5,883	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
84	5,039	5,040	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
85	5,089	5,089	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
86	5,021	5,022	<b>9.96</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
87	4,493	4,493	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
88	5,133	5,133	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
89	4,454	4,455	<b>11.61</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
90	4,587	4,588	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
91	3,925	3,925	<b>13.32</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
92	3,901	3,901	<b>13.41</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
93	4,678	4,679	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
94	4,544	4,545	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
95	4,344	4,345	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
96	3,659	3,660	<b>14.26</b>	105.0	0.00	82.27	-	-	0.00	0.00	-	0.00
97	2,572	2,573	<b>18.74</b>	105.0	0.00	79.21	-	-	0.00	0.00	-	0.00
98	3,005	3,006	<b>16.81</b>	105.0	0.00	80.56	-	-	0.00	0.00	-	0.00
99	3,082	3,083	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
100	2,319	2,320	<b>20.06</b>	105.0	0.00	78.31	-	-	0.00	0.00	-	0.00

Sum 27.22

- Data undefined due to calculation with octave data

### Noise sensitive area: H084 H084

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,978	19,978	<b>-9.02</b>	105.0	0.00	97.01	-	-	0.00	0.00	-	0.00
2	20,099	20,099	<b>-9.10</b>	105.0	0.00	97.06	-	-	0.00	0.00	-	0.00
3	19,636	19,636	<b>-8.79</b>	105.0	0.00	96.86	-	-	0.00	0.00	-	0.00
4	18,939	18,939	<b>-8.31</b>	105.0	0.00	96.55	-	-	0.00	0.00	-	0.00
5	18,670	18,670	<b>-8.12</b>	105.0	0.00	96.42	-	-	0.00	0.00	-	0.00
6	18,830	18,830	<b>-8.24</b>	105.0	0.00	96.50	-	-	0.00	0.00	-	0.00
7	18,659	18,659	<b>-8.12</b>	105.0	0.00	96.42	-	-	0.00	0.00	-	0.00
8	18,581	18,582	<b>-8.06</b>	105.0	0.00	96.38	-	-	0.00	0.00	-	0.00
9	17,985	17,986	<b>-7.63</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
10	17,989	17,989	<b>-7.63</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
11	17,955	17,955	<b>-7.61</b>	105.0	0.00	96.08	-	-	0.00	0.00	-	0.00
12	17,143	17,143	<b>-7.00</b>	105.0	0.00	95.68	-	-	0.00	0.00	-	0.00
13	17,291	17,291	<b>-7.11</b>	105.0	0.00	95.76	-	-	0.00	0.00	-	0.00
14	17,672	17,672	<b>-7.40</b>	105.0	0.00	95.95	-	-	0.00	0.00	-	0.00
15	16,621	16,621	<b>-6.59</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
16	16,533	16,533	<b>-6.51</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
17	16,248	16,248	<b>-6.28</b>	105.0	0.00	95.22	-	-	0.00	0.00	-	0.00
18	15,984	15,984	<b>-6.07</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
19	15,584	15,584	<b>-5.73</b>	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
20	15,321	15,321	<b>-5.50</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
21	15,351	15,351	<b>-5.53</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
22	15,756	15,756	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
23	15,045	15,045	<b>-5.26</b>	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
24	14,737	14,737	<b>-4.98</b>	105.0	0.00	94.37	-	-	0.00	0.00	-	0.00
25	14,123	14,123	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
26	14,456	14,456	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
27	13,982	13,982	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
28	13,374	13,374	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
29	13,920	13,920	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
30	13,698	13,698	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	13,575	13,575	<b>-3.87</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
32	13,238	13,238	<b>-3.53</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
33	13,180	13,180	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
34	12,770	12,770	<b>-3.05</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
35	14,138	14,138	<b>-4.42</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
36	13,858	13,858	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
37	13,536	13,536	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
38	13,306	13,306	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
39	13,283	13,283	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
40	13,473	13,473	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
41	12,618	12,618	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
42	13,018	13,018	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
43	12,722	12,722	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
44	12,771	12,772	<b>-3.05</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
45	12,314	12,314	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
46	12,029	12,029	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
47	12,292	12,292	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
48	12,230	12,230	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
49	12,315	12,315	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
50	11,379	11,379	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
51	11,533	11,533	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
52	11,641	11,641	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
53	12,345	12,345	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
54	12,301	12,301	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
55	12,600	12,600	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
56	12,193	12,193	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
57	12,135	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
58	11,824	11,824	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
59	11,109	11,109	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
60	11,028	11,028	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
61	11,177	11,177	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
62	10,566	10,567	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
63	10,471	10,471	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
64	10,784	10,785	<b>-0.73</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
65	11,019	11,019	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
66	11,622	11,623	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
67	9,878	9,878	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
68	9,757	9,758	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
69	9,652	9,652	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
70	9,600	9,600	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
71	9,371	9,371	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
72	8,848	8,848	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
73	9,071	9,071	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
74	8,924	8,925	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
75	8,368	8,369	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
76	8,075	8,075	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
77	7,185	7,185	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
78	7,190	7,190	<b>4.93</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
79	5,864	5,864	<b>7.79</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
80	5,832	5,832	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
81	5,015	5,016	<b>9.97</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
82	5,094	5,095	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
83	5,403	5,404	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
84	4,585	4,586	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
85	4,696	4,696	<b>10.88</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
86	4,699	4,699	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
87	3,613	3,613	<b>14.43</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
88	4,382	4,382	<b>11.83</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
89	3,735	3,735	<b>13.99</b>	105.0	0.00	82.45	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	3,938	3,939	<b>13.28</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
91	3,234	3,234	<b>15.88</b>	105.0	0.00	81.20	-	-	0.00	0.00	-	0.00
92	3,286	3,286	<b>15.67</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
93	4,169	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
94	3,584	3,585	<b>14.53</b>	105.0	0.00	82.09	-	-	0.00	0.00	-	0.00
95	3,395	3,396	<b>15.24</b>	105.0	0.00	81.62	-	-	0.00	0.00	-	0.00
96	2,706	2,708	<b>18.12</b>	105.0	0.00	79.65	-	-	0.00	0.00	-	0.00
97	1,817	1,819	<b>23.25</b>	105.0	0.00	76.20	-	-	0.00	0.00	-	0.00
98	2,353	2,354	<b>19.87</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
99	2,557	2,558	<b>18.81</b>	105.0	0.00	79.16	-	-	0.00	0.00	-	0.00
100	1,759	1,761	<b>23.67</b>	105.0	0.00	75.91	-	-	0.00	0.00	-	0.00

Sum 30.22

- Data undefined due to calculation with octave data

### Noise sensitive area: H085 H085

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,223	19,223	<b>-8.51</b>	105.0	0.00	96.68	-	-	0.00	0.00	-	0.00
2	19,335	19,335	<b>-8.59</b>	105.0	0.00	96.73	-	-	0.00	0.00	-	0.00
3	18,869	18,869	<b>-8.26</b>	105.0	0.00	96.52	-	-	0.00	0.00	-	0.00
4	18,199	18,199	<b>-7.79</b>	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
5	17,923	17,923	<b>-7.58</b>	105.0	0.00	96.07	-	-	0.00	0.00	-	0.00
6	18,065	18,065	<b>-7.69</b>	105.0	0.00	96.14	-	-	0.00	0.00	-	0.00
7	17,887	17,887	<b>-7.56</b>	105.0	0.00	96.05	-	-	0.00	0.00	-	0.00
8	17,800	17,800	<b>-7.49</b>	105.0	0.00	96.01	-	-	0.00	0.00	-	0.00
9	17,214	17,214	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
10	17,213	17,213	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
11	17,159	17,159	<b>-7.01</b>	105.0	0.00	95.69	-	-	0.00	0.00	-	0.00
12	16,355	16,355	<b>-6.37</b>	105.0	0.00	95.27	-	-	0.00	0.00	-	0.00
13	16,495	16,495	<b>-6.48</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
14	16,868	16,868	<b>-6.78</b>	105.0	0.00	95.54	-	-	0.00	0.00	-	0.00
15	15,818	15,818	<b>-5.93</b>	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
16	15,749	15,749	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
17	15,448	15,448	<b>-5.61</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
18	15,179	15,179	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
19	14,788	14,788	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
20	14,511	14,511	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
21	14,540	14,540	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
22	15,008	15,008	<b>-5.22</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
23	14,308	14,309	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
24	13,957	13,957	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
25	13,339	13,340	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
26	13,665	13,665	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
27	13,183	13,183	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
28	12,575	12,575	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
29	13,113	13,113	<b>-3.41</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
30	12,888	12,888	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
31	12,763	12,763	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
32	12,431	12,431	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
33	12,368	12,368	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
34	11,961	11,961	<b>-2.15</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
35	13,410	13,410	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
36	13,119	13,119	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
37	12,819	12,819	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
38	12,579	12,579	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
39	12,534	12,534	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
40	12,703	12,703	<b>-2.97</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00

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### DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	11,846	11,846	-2.02	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
42	12,225	12,226	-2.45	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
43	11,922	11,922	-2.11	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
44	11,990	11,990	-2.19	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
45	11,527	11,527	-1.65	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
46	11,251	11,251	-1.32	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
47	11,485	11,485	-1.60	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
48	11,420	11,420	-1.52	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
49	11,503	11,503	-1.62	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
50	10,570	10,570	-0.46	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
51	10,722	10,722	-0.65	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
52	10,828	10,828	-0.79	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
53	11,532	11,532	-1.66	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
54	11,496	11,496	-1.61	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
55	11,907	11,908	-2.09	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
56	11,494	11,495	-1.61	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
57	11,421	11,421	-1.52	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
58	11,096	11,096	-1.13	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
59	10,340	10,340	-0.15	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
60	10,251	10,252	-0.03	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
61	10,384	10,385	-0.21	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
62	9,786	9,786	0.61	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
63	9,683	9,683	0.76	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
64	9,983	9,983	0.33	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
65	10,213	10,213	0.02	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
66	10,943	10,943	-0.94	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
67	9,152	9,152	1.54	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
68	9,043	9,044	1.71	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
69	8,912	8,912	1.91	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
70	8,847	8,847	2.02	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
71	8,603	8,604	2.41	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
72	8,075	8,075	3.30	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
73	8,338	8,338	2.85	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
74	8,270	8,271	2.96	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
75	7,702	7,702	3.96	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
76	7,393	7,394	4.53	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
77	6,416	6,416	6.53	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
78	6,507	6,508	6.33	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
79	5,126	5,126	9.67	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
80	5,022	5,022	9.96	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
81	4,211	4,212	12.37	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
82	4,284	4,284	12.14	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
83	4,606	4,606	11.15	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
84	3,798	3,798	13.77	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
85	3,926	3,926	13.32	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
86	3,955	3,956	13.22	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
87	2,914	2,915	17.20	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
88	3,589	3,590	14.51	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
89	2,932	2,932	17.12	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
90	3,126	3,127	16.31	105.0	0.00	80.90	-	-	0.00	0.00	-	0.00
91	2,424	2,425	19.47	105.0	0.00	78.69	-	-	0.00	0.00	-	0.00
92	2,474	2,474	19.21	105.0	0.00	78.87	-	-	0.00	0.00	-	0.00
93	3,370	3,371	15.34	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
94	3,113	3,113	16.36	105.0	0.00	80.86	-	-	0.00	0.00	-	0.00
95	2,857	2,858	17.45	105.0	0.00	80.12	-	-	0.00	0.00	-	0.00
96	2,203	2,205	20.74	105.0	0.00	77.87	-	-	0.00	0.00	-	0.00
97	1,016	1,019	30.34	105.0	0.00	71.16	-	-	0.00	0.00	-	0.00
98	1,540	1,542	25.34	105.0	0.00	74.76	-	-	0.00	0.00	-	0.00
99	1,768	1,770	23.60	105.0	0.00	75.96	-	-	0.00	0.00	-	0.00
100	980	983	30.76	105.0	0.00	70.85	-	-	0.00	0.00	-	0.00

Sum 35.61



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H086 H086

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	18,890	18,890	<b>-8.28</b>	105.0	0.00	96.52	-	-	0.00	0.00	-	0.00
	2	19,031	19,031	<b>-8.38</b>	105.0	0.00	96.59	-	-	0.00	0.00	-	0.00
	3	18,574	18,574	<b>-8.06</b>	105.0	0.00	96.38	-	-	0.00	0.00	-	0.00
	4	17,823	17,823	<b>-7.51</b>	105.0	0.00	96.02	-	-	0.00	0.00	-	0.00
	5	17,566	17,566	<b>-7.32</b>	105.0	0.00	95.89	-	-	0.00	0.00	-	0.00
	6	17,763	17,764	<b>-7.47</b>	105.0	0.00	95.99	-	-	0.00	0.00	-	0.00
	7	17,611	17,611	<b>-7.35</b>	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00
	8	17,561	17,561	<b>-7.31</b>	105.0	0.00	95.89	-	-	0.00	0.00	-	0.00
	9	16,936	16,936	<b>-6.83</b>	105.0	0.00	95.58	-	-	0.00	0.00	-	0.00
	10	16,954	16,954	<b>-6.85</b>	105.0	0.00	95.59	-	-	0.00	0.00	-	0.00
	11	16,995	16,995	<b>-6.88</b>	105.0	0.00	95.61	-	-	0.00	0.00	-	0.00
	12	16,151	16,151	<b>-6.20</b>	105.0	0.00	95.16	-	-	0.00	0.00	-	0.00
	13	16,332	16,332	<b>-6.35</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
	14	16,752	16,752	<b>-6.69</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00
	15	15,707	15,707	<b>-5.83</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
	16	15,522	15,522	<b>-5.67</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
	17	15,309	15,309	<b>-5.49</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00
	18	15,086	15,086	<b>-5.29</b>	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
	19	14,628	14,628	<b>-4.88</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
	20	14,460	14,460	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
	21	14,510	14,510	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
	22	14,659	14,659	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
	23	13,926	13,927	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
	24	13,720	13,720	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
	25	13,118	13,118	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
	26	13,478	13,478	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
	27	13,043	13,043	<b>-3.33</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
	28	12,437	12,438	<b>-2.69</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
	29	13,040	13,040	<b>-3.33</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
	30	12,850	12,850	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
	31	12,764	12,764	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
	32	12,363	12,363	<b>-2.61</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
	33	12,459	12,459	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
	34	12,096	12,096	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
	35	13,008	13,008	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
	36	12,746	12,746	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
	37	12,392	12,392	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
	38	12,175	12,175	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
	39	12,189	12,189	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
	40	12,426	12,426	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
	41	11,580	11,580	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
	42	12,049	12,049	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
	43	11,793	11,794	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
	44	11,760	11,760	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
	45	11,324	11,324	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
	46	11,009	11,009	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
	47	11,406	11,406	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
	48	11,382	11,382	<b>-1.48</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
	49	11,499	11,499	<b>-1.62</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
	50	10,534	10,534	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
	51	10,716	10,716	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
	52	10,853	10,854	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
	53	11,597	11,597	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
	54	11,675	11,675	<b>-1.82</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
	55	11,429	11,429	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
	56	11,028	11,028	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
	57	10,989	10,989	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
	58	10,697	10,697	<b>-0.62</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
	59	10,065	10,065	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	10,008	10,008	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
61	10,213	10,213	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
62	9,558	9,559	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
63	9,491	9,491	<b>1.04</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
64	9,870	9,870	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
65	10,134	10,134	<b>0.13</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
66	10,439	10,439	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
67	8,753	8,754	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
68	8,616	8,616	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
69	8,550	8,551	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
70	8,523	8,523	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
71	8,330	8,331	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
72	7,825	7,825	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
73	7,960	7,960	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
74	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
75	7,180	7,181	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
76	6,901	6,902	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
77	6,161	6,161	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
78	6,021	6,021	<b>7.42</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
79	4,781	4,781	<b>10.64</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
80	5,035	5,035	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
81	4,171	4,171	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
82	4,318	4,318	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
83	4,902	4,902	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
84	4,162	4,163	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
85	4,356	4,357	<b>11.91</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
86	4,462	4,462	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
87	2,505	2,506	<b>19.06</b>	105.0	0.00	78.98	-	-	0.00	0.00	-	0.00
88	3,486	3,487	<b>14.90</b>	105.0	0.00	81.85	-	-	0.00	0.00	-	0.00
89	2,927	2,928	<b>17.14</b>	105.0	0.00	80.33	-	-	0.00	0.00	-	0.00
90	3,243	3,244	<b>15.84</b>	105.0	0.00	81.22	-	-	0.00	0.00	-	0.00
91	2,519	2,519	<b>18.99</b>	105.0	0.00	79.03	-	-	0.00	0.00	-	0.00
92	2,704	2,704	<b>18.13</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
93	3,688	3,689	<b>14.15</b>	105.0	0.00	82.34	-	-	0.00	0.00	-	0.00
94	2,336	2,337	<b>19.96</b>	105.0	0.00	78.37	-	-	0.00	0.00	-	0.00
95	2,159	2,161	<b>21.01</b>	105.0	0.00	77.69	-	-	0.00	0.00	-	0.00
96	1,467	1,469	<b>25.94</b>	105.0	0.00	74.34	-	-	0.00	0.00	-	0.00
97	1,233	1,235	<b>28.05</b>	105.0	0.00	72.84	-	-	0.00	0.00	-	0.00
98	1,844	1,845	<b>23.07</b>	105.0	0.00	76.32	-	-	0.00	0.00	-	0.00
99	2,242	2,243	<b>20.51</b>	105.0	0.00	78.02	-	-	0.00	0.00	-	0.00
100	1,609	1,611	<b>24.79</b>	105.0	0.00	75.14	-	-	0.00	0.00	-	0.00

Sum 33.85

- Data undefined due to calculation with octave data

### Noise sensitive area: H087 H087

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,511	19,511	<b>-8.71</b>	105.0	0.00	96.81	-	-	0.00	0.00	-	0.00
2	19,669	19,669	<b>-8.81</b>	105.0	0.00	96.88	-	-	0.00	0.00	-	0.00
3	19,217	19,217	<b>-8.51</b>	105.0	0.00	96.67	-	-	0.00	0.00	-	0.00
4	18,418	18,418	<b>-7.94</b>	105.0	0.00	96.30	-	-	0.00	0.00	-	0.00
5	18,173	18,173	<b>-7.77</b>	105.0	0.00	96.19	-	-	0.00	0.00	-	0.00
6	18,403	18,403	<b>-7.93</b>	105.0	0.00	96.30	-	-	0.00	0.00	-	0.00
7	18,264	18,265	<b>-7.83</b>	105.0	0.00	96.23	-	-	0.00	0.00	-	0.00
8	18,234	18,234	<b>-7.81</b>	105.0	0.00	96.22	-	-	0.00	0.00	-	0.00
9	17,590	17,590	<b>-7.34</b>	105.0	0.00	95.91	-	-	0.00	0.00	-	0.00
10	17,617	17,617	<b>-7.36</b>	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	17,704	17,704	-7.42	105.0	0.00	95.96	-	-	0.00	0.00	-	0.00
12	16,843	16,843	-6.76	105.0	0.00	95.53	-	-	0.00	0.00	-	0.00
13	17,042	17,042	-6.92	105.0	0.00	95.63	-	-	0.00	0.00	-	0.00
14	17,481	17,481	-7.25	105.0	0.00	95.85	-	-	0.00	0.00	-	0.00
15	16,439	16,439	-6.44	105.0	0.00	95.32	-	-	0.00	0.00	-	0.00
16	16,204	16,204	-6.25	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
17	16,030	16,030	-6.10	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
18	15,826	15,826	-5.93	105.0	0.00	94.99	-	-	0.00	0.00	-	0.00
19	15,342	15,342	-5.52	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
20	15,214	15,214	-5.41	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
21	15,271	15,271	-5.46	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
22	15,275	15,275	-5.46	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
23	14,524	14,524	-4.78	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
24	14,399	14,399	-4.67	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
25	13,806	13,806	-4.10	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
26	14,182	14,182	-4.46	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
27	13,767	13,767	-4.06	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
28	13,163	13,163	-3.46	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
29	13,788	13,788	-4.08	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
30	13,610	13,610	-3.91	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
31	13,536	13,536	-3.84	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
32	13,114	13,114	-3.41	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
33	13,253	13,253	-3.55	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
34	12,899	12,899	-3.18	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
35	13,594	13,594	-3.89	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
36	13,352	13,352	-3.65	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
37	12,963	12,964	-3.25	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
38	12,762	12,763	-3.04	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
39	12,813	12,813	-3.09	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
40	13,087	13,087	-3.38	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
41	12,250	12,250	-2.48	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
42	12,759	12,759	-3.03	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
43	12,524	12,524	-2.78	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
44	12,446	12,446	-2.70	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
45	12,024	12,024	-2.23	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
46	11,691	11,691	-1.84	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
47	12,155	12,155	-2.37	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
48	12,145	12,145	-2.36	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
49	12,271	12,271	-2.50	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
50	11,298	11,298	-1.37	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
51	11,488	11,488	-1.60	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
52	11,634	11,635	-1.78	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
53	12,387	12,387	-2.63	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
54	12,486	12,486	-2.74	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
55	11,965	11,965	-2.16	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
56	11,574	11,575	-1.71	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
57	11,560	11,561	-1.69	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
58	11,291	11,291	-1.37	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
59	10,734	10,734	-0.67	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
60	10,692	10,692	-0.62	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
61	10,929	10,929	-0.92	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
62	10,252	10,252	-0.03	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
63	10,201	10,201	0.04	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
64	10,610	10,610	-0.51	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
65	10,885	10,885	-0.86	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
66	10,960	10,960	-0.96	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
67	9,356	9,357	1.24	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
68	9,200	9,201	1.47	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
69	9,177	9,178	1.50	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	9,171	9,172	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
71	9,006	9,007	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
72	8,514	8,514	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
73	8,580	8,580	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
74	8,226	8,227	<b>3.03</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
75	7,705	7,706	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
76	7,452	7,452	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
77	6,858	6,858	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
78	6,583	6,584	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
79	5,447	5,447	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
80	5,827	5,827	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
81	4,956	4,956	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
82	5,118	5,118	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
83	5,722	5,723	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
84	4,979	4,980	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
85	5,166	5,167	<b>9.56</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
86	5,259	5,260	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
87	3,188	3,189	<b>16.06</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
88	4,262	4,263	<b>12.21</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
89	3,730	3,731	<b>14.00</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
90	4,059	4,059	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
91	3,336	3,337	<b>15.47</b>	105.0	0.00	81.47	-	-	0.00	0.00	-	0.00
92	3,524	3,525	<b>14.76</b>	105.0	0.00	81.94	-	-	0.00	0.00	-	0.00
93	4,507	4,508	<b>11.45</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
94	2,718	2,719	<b>18.07</b>	105.0	0.00	79.69	-	-	0.00	0.00	-	0.00
95	2,649	2,651	<b>18.38</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
96	1,984	1,986	<b>22.12</b>	105.0	0.00	76.96	-	-	0.00	0.00	-	0.00
97	2,039	2,041	<b>21.76</b>	105.0	0.00	77.20	-	-	0.00	0.00	-	0.00
98	2,654	2,655	<b>18.36</b>	105.0	0.00	79.48	-	-	0.00	0.00	-	0.00
99	3,031	3,032	<b>16.70</b>	105.0	0.00	80.64	-	-	0.00	0.00	-	0.00
100	2,339	2,340	<b>19.94</b>	105.0	0.00	78.39	-	-	0.00	0.00	-	0.00

Sum 29.84

- Data undefined due to calculation with octave data

### Noise sensitive area: H088 H088

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,518	18,518	<b>-8.02</b>	105.0	0.00	96.35	-	-	0.00	0.00	-	0.00
2	18,679	18,680	<b>-8.13</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
3	18,229	18,229	<b>-7.81</b>	105.0	0.00	96.22	-	-	0.00	0.00	-	0.00
4	17,422	17,422	<b>-7.21</b>	105.0	0.00	95.82	-	-	0.00	0.00	-	0.00
5	17,179	17,179	<b>-7.02</b>	105.0	0.00	95.70	-	-	0.00	0.00	-	0.00
6	17,415	17,415	<b>-7.20</b>	105.0	0.00	95.82	-	-	0.00	0.00	-	0.00
7	17,280	17,280	<b>-7.10</b>	105.0	0.00	95.75	-	-	0.00	0.00	-	0.00
8	17,256	17,256	<b>-7.08</b>	105.0	0.00	95.74	-	-	0.00	0.00	-	0.00
9	16,605	16,605	<b>-6.57</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
10	16,636	16,636	<b>-6.60</b>	105.0	0.00	95.42	-	-	0.00	0.00	-	0.00
11	16,744	16,745	<b>-6.68</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00
12	15,874	15,874	<b>-5.97</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
13	16,084	16,084	<b>-6.15</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00
14	16,536	16,536	<b>-6.52</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
15	15,498	15,498	<b>-5.65</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
16	15,230	15,230	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
17	15,081	15,081	<b>-5.29</b>	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
18	14,892	14,893	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
19	14,387	14,387	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
20	14,297	14,297	<b>-4.57</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
21	14,362	14,362	-4.63	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00	
22	14,282	14,282	-4.56	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00	
23	13,529	13,529	-3.83	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00	
24	13,424	13,425	-3.72	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00	
25	12,836	12,836	-3.12	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00	
26	13,221	13,221	-3.52	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00	
27	12,821	12,821	-3.10	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00	
28	12,219	12,219	-2.45	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00	
29	12,865	12,866	-3.15	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00	
30	12,702	12,702	-2.97	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00	
31	12,645	12,645	-2.91	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00	
32	12,195	12,195	-2.42	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00	
33	12,408	12,408	-2.66	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00	
34	12,080	12,080	-2.29	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00	
35	12,598	12,598	-2.86	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00	
36	12,358	12,358	-2.60	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00	
37	11,967	11,967	-2.16	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00	
38	11,767	11,767	-1.93	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00	
39	11,821	11,821	-1.99	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00	
40	12,106	12,106	-2.32	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00	
41	11,272	11,272	-1.34	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00	
42	11,803	11,803	-1.97	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00	
43	11,583	11,584	-1.72	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00	
44	11,476	11,476	-1.59	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00	
45	11,062	11,062	-1.08	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00	
46	10,719	10,719	-0.65	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00	
47	11,234	11,234	-1.30	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00	
48	11,241	11,241	-1.30	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00	
49	11,381	11,381	-1.47	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00	
50	10,398	10,398	-0.23	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00	
51	10,601	10,601	-0.50	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00	
52	10,761	10,761	-0.70	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00	
53	11,531	11,531	-1.65	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00	
54	11,695	11,695	-1.85	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00	
55	10,970	10,970	-0.97	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00	
56	10,579	10,579	-0.47	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00	
57	10,564	10,564	-0.45	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00	
58	10,296	10,296	-0.09	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00	
59	9,756	9,756	0.65	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00	
60	9,722	9,722	0.70	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00	
61	9,979	9,979	0.34	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00	
62	9,287	9,287	1.34	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00	
63	9,246	9,246	1.40	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00	
64	9,680	9,681	0.76	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00	
65	9,968	9,968	0.36	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00	
66	9,966	9,967	0.36	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00	
67	8,362	8,363	2.80	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00	
68	8,205	8,205	3.07	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00	
69	8,188	8,188	3.10	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00	
70	8,187	8,188	3.10	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00	
71	8,034	8,034	3.37	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00	
72	7,548	7,549	4.24	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00	
73	7,589	7,590	4.17	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00	
74	7,235	7,235	4.84	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00	
75	6,711	6,711	5.90	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00	
76	6,455	6,456	6.44	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00	
77	5,900	5,901	7.71	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00	
78	5,587	5,588	8.47	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00	
79	4,475	4,476	11.54	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	4,996	4,996	<b>10.03</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
81	4,116	4,117	<b>12.68</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
82	4,315	4,315	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
83	5,075	5,076	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
84	4,405	4,405	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
85	4,640	4,640	<b>11.05</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
86	4,796	4,797	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
87	2,244	2,245	<b>20.50</b>	105.0	0.00	78.02	-	-	0.00	0.00	-	0.00
88	3,412	3,413	<b>15.18</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
89	2,960	2,961	<b>17.00</b>	105.0	0.00	80.43	-	-	0.00	0.00	-	0.00
90	3,346	3,347	<b>15.43</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
91	2,656	2,657	<b>18.35</b>	105.0	0.00	79.49	-	-	0.00	0.00	-	0.00
92	2,920	2,921	<b>17.17</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
93	3,914	3,914	<b>13.36</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
94	1,743	1,744	<b>23.78</b>	105.0	0.00	75.83	-	-	0.00	0.00	-	0.00
95	1,653	1,655	<b>24.45</b>	105.0	0.00	75.38	-	-	0.00	0.00	-	0.00
96	992	995	<b>30.61</b>	105.0	0.00	70.96	-	-	0.00	0.00	-	0.00
97	1,647	1,649	<b>24.50</b>	105.0	0.00	75.34	-	-	0.00	0.00	-	0.00
98	2,192	2,193	<b>20.81</b>	105.0	0.00	77.82	-	-	0.00	0.00	-	0.00
99	2,649	2,649	<b>18.38</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
100	2,154	2,155	<b>21.04</b>	105.0	0.00	77.67	-	-	0.00	0.00	-	0.00

Sum 34.51

- Data undefined due to calculation with octave data

### Noise sensitive area: H090 H090

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	19,252	19,252	<b>-8.53</b>	105.0	0.00	96.69	-	-	0.00	0.00	-	0.00
2	19,423	19,423	<b>-8.65</b>	105.0	0.00	96.77	-	-	0.00	0.00	-	0.00
3	18,975	18,975	<b>-8.34</b>	105.0	0.00	96.56	-	-	0.00	0.00	-	0.00
4	18,140	18,140	<b>-7.74</b>	105.0	0.00	96.17	-	-	0.00	0.00	-	0.00
5	17,905	17,905	<b>-7.57</b>	105.0	0.00	96.06	-	-	0.00	0.00	-	0.00
6	18,160	18,160	<b>-7.76</b>	105.0	0.00	96.18	-	-	0.00	0.00	-	0.00
7	18,032	18,032	<b>-7.67</b>	105.0	0.00	96.12	-	-	0.00	0.00	-	0.00
8	18,019	18,019	<b>-7.66</b>	105.0	0.00	96.11	-	-	0.00	0.00	-	0.00
9	17,358	17,358	<b>-7.16</b>	105.0	0.00	95.79	-	-	0.00	0.00	-	0.00
10	17,394	17,394	<b>-7.19</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00
11	17,524	17,524	<b>-7.29</b>	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
12	16,647	16,647	<b>-6.61</b>	105.0	0.00	95.43	-	-	0.00	0.00	-	0.00
13	16,864	16,864	<b>-6.78</b>	105.0	0.00	95.54	-	-	0.00	0.00	-	0.00
14	17,324	17,324	<b>-7.13</b>	105.0	0.00	95.77	-	-	0.00	0.00	-	0.00
15	16,287	16,287	<b>-6.31</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
16	15,998	15,998	<b>-6.08</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
17	15,866	15,866	<b>-5.97</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
18	15,684	15,684	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
19	15,169	15,169	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
20	15,092	15,092	<b>-5.30</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
21	15,158	15,158	<b>-5.36</b>	105.0	0.00	94.61	-	-	0.00	0.00	-	0.00
22	15,015	15,016	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
23	14,251	14,251	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
24	14,192	14,192	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
25	13,608	13,608	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
26	13,999	14,000	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
27	13,607	13,608	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
28	13,006	13,006	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
29	13,659	13,660	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
30	13,498	13,498	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00

To be continued on next page...

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
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Jay Haley / [jhaley@eapc.net](mailto:jhaley@eapc.net)  
Calculated:  
6/30/2016 1:47 PM/3.0.654

### DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A),ref]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
31	13,442	13,442	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
32	12,990	12,990	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
33	13,203	13,203	<b>-3.50</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
34	12,872	12,872	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
35	13,315	13,315	<b>-3.61</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
36	13,086	13,086	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
37	12,675	12,675	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
38	12,485	12,485	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
39	12,561	12,561	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
40	12,866	12,866	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
41	12,036	12,036	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
42	12,586	12,586	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
43	12,373	12,373	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
44	12,249	12,249	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
45	11,840	11,840	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
46	11,490	11,490	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
47	12,029	12,029	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
48	12,037	12,038	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
49	12,179	12,179	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
50	11,195	11,195	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
51	11,398	11,398	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
52	11,559	11,559	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
53	12,327	12,327	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
54	12,480	12,480	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
55	11,656	11,656	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
56	11,272	11,272	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
57	11,274	11,274	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
58	11,020	11,020	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
59	10,522	10,522	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
60	10,495	10,495	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
61	10,764	10,764	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
62	10,064	10,064	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
63	10,030	10,030	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
64	10,473	10,474	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
65	10,763	10,763	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
66	10,643	10,643	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
67	9,095	9,096	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
68	8,927	8,927	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
69	8,934	8,935	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
70	8,945	8,946	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
71	8,805	8,806	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
72	8,326	8,327	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
73	8,334	8,334	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
74	7,905	7,905	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
75	7,399	7,399	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
76	7,161	7,161	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
77	6,684	6,684	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
78	6,304	6,305	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
79	5,252	5,252	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
80	5,787	5,787	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
81	4,908	4,909	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
82	5,099	5,100	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
83	5,808	5,808	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
84	5,103	5,104	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
85	5,316	5,317	<b>9.16</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
86	5,440	5,441	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
87	3,038	3,039	<b>16.67</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
88	4,205	4,206	<b>12.39</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
89	3,732	3,733	<b>14.00</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	4,099	4,100	<b>12.74</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
91	3,392	3,393	<b>15.25</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
92	3,625	3,625	<b>14.39</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
93	4,619	4,620	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
94	2,385	2,387	<b>19.68</b>	105.0	0.00	78.56	-	-	0.00	0.00	-	0.00
95	2,377	2,378	<b>19.73</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
96	1,760	1,762	<b>23.66</b>	105.0	0.00	75.92	-	-	0.00	0.00	-	0.00
97	2,217	2,219	<b>20.66</b>	105.0	0.00	77.92	-	-	0.00	0.00	-	0.00
98	2,815	2,816	<b>17.63</b>	105.0	0.00	79.99	-	-	0.00	0.00	-	0.00
99	3,234	3,234	<b>15.88</b>	105.0	0.00	81.20	-	-	0.00	0.00	-	0.00
100	2,609	2,610	<b>18.56</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00

Sum 30.05

- Data undefined due to calculation with octave data

### Noise sensitive area: H091 H091

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,320	18,320	<b>-7.87</b>	105.0	0.00	96.26	-	-	0.00	0.00	-	0.00
2	18,517	18,517	<b>-8.02</b>	105.0	0.00	96.35	-	-	0.00	0.00	-	0.00
3	18,079	18,079	<b>-7.70</b>	105.0	0.00	96.14	-	-	0.00	0.00	-	0.00
4	17,174	17,174	<b>-7.02</b>	105.0	0.00	95.70	-	-	0.00	0.00	-	0.00
5	16,956	16,956	<b>-6.85</b>	105.0	0.00	95.59	-	-	0.00	0.00	-	0.00
6	17,261	17,261	<b>-7.09</b>	105.0	0.00	95.74	-	-	0.00	0.00	-	0.00
7	17,158	17,158	<b>-7.01</b>	105.0	0.00	95.69	-	-	0.00	0.00	-	0.00
8	17,181	17,181	<b>-7.02</b>	105.0	0.00	95.70	-	-	0.00	0.00	-	0.00
9	16,486	16,486	<b>-6.48</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
10	16,540	16,540	<b>-6.52</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
11	16,764	16,764	<b>-6.70</b>	105.0	0.00	95.49	-	-	0.00	0.00	-	0.00
12	15,852	15,852	<b>-5.95</b>	105.0	0.00	95.00	-	-	0.00	0.00	-	0.00
13	16,109	16,109	<b>-6.17</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
14	16,615	16,615	<b>-6.58</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
15	15,591	15,591	<b>-5.73</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
16	15,184	15,184	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
17	15,143	15,143	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
18	15,012	15,012	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
19	14,431	14,431	<b>-4.70</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
20	14,470	14,470	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
21	14,558	14,558	<b>-4.82</b>	105.0	0.00	94.26	-	-	0.00	0.00	-	0.00
22	14,090	14,090	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
23	13,301	13,301	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
24	13,382	13,382	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
25	12,819	12,819	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
26	13,243	13,243	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
27	12,904	12,904	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
28	12,312	12,312	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
29	13,027	13,027	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
30	12,906	12,906	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
31	12,894	12,894	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
32	12,371	12,371	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
33	12,760	12,761	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
34	12,485	12,485	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
35	12,352	12,353	<b>-2.59</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
36	12,153	12,153	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
37	11,696	11,696	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
38	11,529	11,529	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
39	11,659	11,659	<b>-1.81</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
40	12,028	12,029	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	11,220	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
42	11,855	11,855	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
43	11,696	11,696	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
44	11,466	11,466	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
45	11,091	11,091	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
46	10,704	10,704	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
47	11,410	11,410	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
48	11,464	11,464	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
49	11,640	11,640	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
50	10,636	10,636	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
51	10,870	10,870	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
52	11,063	11,063	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
53	11,866	11,866	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
54	12,151	12,151	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
55	10,639	10,640	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
56	10,270	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
57	10,304	10,304	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
58	10,083	10,084	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
59	9,717	9,717	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
60	9,723	9,723	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
61	10,065	10,065	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
62	9,317	9,317	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
63	9,321	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
64	9,842	9,843	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
65	10,164	10,164	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
66	9,614	9,615	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
67	8,190	8,190	<b>3.10</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
68	7,995	7,996	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
69	8,070	8,071	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
70	8,120	8,120	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
71	8,037	8,037	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
72	7,595	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
73	7,466	7,467	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
74	6,879	6,879	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
75	6,408	6,408	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
76	6,207	6,207	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
77	6,008	6,008	<b>7.45</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
78	5,386	5,386	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
79	4,558	4,558	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
80	5,468	5,468	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
81	4,601	4,601	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
82	4,858	4,858	<b>10.42</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
83	5,805	5,806	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
84	5,223	5,224	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
85	5,494	5,494	<b>8.71</b>	105.0	0.00	85.80	-	-	0.00	0.00	-	0.00
86	5,696	5,696	<b>8.20</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
87	2,593	2,594	<b>18.64</b>	105.0	0.00	79.28	-	-	0.00	0.00	-	0.00
88	3,909	3,909	<b>13.38</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
89	3,618	3,619	<b>14.41</b>	105.0	0.00	82.17	-	-	0.00	0.00	-	0.00
90	4,058	4,059	<b>12.88</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
91	3,444	3,445	<b>15.06</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
92	3,766	3,767	<b>13.88</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
93	4,729	4,729	<b>10.79</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
94	1,491	1,492	<b>25.75</b>	105.0	0.00	74.48	-	-	0.00	0.00	-	0.00
95	1,670	1,672	<b>24.32</b>	105.0	0.00	75.46	-	-	0.00	0.00	-	0.00
96	1,362	1,364	<b>26.86</b>	105.0	0.00	73.70	-	-	0.00	0.00	-	0.00
97	2,694	2,695	<b>18.18</b>	105.0	0.00	79.61	-	-	0.00	0.00	-	0.00
98	3,176	3,176	<b>16.11</b>	105.0	0.00	81.04	-	-	0.00	0.00	-	0.00
99	3,652	3,652	<b>14.29</b>	105.0	0.00	82.25	-	-	0.00	0.00	-	0.00
100	3,238	3,239	<b>15.86</b>	105.0	0.00	81.21	-	-	0.00	0.00	-	0.00

Sum 32.22

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H092 H092

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,733	17,733	-7.44	105.0	0.00	95.98	-	-	0.00	0.00	-	0.00
2	17,944	17,944	-7.60	105.0	0.00	96.08	-	-	0.00	0.00	-	0.00
3	17,512	17,513	-7.28	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
4	16,569	16,569	-6.54	105.0	0.00	95.39	-	-	0.00	0.00	-	0.00
5	16,361	16,361	-6.37	105.0	0.00	95.28	-	-	0.00	0.00	-	0.00
6	16,694	16,694	-6.64	105.0	0.00	95.45	-	-	0.00	0.00	-	0.00
7	16,604	16,604	-6.57	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
8	16,647	16,647	-6.61	105.0	0.00	95.43	-	-	0.00	0.00	-	0.00
9	15,934	15,934	-6.02	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
10	15,998	15,998	-6.08	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
11	16,276	16,276	-6.31	105.0	0.00	95.23	-	-	0.00	0.00	-	0.00
12	15,345	15,345	-5.52	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
13	15,625	15,625	-5.76	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
14	16,156	16,156	-6.21	105.0	0.00	95.17	-	-	0.00	0.00	-	0.00
15	15,142	15,142	-5.34	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
16	14,667	14,667	-4.92	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
17	14,678	14,678	-4.93	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
18	14,578	14,578	-4.83	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
19	13,959	13,959	-4.25	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
20	14,065	14,065	-4.35	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
21	14,166	14,166	-4.45	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
22	13,511	13,511	-3.81	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
23	12,709	12,709	-2.98	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
24	12,871	12,871	-3.15	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
25	12,321	12,321	-2.56	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
26	12,763	12,764	-3.04	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
27	12,456	12,456	-2.71	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
28	11,871	11,871	-2.05	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
29	12,620	12,620	-2.89	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
30	12,523	12,523	-2.78	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
31	12,537	12,537	-2.80	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
32	11,975	11,975	-2.17	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
33	12,467	12,467	-2.72	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
34	12,226	12,226	-2.45	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
35	11,755	11,756	-1.92	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
36	11,573	11,573	-1.70	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
37	11,090	11,090	-1.12	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
38	10,936	10,937	-0.93	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
39	11,098	11,098	-1.13	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
40	11,504	11,504	-1.62	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
41	10,710	10,710	-0.64	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
42	11,393	11,394	-1.49	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
43	11,267	11,267	-1.34	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
44	10,975	10,975	-0.97	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
45	10,621	10,621	-0.52	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
46	10,214	10,214	0.02	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
47	11,017	11,017	-1.03	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
48	11,098	11,098	-1.13	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
49	11,294	11,295	-1.37	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
50	10,283	10,283	-0.08	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
51	10,533	10,534	-0.41	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
52	10,746	10,746	-0.68	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
53	11,565	11,565	-1.69	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
54	11,928	11,928	-2.12	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
55	10,014	10,015	0.29	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
56	9,654	9,654	0.80	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
57	9,706	9,706	0.72	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
58	9,506	9,506	1.01	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
59	9,219	9,219	1.44	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	9,245	9,245	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
61	9,629	9,629	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
62	8,856	8,856	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
63	8,884	8,884	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
64	9,449	9,449	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
65	9,788	9,788	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
66	8,984	8,985	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
67	7,638	7,638	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
68	7,428	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
69	7,544	7,544	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
70	7,617	7,617	<b>4.12</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
71	7,570	7,570	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
72	7,155	7,155	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
73	6,941	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
74	6,258	6,259	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
75	5,812	5,812	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
76	5,635	5,636	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
77	5,620	5,620	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
78	4,845	4,845	<b>10.45</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
79	4,184	4,184	<b>12.46</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
80	5,316	5,316	<b>9.16</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
81	4,480	4,480	<b>11.53</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
82	4,770	4,771	<b>10.67</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
83	5,839	5,839	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
84	5,341	5,341	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
85	5,638	5,638	<b>8.34</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
86	5,879	5,879	<b>7.76</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
87	2,494	2,495	<b>19.11</b>	105.0	0.00	78.94	-	-	0.00	0.00	-	0.00
88	3,821	3,822	<b>13.68</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
89	3,658	3,659	<b>14.26</b>	105.0	0.00	82.27	-	-	0.00	0.00	-	0.00
90	4,120	4,121	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
91	3,590	3,591	<b>14.51</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
92	3,946	3,946	<b>13.25</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
93	4,854	4,855	<b>10.42</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
94	1,176	1,179	<b>28.62</b>	105.0	0.00	72.43	-	-	0.00	0.00	-	0.00
95	1,501	1,502	<b>25.66</b>	105.0	0.00	74.54	-	-	0.00	0.00	-	0.00
96	1,515	1,517	<b>25.54</b>	105.0	0.00	74.62	-	-	0.00	0.00	-	0.00
97	3,106	3,107	<b>16.39</b>	105.0	0.00	80.85	-	-	0.00	0.00	-	0.00
98	3,502	3,502	<b>14.84</b>	105.0	0.00	81.89	-	-	0.00	0.00	-	0.00
99	3,984	3,984	<b>13.13</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
100	3,689	3,690	<b>14.15</b>	105.0	0.00	82.34	-	-	0.00	0.00	-	0.00

Sum 32.93

- Data undefined due to calculation with octave data

### Noise sensitive area: H093 H093

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,481	17,481	<b>-7.25</b>	105.0	0.00	95.85	-	-	0.00	0.00	-	0.00
2	17,705	17,705	<b>-7.42</b>	105.0	0.00	95.96	-	-	0.00	0.00	-	0.00
3	17,279	17,280	<b>-7.10</b>	105.0	0.00	95.75	-	-	0.00	0.00	-	0.00
4	16,299	16,299	<b>-6.32</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
5	16,101	16,101	<b>-6.16</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
6	16,461	16,461	<b>-6.46</b>	105.0	0.00	95.33	-	-	0.00	0.00	-	0.00
7	16,384	16,384	<b>-6.39</b>	105.0	0.00	95.29	-	-	0.00	0.00	-	0.00
8	16,445	16,445	<b>-6.44</b>	105.0	0.00	95.32	-	-	0.00	0.00	-	0.00
9	15,716	15,716	<b>-5.84</b>	105.0	0.00	94.93	-	-	0.00	0.00	-	0.00
10	15,790	15,790	<b>-5.90</b>	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	16,114	16,114	<b>-6.17</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
12	15,168	15,168	<b>-5.36</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
13	15,467	15,467	<b>-5.63</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
14	16,019	16,019	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
15	15,013	15,013	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
16	14,481	14,481	<b>-4.74</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
17	14,538	14,538	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
18	14,462	14,462	<b>-4.73</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
19	13,813	13,813	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
20	13,974	13,975	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
21	14,085	14,085	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
22	13,269	13,270	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
23	12,455	12,456	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
24	12,692	12,692	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
25	12,155	12,155	<b>-2.37</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
26	12,612	12,613	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
27	12,332	12,332	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
28	11,754	11,754	<b>-1.92</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
29	12,530	12,530	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
30	12,452	12,452	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
31	12,486	12,486	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
32	11,893	11,893	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
33	12,462	12,462	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
34	12,247	12,247	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
35	11,498	11,498	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
36	11,333	11,333	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
37	10,825	10,825	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
38	10,685	10,685	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
39	10,877	10,877	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
40	11,315	11,316	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
41	10,535	10,536	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
42	11,260	11,260	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
43	11,161	11,161	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
44	10,817	10,817	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
45	10,482	10,482	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
46	10,058	10,058	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
47	10,940	10,940	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
48	11,042	11,042	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
49	11,253	11,253	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
50	10,238	10,238	<b>-0.02</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
51	10,501	10,501	<b>-0.37</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
52	10,727	10,727	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
53	11,557	11,557	<b>-1.68</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
54	11,974	11,974	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
55	9,729	9,730	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
56	9,379	9,380	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
57	9,450	9,451	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
58	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
59	9,059	9,059	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
60	9,102	9,102	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
61	9,520	9,520	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
62	8,728	8,729	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
63	8,776	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
64	9,376	9,376	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
65	9,728	9,728	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
66	8,695	8,696	<b>2.26</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
67	7,432	7,433	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
68	7,209	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
69	7,363	7,364	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,457	7,458	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
71	7,442	7,443	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
72	7,051	7,051	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
73	6,764	6,765	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
74	5,987	5,988	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
75	5,569	5,569	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
76	5,419	5,420	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
77	5,568	5,568	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
78	4,665	4,666	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
79	4,160	4,160	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
80	5,439	5,439	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
81	4,631	4,631	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
82	4,939	4,939	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
83	6,068	6,069	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
84	5,620	5,620	<b>8.39</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
85	5,928	5,929	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
86	6,188	6,188	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
87	2,701	2,702	<b>18.14</b>	105.0	0.00	79.63	-	-	0.00	0.00	-	0.00
88	4,002	4,003	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
89	3,915	3,915	<b>13.36</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
90	4,382	4,382	<b>11.83</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
91	3,901	3,901	<b>13.41</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
92	4,268	4,269	<b>12.19</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
93	5,141	5,142	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
94	1,343	1,345	<b>27.03</b>	105.0	0.00	73.57	-	-	0.00	0.00	-	0.00
95	1,724	1,725	<b>23.92</b>	105.0	0.00	75.74	-	-	0.00	0.00	-	0.00
96	1,889	1,891	<b>22.75</b>	105.0	0.00	76.53	-	-	0.00	0.00	-	0.00
97	3,529	3,530	<b>14.74</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00
98	3,891	3,891	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
99	4,370	4,371	<b>11.87</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
100	4,120	4,121	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00

Sum 31.38

- Data undefined due to calculation with octave data

### Noise sensitive area: H094 H094

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,629	18,629	<b>-8.10</b>	105.0	0.00	96.40	-	-	0.00	0.00	-	0.00
2	18,894	18,894	<b>-8.28</b>	105.0	0.00	96.53	-	-	0.00	0.00	-	0.00
3	18,487	18,487	<b>-7.99</b>	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
4	17,396	17,396	<b>-7.19</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00
5	17,232	17,232	<b>-7.06</b>	105.0	0.00	95.73	-	-	0.00	0.00	-	0.00
6	17,670	17,670	<b>-7.40</b>	105.0	0.00	95.94	-	-	0.00	0.00	-	0.00
7	17,630	17,630	<b>-7.37</b>	105.0	0.00	95.93	-	-	0.00	0.00	-	0.00
8	17,740	17,740	<b>-7.45</b>	105.0	0.00	95.98	-	-	0.00	0.00	-	0.00
9	16,970	16,970	<b>-6.86</b>	105.0	0.00	95.59	-	-	0.00	0.00	-	0.00
10	17,068	17,069	<b>-6.94</b>	105.0	0.00	95.64	-	-	0.00	0.00	-	0.00
11	17,504	17,504	<b>-7.27</b>	105.0	0.00	95.86	-	-	0.00	0.00	-	0.00
12	16,526	16,526	<b>-6.51</b>	105.0	0.00	95.36	-	-	0.00	0.00	-	0.00
13	16,867	16,867	<b>-6.78</b>	105.0	0.00	95.54	-	-	0.00	0.00	-	0.00
14	17,461	17,461	<b>-7.24</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
15	16,475	16,475	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
16	15,823	15,823	<b>-5.93</b>	105.0	0.00	94.99	-	-	0.00	0.00	-	0.00
17	15,978	15,978	<b>-6.06</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
18	15,950	15,950	<b>-6.04</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00
19	15,244	15,244	<b>-5.43</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
20	15,505	15,505	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	15,631	15,631	-5.77	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
22	14,468	14,468	-4.73	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
23	13,623	13,623	-3.92	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
24	14,057	14,057	-4.34	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
25	13,550	13,550	-3.85	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
26	14,037	14,038	-4.33	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
27	13,811	13,811	-4.11	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
28	13,247	13,247	-3.54	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
29	14,065	14,065	-4.35	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
30	14,016	14,016	-4.30	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
31	14,077	14,077	-4.36	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
32	13,444	13,444	-3.74	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
33	14,109	14,109	-4.39	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
34	13,916	13,916	-4.21	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
35	12,659	12,659	-2.93	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
36	12,546	12,546	-2.81	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
37	11,967	11,967	-2.16	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
38	11,870	11,870	-2.05	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
39	12,146	12,146	-2.36	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
40	12,665	12,665	-2.93	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
41	11,922	11,922	-2.11	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
42	12,726	12,726	-3.00	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
43	12,674	12,675	-2.94	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
44	12,236	12,236	-2.47	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
45	11,941	11,941	-2.13	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
46	11,486	11,486	-1.60	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
47	12,500	12,500	-2.76	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
48	12,631	12,631	-2.90	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
49	12,861	12,861	-3.14	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
50	11,844	11,844	-2.02	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
51	12,121	12,121	-2.34	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
52	12,361	12,362	-2.60	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
53	13,201	13,201	-3.50	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
54	13,663	13,663	-3.96	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
55	10,819	10,819	-0.78	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
56	10,506	10,507	-0.37	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
57	10,636	10,636	-0.54	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
58	10,517	10,517	-0.39	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
59	10,485	10,485	-0.34	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
60	10,561	10,562	-0.45	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
61	11,038	11,038	-1.05	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
62	10,218	10,219	0.01	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
63	10,299	10,299	-0.10	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
64	10,947	10,947	-0.94	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
65	11,315	11,315	-1.39	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
66	9,784	9,784	0.61	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
67	8,774	8,775	2.13	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
68	8,520	8,520	2.54	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
69	8,761	8,762	2.15	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
70	8,897	8,898	1.94	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
71	8,941	8,941	1.87	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
72	8,592	8,592	2.43	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
73	8,178	8,178	3.12	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
74	7,181	7,181	4.94	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
75	6,851	6,852	5.61	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
76	6,771	6,771	5.77	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
77	7,188	7,189	4.93	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
78	6,110	6,111	7.22	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
79	5,819	5,819	7.90	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	7,160	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
81	6,351	6,351	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
82	6,656	6,657	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
83	7,759	7,760	<b>3.86</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
84	7,267	7,267	<b>4.78</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
85	7,561	7,562	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
86	7,795	7,796	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
87	4,401	4,401	<b>11.77</b>	105.0	0.00	83.87	-	-	0.00	0.00	-	0.00
88	5,715	5,715	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
89	5,584	5,584	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
90	6,047	6,047	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
91	5,510	5,510	<b>8.66</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
92	5,859	5,860	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
93	6,779	6,780	<b>5.75</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
94	3,049	3,050	<b>16.63</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
95	3,409	3,410	<b>15.19</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
96	3,414	3,415	<b>15.17</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
97	4,880	4,881	<b>10.35</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
98	5,346	5,346	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
99	5,826	5,826	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
100	5,422	5,423	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00

Sum 24.57

- Data undefined due to calculation with octave data

### Noise sensitive area: H095 H095

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,912	16,912	<b>-6.82</b>	105.0	0.00	95.56	-	-	0.00	0.00	-	0.00
2	17,205	17,205	<b>-7.04</b>	105.0	0.00	95.71	-	-	0.00	0.00	-	0.00
3	16,813	16,813	<b>-6.74</b>	105.0	0.00	95.51	-	-	0.00	0.00	-	0.00
4	15,649	15,649	<b>-5.78</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
5	15,507	15,507	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
6	16,002	16,002	<b>-6.08</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
7	15,991	15,991	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
8	16,146	16,146	<b>-6.20</b>	105.0	0.00	95.16	-	-	0.00	0.00	-	0.00
9	15,342	15,342	<b>-5.52</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
10	15,462	15,462	<b>-5.62</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
11	16,013	16,013	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
12	15,004	15,004	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
13	15,393	15,393	<b>-5.56</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
14	16,038	16,038	<b>-6.11</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
15	15,085	15,086	<b>-5.29</b>	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
16	14,286	14,286	<b>-4.56</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
17	14,561	14,561	<b>-4.82</b>	105.0	0.00	94.26	-	-	0.00	0.00	-	0.00
18	14,602	14,602	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
19	13,819	13,819	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
20	14,234	14,234	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
21	14,387	14,388	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
22	12,805	12,805	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
23	11,941	11,941	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
24	12,557	12,557	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
25	12,092	12,092	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
26	12,613	12,613	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
27	12,466	12,466	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
28	11,930	11,930	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
29	12,813	12,813	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
30	12,821	12,821	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	12,943	12,943	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
32	12,228	12,228	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
33	13,121	13,121	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
34	13,012	13,012	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
35	10,979	10,980	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
36	10,909	10,909	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
37	10,278	10,278	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
38	10,215	10,216	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
39	10,562	10,562	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
40	11,159	11,159	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
41	10,468	10,468	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
42	11,372	11,372	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
43	11,399	11,399	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
44	10,822	10,822	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
45	10,585	10,585	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
46	10,092	10,093	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
47	11,314	11,314	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
48	11,506	11,506	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
49	11,778	11,778	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
50	10,770	10,770	<b>-0.72</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
51	11,079	11,079	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
52	11,357	11,357	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
53	12,216	12,216	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
54	12,846	12,846	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
55	9,102	9,103	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
56	8,820	8,820	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
57	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
58	8,930	8,930	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
59	9,102	9,102	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
60	9,226	9,226	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
61	9,790	9,790	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
62	8,937	8,938	<b>1.87</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
63	9,073	9,073	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
64	9,806	9,806	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
65	10,204	10,204	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
66	8,079	8,079	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
67	7,319	7,319	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
68	7,035	7,035	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
69	7,376	7,377	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
70	7,568	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
71	7,702	7,703	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
72	7,439	7,439	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
73	6,828	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
74	5,613	5,614	<b>8.40</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
75	5,386	5,387	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
76	5,390	5,391	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
77	6,267	6,268	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
78	4,895	4,895	<b>10.31</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
79	5,091	5,091	<b>9.77</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
80	6,773	6,773	<b>5.77</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
81	6,097	6,097	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
82	6,440	6,440	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
83	7,707	7,707	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
84	7,405	7,405	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
85	7,737	7,738	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
86	8,040	8,040	<b>3.36</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
87	4,453	4,453	<b>11.61</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
88	5,591	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
89	5,698	5,699	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	6,159	6,160	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
91	5,808	5,809	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
92	6,190	6,190	<b>7.03</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
93	6,958	6,959	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
94	3,214	3,215	<b>15.95</b>	105.0	0.00	81.14	-	-	0.00	0.00	-	0.00
95	3,614	3,614	<b>14.42</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
96	3,968	3,969	<b>13.17</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
97	5,641	5,642	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
98	5,950	5,951	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
99	6,421	6,421	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
100	6,241	6,241	<b>6.92</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00

Sum 24.71

- Data undefined due to calculation with octave data

### Noise sensitive area: H096 H096

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,531	17,532	<b>-7.29</b>	105.0	0.00	95.88	-	-	0.00	0.00	-	0.00
2	17,806	17,806	<b>-7.50</b>	105.0	0.00	96.01	-	-	0.00	0.00	-	0.00
3	17,404	17,404	<b>-7.20</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00
4	16,288	16,288	<b>-6.32</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
5	16,131	16,131	<b>-6.19</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
6	16,589	16,589	<b>-6.56</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
7	16,560	16,560	<b>-6.54</b>	105.0	0.00	95.38	-	-	0.00	0.00	-	0.00
8	16,687	16,687	<b>-6.64</b>	105.0	0.00	95.45	-	-	0.00	0.00	-	0.00
9	15,904	15,904	<b>-6.00</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
10	16,010	16,011	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
11	16,493	16,493	<b>-6.48</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
12	15,502	15,502	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
13	15,863	15,863	<b>-5.96</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
14	16,479	16,479	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
15	15,507	15,507	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
16	14,792	14,792	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
17	14,998	14,998	<b>-5.21</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
18	15,000	15,000	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
19	14,259	14,259	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
20	14,590	14,590	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
21	14,729	14,729	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
22	13,388	13,388	<b>-3.69</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
23	12,535	12,535	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
24	13,039	13,039	<b>-3.33</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
25	12,549	12,550	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
26	13,052	13,052	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
27	12,860	12,860	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
28	12,307	12,308	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
29	13,156	13,156	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
30	13,134	13,134	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
31	13,224	13,224	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
32	12,551	12,551	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
33	13,327	13,327	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
34	13,176	13,176	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
35	11,572	11,572	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
36	11,473	11,474	<b>-1.59</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
37	10,875	10,876	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
38	10,791	10,791	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
39	11,093	11,093	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
40	11,643	11,643	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	10,921	10,921	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
42	11,769	11,769	<b>-1.93</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
43	11,753	11,753	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
44	11,252	11,253	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
45	10,982	10,982	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
46	10,510	10,510	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
47	11,620	11,620	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
48	11,779	11,779	<b>-1.95</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
49	12,030	12,030	<b>-2.23</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
50	11,015	11,016	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
51	11,308	11,308	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
52	11,568	11,568	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
53	12,419	12,419	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
54	12,967	12,967	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
55	9,718	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
56	9,415	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
57	9,560	9,560	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
58	9,461	9,461	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
59	9,511	9,511	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
60	9,609	9,609	<b>0.86</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
61	10,125	10,126	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
62	9,289	9,289	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
63	9,395	9,395	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
64	10,084	10,084	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
65	10,467	10,467	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
66	8,685	8,686	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
67	7,766	7,766	<b>3.84</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
68	7,499	7,499	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
69	7,782	7,782	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
70	7,942	7,942	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
71	8,026	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
72	7,714	7,715	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
73	7,211	7,211	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
74	6,124	6,125	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
75	5,831	5,832	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
76	5,784	5,785	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
77	6,413	6,413	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
78	5,189	5,189	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
79	5,125	5,126	<b>9.67</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
80	6,662	6,662	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
81	5,919	5,919	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
82	6,249	6,249	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
83	7,456	7,456	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
84	7,073	7,073	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
85	7,392	7,392	<b>4.54</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
86	7,669	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
87	4,114	4,115	<b>12.69</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
88	5,349	5,349	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
89	5,357	5,357	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
90	5,825	5,825	<b>7.89</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
91	5,395	5,395	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
92	5,769	5,769	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
93	6,605	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
94	2,787	2,788	<b>17.76</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
95	3,188	3,188	<b>16.06</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
96	3,422	3,423	<b>15.14</b>	105.0	0.00	81.69	-	-	0.00	0.00	-	0.00
97	5,057	5,057	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
98	5,424	5,424	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
99	5,903	5,903	<b>7.70</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
100	5,644	5,644	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00

Sum 25.40

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H097 H097

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	17,156	17,156	<b>-7.01</b>	105.0	0.00	95.69	-	-	0.00	0.00	-	0.00
	2	17,466	17,466	<b>-7.24</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
	3	17,083	17,083	<b>-6.95</b>	105.0	0.00	95.65	-	-	0.00	0.00	-	0.00
	4	15,875	15,876	<b>-5.97</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
	5	15,748	15,748	<b>-5.87</b>	105.0	0.00	94.94	-	-	0.00	0.00	-	0.00
	6	16,275	16,275	<b>-6.31</b>	105.0	0.00	95.23	-	-	0.00	0.00	-	0.00
	7	16,280	16,281	<b>-6.31</b>	105.0	0.00	95.23	-	-	0.00	0.00	-	0.00
	8	16,456	16,456	<b>-6.45</b>	105.0	0.00	95.33	-	-	0.00	0.00	-	0.00
	9	15,637	15,637	<b>-5.77</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
	10	15,767	15,767	<b>-5.88</b>	105.0	0.00	94.96	-	-	0.00	0.00	-	0.00
	11	16,366	16,366	<b>-6.38</b>	105.0	0.00	95.28	-	-	0.00	0.00	-	0.00
	12	15,346	15,346	<b>-5.52</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
	13	15,753	15,753	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
	14	16,415	16,415	<b>-6.42</b>	105.0	0.00	95.30	-	-	0.00	0.00	-	0.00
	15	15,475	15,475	<b>-5.63</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
	16	14,623	14,623	<b>-4.88</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
	17	14,942	14,942	<b>-5.16</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
	18	15,005	15,005	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
	19	14,198	14,199	<b>-4.48</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
	20	14,659	14,659	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
	21	14,820	14,820	<b>-5.05</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
	22	13,087	13,087	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
	23	12,214	12,215	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
	24	12,913	12,913	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
	25	12,463	12,463	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
	26	12,996	12,996	<b>-3.28</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
	27	12,873	12,874	<b>-3.16</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
	28	12,347	12,347	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
	29	13,245	13,245	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
	30	13,268	13,268	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
	31	13,403	13,403	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
	32	12,671	12,671	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
	33	13,610	13,610	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
	34	13,515	13,515	<b>-3.81</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
	35	11,256	11,257	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
	36	11,208	11,209	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
	37	10,552	10,552	<b>-0.43</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
	38	10,508	10,509	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
	39	10,888	10,888	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
	40	11,516	11,516	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
	41	10,846	10,846	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
	42	11,779	11,780	<b>-1.95</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
	43	11,829	11,829	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
	44	11,212	11,212	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
	45	10,994	10,994	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
	46	10,491	10,491	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
	47	11,766	11,766	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
	48	11,971	11,971	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
	49	12,251	12,251	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
	50	11,247	11,248	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
	51	11,562	11,562	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
	52	11,846	11,847	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
	53	12,706	12,706	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
	54	13,363	13,363	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
	55	9,364	9,365	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
	56	9,101	9,101	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
	57	9,298	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	58	9,261	9,261	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
	59	9,508	9,508	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	9,646	9,646	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
61	10,232	10,232	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
62	9,373	9,373	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
63	9,522	9,523	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
64	10,272	10,272	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
65	10,675	10,675	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
66	8,352	8,352	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
67	7,709	7,709	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
68	7,417	7,417	<b>4.49</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
69	7,789	7,790	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
70	7,996	7,996	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
71	8,154	8,154	<b>3.16</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
72	7,911	7,912	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
73	7,255	7,256	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
74	5,973	5,974	<b>7.53</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
75	5,788	5,788	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
76	5,819	5,820	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
77	6,786	6,786	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
78	5,371	5,372	<b>9.02</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
79	5,637	5,638	<b>8.34</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
80	7,335	7,335	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
81	6,663	6,663	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
82	7,006	7,006	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
83	8,273	8,273	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
84	7,967	7,967	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
85	8,298	8,298	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
86	8,597	8,598	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
87	5,011	5,012	<b>9.98</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
88	6,157	6,157	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
89	6,258	6,258	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
90	6,720	6,720	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
91	6,358	6,358	<b>6.66</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
92	6,739	6,739	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
93	7,517	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
94	3,755	3,755	<b>13.92</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
95	4,156	4,157	<b>12.55</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
96	4,481	4,481	<b>11.53</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
97	6,143	6,144	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
98	6,473	6,473	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
99	6,947	6,947	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
100	6,738	6,739	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00

Sum 23.46

- Data undefined due to calculation with octave data

### Noise sensitive area: H112 H112

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,417	15,417	<b>-5.58</b>	105.0	0.00	94.76	-	-	0.00	0.00	-	0.00
2	15,679	15,679	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
3	15,272	15,272	<b>-5.46</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
4	14,191	14,192	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
5	14,021	14,021	<b>-4.31</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
6	14,456	14,456	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
7	14,418	14,418	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
8	14,538	14,538	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
9	13,760	13,760	<b>-4.06</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
10	13,863	13,863	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	14,343	14,343	<b>-4.62</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
12	13,350	13,350	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
13	13,715	13,715	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
14	14,339	14,339	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
15	13,374	13,374	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
16	12,640	12,640	<b>-2.91</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
17	12,859	12,859	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
18	12,878	12,878	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
19	12,119	12,119	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
20	12,493	12,493	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
21	12,642	12,642	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
22	11,253	11,253	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
23	10,408	10,408	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
24	10,889	10,889	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
25	10,404	10,404	<b>-0.24</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
26	10,912	10,912	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
27	10,739	10,739	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
28	10,196	10,196	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
29	11,068	11,068	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
30	11,070	11,070	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
31	11,188	11,188	<b>-1.24</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
32	10,478	10,478	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
33	11,372	11,372	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
34	11,274	11,274	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
35	9,444	9,444	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
36	9,333	9,333	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
37	8,753	8,753	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
38	8,655	8,656	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
39	8,943	8,943	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
40	9,492	9,492	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
41	8,775	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
42	9,646	9,647	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
43	9,656	9,657	<b>0.80</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
44	9,114	9,115	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
45	8,859	8,859	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
46	8,377	8,377	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
47	9,561	9,561	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
48	9,751	9,751	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
49	10,023	10,023	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
50	9,016	9,016	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
51	9,327	9,327	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
52	9,608	9,608	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
53	10,467	10,467	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
54	11,125	11,125	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
55	7,610	7,611	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
56	7,293	7,293	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
57	7,421	7,422	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
58	7,312	7,312	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
59	7,381	7,381	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
60	7,493	7,493	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
61	8,042	8,042	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
62	7,193	7,193	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
63	7,322	7,322	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
64	8,051	8,051	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
65	8,449	8,449	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
66	6,574	6,575	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
67	5,620	5,621	<b>8.39</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
68	5,349	5,350	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
69	5,652	5,652	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	5,829	5,830	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
71	5,950	5,951	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
72	5,684	5,684	<b>8.23</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
73	5,092	5,093	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
74	3,974	3,975	<b>13.16</b>	105.0	0.00	82.99	-	-	0.00	0.00	-	0.00
75	3,684	3,685	<b>14.17</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
76	3,657	3,658	<b>14.27</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00
77	4,553	4,554	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
78	3,140	3,141	<b>16.25</b>	105.0	0.00	80.94	-	-	0.00	0.00	-	0.00
79	3,481	3,482	<b>14.92</b>	105.0	0.00	81.84	-	-	0.00	0.00	-	0.00
80	5,286	5,286	<b>9.24</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
81	4,721	4,722	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
82	5,073	5,073	<b>9.82</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
83	6,398	6,398	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
84	6,243	6,244	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
85	6,589	6,590	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
86	6,931	6,931	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
87	3,463	3,464	<b>14.98</b>	105.0	0.00	81.79	-	-	0.00	0.00	-	0.00
88	4,339	4,339	<b>11.97</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
89	4,622	4,622	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
90	5,046	5,047	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
91	4,872	4,873	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
92	5,250	5,251	<b>9.34</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
93	5,849	5,849	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
94	2,609	2,610	<b>18.57</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
95	2,926	2,927	<b>17.15</b>	105.0	0.00	80.33	-	-	0.00	0.00	-	0.00
96	3,516	3,517	<b>14.78</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
97	5,129	5,130	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
98	5,265	5,266	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
99	5,690	5,690	<b>8.21</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
100	5,727	5,727	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00

Sum 27.90

- Data undefined due to calculation with octave data

### Noise sensitive area: H113 H113

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,417	16,417	<b>-6.42</b>	105.0	0.00	95.31	-	-	0.00	0.00	-	0.00
2	16,721	16,721	<b>-6.66</b>	105.0	0.00	95.47	-	-	0.00	0.00	-	0.00
3	16,335	16,335	<b>-6.35</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
4	15,143	15,143	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
5	15,010	15,010	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
6	15,526	15,526	<b>-5.68</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
7	15,527	15,527	<b>-5.68</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
8	15,697	15,697	<b>-5.82</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
9	14,882	14,882	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
10	15,010	15,010	<b>-5.22</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
11	15,602	15,602	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
12	14,583	14,583	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
13	14,989	14,989	<b>-5.21</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
14	15,651	15,652	<b>-5.78</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
15	14,712	14,712	<b>-4.96</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
16	13,861	13,861	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
17	14,178	14,178	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
18	14,245	14,245	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
19	13,435	13,435	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
20	13,904	13,904	<b>-4.20</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG			95% rated power									
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	14,067	14,067	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
22	12,335	12,335	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
23	11,464	11,465	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
24	12,149	12,149	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
25	11,699	11,700	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
26	12,232	12,232	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
27	12,114	12,114	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
28	11,590	11,590	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
29	12,493	12,493	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
30	12,522	12,522	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
31	12,664	12,664	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
32	11,923	11,923	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
33	12,892	12,892	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
34	12,812	12,812	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
35	10,505	10,505	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
36	10,452	10,452	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
37	9,801	9,801	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
38	9,753	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
39	10,126	10,127	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
40	10,752	10,752	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
41	10,082	10,082	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
42	11,020	11,020	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
43	11,076	11,076	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
44	10,450	10,450	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
45	10,236	10,236	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
46	9,730	9,731	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
47	11,023	11,023	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
48	11,235	11,235	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
49	11,521	11,521	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
50	10,521	10,521	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
51	10,839	10,839	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
52	11,130	11,130	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
53	11,991	11,991	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
54	12,676	12,676	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
55	8,617	8,618	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
56	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
57	8,540	8,540	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
58	8,498	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
59	8,749	8,749	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
60	8,890	8,890	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
61	9,484	9,484	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
62	8,623	8,623	<b>2.37</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
63	8,779	8,779	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
64	9,538	9,538	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
65	9,945	9,945	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
66	7,601	7,601	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
67	6,947	6,948	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
68	6,654	6,654	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
69	7,033	7,033	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
70	7,244	7,244	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
71	7,412	7,413	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
72	7,183	7,184	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
73	6,503	6,504	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
74	5,209	5,210	<b>9.45</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
75	5,029	5,030	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
76	5,069	5,070	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
77	6,111	6,112	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
78	4,651	4,652	<b>11.01</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
79	5,028	5,028	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	6,790	6,791	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
81	6,168	6,168	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
82	6,516	6,517	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
83	7,815	7,815	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
84	7,573	7,573	<b>4.20</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
85	7,912	7,912	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
86	8,230	8,231	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
87	4,657	4,658	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
88	5,712	5,713	<b>8.16</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
89	5,887	5,888	<b>7.74</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
90	6,339	6,339	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
91	6,046	6,046	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
92	6,430	6,430	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
93	7,144	7,144	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
94	3,505	3,505	<b>14.83</b>	105.0	0.00	81.89	-	-	0.00	0.00	-	0.00
95	3,893	3,894	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
96	4,319	4,320	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
97	6,000	6,000	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
98	6,265	6,265	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
99	6,726	6,726	<b>5.87</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
100	6,603	6,604	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00

Sum 24.53

- Data undefined due to calculation with octave data

## Noise sensitive area: H114 H114

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,221	16,221	<b>-6.26</b>	105.0	0.00	95.20	-	-	0.00	0.00	-	0.00
2	16,421	16,421	<b>-6.42</b>	105.0	0.00	95.31	-	-	0.00	0.00	-	0.00
3	15,986	15,986	<b>-6.07</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
4	15,074	15,074	<b>-5.28</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
5	14,856	14,856	<b>-5.09</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
6	15,167	15,167	<b>-5.36</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
7	15,070	15,070	<b>-5.28</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
8	15,105	15,105	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
9	14,399	14,399	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
10	14,459	14,459	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
11	14,727	14,727	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
12	13,797	13,797	<b>-4.09</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
13	14,076	14,076	<b>-4.36</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
14	14,610	14,610	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
15	13,598	13,598	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
16	13,120	13,121	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
17	13,132	13,132	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
18	13,038	13,038	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
19	12,411	12,411	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
20	12,538	12,538	<b>-2.80</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
21	12,645	12,645	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
22	11,992	11,992	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
23	11,201	11,201	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
24	11,323	11,323	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
25	10,772	10,773	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
26	11,215	11,215	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
27	10,913	10,914	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
28	10,331	10,331	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
29	11,093	11,093	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
30	11,008	11,008	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	11,038	11,038	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
32	10,452	10,453	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
33	11,017	11,017	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
34	10,809	10,809	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
35	10,252	10,253	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
36	10,055	10,055	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
37	9,596	9,597	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
38	9,429	9,429	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
39	9,567	9,568	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
40	9,959	9,959	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
41	9,162	9,162	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
42	9,848	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
43	9,731	9,731	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
44	9,426	9,426	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
45	9,074	9,075	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
46	8,665	8,666	<b>2.31</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
47	9,497	9,497	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
48	9,595	9,595	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
49	9,805	9,805	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
50	8,790	8,790	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
51	9,052	9,053	<b>1.70</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
52	9,280	9,280	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
53	10,111	10,111	<b>0.16</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
54	10,549	10,549	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
55	8,547	8,547	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
56	8,174	8,174	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
57	8,204	8,204	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
58	7,985	7,986	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
59	7,671	7,671	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
60	7,697	7,698	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
61	8,091	8,091	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
62	7,311	7,312	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
63	7,346	7,347	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
64	7,932	7,932	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
65	8,281	8,281	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
66	7,525	7,526	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
67	6,101	6,102	<b>7.24</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
68	5,900	5,901	<b>7.71</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
69	5,998	5,999	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
70	6,068	6,069	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
71	6,025	6,026	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
72	5,618	5,619	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
73	5,395	5,396	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
74	4,787	4,788	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
75	4,308	4,309	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
76	4,109	4,110	<b>12.70</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
77	4,119	4,120	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
78	3,302	3,303	<b>15.61</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
79	2,715	2,716	<b>18.08</b>	105.0	0.00	79.68	-	-	0.00	0.00	-	0.00
80	4,114	4,114	<b>12.69</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
81	3,367	3,368	<b>15.35</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
82	3,700	3,701	<b>14.11</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
83	4,937	4,937	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
84	4,629	4,630	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
85	4,964	4,965	<b>10.12</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
86	5,275	5,276	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
87	1,698	1,700	<b>24.11</b>	105.0	0.00	75.61	-	-	0.00	0.00	-	0.00
88	2,820	2,821	<b>17.61</b>	105.0	0.00	80.01	-	-	0.00	0.00	-	0.00
89	2,931	2,932	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	3,387	3,388	<b>15.27</b>	105.0	0.00	81.60	-	-	0.00	0.00	-	0.00
91	3,096	3,097	<b>16.43</b>	105.0	0.00	80.82	-	-	0.00	0.00	-	0.00
92	3,479	3,480	<b>14.92</b>	105.0	0.00	81.83	-	-	0.00	0.00	-	0.00
93	4,190	4,191	<b>12.44</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
94	812	816	<b>32.89</b>	105.0	0.00	69.24	-	-	0.00	0.00	-	0.00
95	1,077	1,080	<b>29.65</b>	105.0	0.00	71.67	-	-	0.00	0.00	-	0.00
96	1,711	1,713	<b>24.01</b>	105.0	0.00	75.68	-	-	0.00	0.00	-	0.00
97	3,278	3,279	<b>15.70</b>	105.0	0.00	81.31	-	-	0.00	0.00	-	0.00
98	3,416	3,417	<b>15.16</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
99	3,850	3,851	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
100	3,873	3,874	<b>13.50</b>	105.0	0.00	82.76	-	-	0.00	0.00	-	0.00

Sum 36.16

- Data undefined due to calculation with octave data

### Noise sensitive area: H115 H115

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,378	17,378	<b>-7.18</b>	105.0	0.00	95.80	-	-	0.00	0.00	-	0.00
2	17,601	17,601	<b>-7.34</b>	105.0	0.00	95.91	-	-	0.00	0.00	-	0.00
3	17,175	17,175	<b>-7.02</b>	105.0	0.00	95.70	-	-	0.00	0.00	-	0.00
4	16,198	16,198	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
5	15,999	15,999	<b>-6.08</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
6	16,356	16,356	<b>-6.37</b>	105.0	0.00	95.27	-	-	0.00	0.00	-	0.00
7	16,279	16,279	<b>-6.31</b>	105.0	0.00	95.23	-	-	0.00	0.00	-	0.00
8	16,339	16,339	<b>-6.36</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
9	15,610	15,611	<b>-5.75</b>	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
10	15,684	15,684	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
11	16,005	16,005	<b>-6.08</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
12	15,060	15,060	<b>-5.27</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
13	15,358	15,359	<b>-5.53</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00
14	15,910	15,910	<b>-6.00</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
15	14,904	14,904	<b>-5.13</b>	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
16	14,374	14,374	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
17	14,429	14,429	<b>-4.70</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
18	14,353	14,353	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
19	13,704	13,704	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
20	13,866	13,866	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
21	13,976	13,976	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
22	13,166	13,166	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
23	12,352	12,353	<b>-2.59</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
24	12,584	12,584	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
25	12,047	12,047	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
26	12,504	12,504	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
27	12,223	12,223	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
28	11,645	11,645	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
29	12,421	12,421	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
30	12,343	12,343	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
31	12,377	12,377	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
32	11,784	11,784	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
33	12,356	12,356	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
34	12,142	12,142	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
35	11,395	11,396	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
36	11,229	11,229	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
37	10,723	10,723	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
38	10,582	10,582	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
39	10,771	10,771	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
40	11,208	11,208	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	10,428	10,428	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
42	11,151	11,152	<b>-1.19</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
43	11,052	11,052	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
44	10,709	10,709	<b>-0.64</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
45	10,374	10,374	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
46	9,950	9,950	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
47	10,831	10,831	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
48	10,933	10,934	<b>-0.92</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
49	11,145	11,145	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
50	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
51	10,393	10,394	<b>-0.22</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
52	10,620	10,620	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
53	11,451	11,451	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
54	11,871	11,871	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
55	9,630	9,630	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
56	9,278	9,279	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
57	9,347	9,348	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
58	9,166	9,166	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
59	8,951	8,951	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
60	8,993	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
61	9,411	9,411	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
62	8,620	8,620	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
63	8,667	8,667	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
64	9,267	9,267	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
65	9,619	9,619	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
66	8,596	8,597	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
67	7,326	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
68	7,103	7,103	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
69	7,255	7,256	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
70	7,349	7,349	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
71	7,333	7,334	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
72	6,942	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
73	6,656	6,657	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
74	5,886	5,886	<b>7.74</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
75	5,464	5,465	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
76	5,313	5,314	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
77	5,460	5,460	<b>8.79</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
78	4,557	4,558	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
79	4,053	4,054	<b>12.89</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
80	5,344	5,344	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
81	4,540	4,541	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
82	4,850	4,851	<b>10.44</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
83	5,989	5,989	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
84	5,551	5,551	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
85	5,861	5,862	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
86	6,125	6,126	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
87	2,622	2,623	<b>18.51</b>	105.0	0.00	79.38	-	-	0.00	0.00	-	0.00
88	3,916	3,917	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
89	3,842	3,843	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
90	4,310	4,310	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
91	3,841	3,841	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
92	4,210	4,211	<b>12.38</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
93	5,074	5,074	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
94	1,264	1,267	<b>27.75</b>	105.0	0.00	73.05	-	-	0.00	0.00	-	0.00
95	1,652	1,654	<b>24.46</b>	105.0	0.00	75.37	-	-	0.00	0.00	-	0.00
96	1,853	1,855	<b>23.00</b>	105.0	0.00	76.36	-	-	0.00	0.00	-	0.00
97	3,506	3,507	<b>14.82</b>	105.0	0.00	81.90	-	-	0.00	0.00	-	0.00
98	3,854	3,854	<b>13.57</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00
99	4,332	4,333	<b>11.99</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
100	4,101	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00

Sum 31.86

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H116 H116

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,306	16,306	<b>-6.33</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
	2	16,491	16,492	<b>-6.48</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
	3	16,050	16,051	<b>-6.12</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00
	4	15,179	15,179	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
	5	14,950	14,950	<b>-5.17</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
	6	15,233	15,233	<b>-5.42</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
	7	15,122	15,123	<b>-5.33</b>	105.0	0.00	94.59	-	-	0.00	0.00	-	0.00
	8	15,138	15,138	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
	9	14,450	14,450	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
	10	14,500	14,500	<b>-4.76</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
	11	14,720	14,720	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
	12	13,806	13,806	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
	13	14,065	14,066	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
	14	14,578	14,578	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
	15	13,558	13,558	<b>-3.86</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
	16	13,138	13,139	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
	17	13,104	13,104	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
	18	12,986	12,986	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
	19	12,390	12,390	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
	20	12,462	12,462	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
	21	12,559	12,559	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
	22	12,071	12,072	<b>-2.28</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
	23	11,295	11,295	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
	24	11,337	11,337	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
	25	10,773	10,774	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
	26	11,200	11,200	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
	27	10,871	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
	28	10,282	10,282	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
	29	11,017	11,017	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
	30	10,914	10,914	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
	31	10,925	10,925	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
	32	10,368	10,368	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
	33	10,860	10,860	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
	34	10,630	10,630	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
	35	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
	36	10,138	10,138	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
	37	9,708	9,709	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	38	9,525	9,526	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
	39	9,630	9,630	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
	40	9,985	9,985	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
	41	9,174	9,174	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
	42	9,816	9,816	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
	43	9,672	9,672	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
	44	9,420	9,421	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	45	9,050	9,050	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
	46	8,659	8,659	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
	47	9,409	9,409	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
	48	9,486	9,486	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
	49	9,682	9,682	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
	50	8,670	8,670	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
	51	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
	52	9,135	9,135	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
	53	9,957	9,958	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
	54	10,348	10,348	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
	55	8,685	8,685	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
	56	8,301	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
	57	8,309	8,310	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
	58	8,068	8,069	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
	59	7,671	7,672	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,679	7,680	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
61	8,036	8,036	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
62	7,278	7,278	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
63	7,292	7,292	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
64	7,841	7,841	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
65	8,177	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
66	7,673	7,673	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
67	6,159	6,160	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
68	5,976	5,977	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
69	6,028	6,029	<b>7.40</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
70	6,074	6,075	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
71	5,995	5,996	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
72	5,563	5,564	<b>8.53</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
73	5,425	5,425	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
74	4,936	4,936	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
75	4,428	4,429	<b>11.69</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
76	4,198	4,199	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
77	4,009	4,009	<b>13.04</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00
78	3,356	3,357	<b>15.39</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
79	2,571	2,572	<b>18.74</b>	105.0	0.00	79.21	-	-	0.00	0.00	-	0.00
80	3,825	3,826	<b>13.67</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
81	3,046	3,046	<b>16.64</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
82	3,370	3,370	<b>15.34</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
83	4,577	4,578	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
84	4,242	4,243	<b>12.27</b>	105.0	0.00	83.55	-	-	0.00	0.00	-	0.00
85	4,574	4,575	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
86	4,880	4,881	<b>10.35</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
87	1,297	1,299	<b>27.45</b>	105.0	0.00	73.27	-	-	0.00	0.00	-	0.00
88	2,466	2,467	<b>19.25</b>	105.0	0.00	78.84	-	-	0.00	0.00	-	0.00
89	2,537	2,538	<b>18.91</b>	105.0	0.00	79.09	-	-	0.00	0.00	-	0.00
90	2,996	2,997	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
91	2,689	2,690	<b>18.20</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
92	3,072	3,073	<b>16.53</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00
93	3,797	3,797	<b>13.77</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
94	587	593	<b>36.43</b>	105.0	0.00	66.46	-	-	0.00	0.00	-	0.00
95	727	732	<b>34.12</b>	105.0	0.00	68.29	-	-	0.00	0.00	-	0.00
96	1,404	1,407	<b>26.47</b>	105.0	0.00	73.97	-	-	0.00	0.00	-	0.00
97	2,903	2,905	<b>17.24</b>	105.0	0.00	80.26	-	-	0.00	0.00	-	0.00
98	3,018	3,019	<b>16.76</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
99	3,448	3,448	<b>15.04</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
100	3,493	3,494	<b>14.87</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00

Sum 39.50

- Data undefined due to calculation with octave data

### Noise sensitive area: H117 H117

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,885	17,885	<b>-7.56</b>	105.0	0.00	96.05	-	-	0.00	0.00	-	0.00
2	18,056	18,056	<b>-7.68</b>	105.0	0.00	96.13	-	-	0.00	0.00	-	0.00
3	17,609	17,609	<b>-7.35</b>	105.0	0.00	95.91	-	-	0.00	0.00	-	0.00
4	16,777	16,777	<b>-6.71</b>	105.0	0.00	95.49	-	-	0.00	0.00	-	0.00
5	16,539	16,539	<b>-6.52</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
6	16,793	16,793	<b>-6.72</b>	105.0	0.00	95.50	-	-	0.00	0.00	-	0.00
7	16,667	16,667	<b>-6.62</b>	105.0	0.00	95.44	-	-	0.00	0.00	-	0.00
8	16,658	16,658	<b>-6.61</b>	105.0	0.00	95.43	-	-	0.00	0.00	-	0.00
9	15,993	15,993	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
10	16,031	16,031	<b>-6.10</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	16,178	16,178	<b>-6.23</b>	105.0	0.00	95.18	-	-	0.00	0.00	-	0.00
12	15,293	15,293	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
13	15,519	15,519	<b>-5.67</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
14	15,992	15,992	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
15	14,959	14,959	<b>-5.18</b>	105.0	0.00	94.50	-	-	0.00	0.00	-	0.00
16	14,640	14,640	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
17	14,529	14,529	<b>-4.79</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
18	14,364	14,364	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
19	13,828	13,828	<b>-4.12</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
20	13,791	13,791	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
21	13,866	13,866	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
22	13,649	13,649	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
23	12,886	12,886	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
24	12,835	12,835	<b>-3.11</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
25	12,254	12,254	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
26	12,653	12,653	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
27	12,276	12,276	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
28	11,677	11,678	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
29	12,353	12,353	<b>-2.59</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
30	12,208	12,208	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
31	12,172	12,172	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
32	11,689	11,689	<b>-1.84</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
33	11,988	11,988	<b>-2.19</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
34	11,689	11,689	<b>-1.84</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
35	11,951	11,951	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
36	11,720	11,720	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
37	11,314	11,314	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
38	11,121	11,121	<b>-1.16</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
39	11,194	11,194	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
40	11,504	11,504	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
41	10,677	10,677	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
42	11,245	11,245	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
43	11,049	11,049	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
44	10,895	10,896	<b>-0.87</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
45	10,495	10,495	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
46	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
47	10,726	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
48	10,755	10,755	<b>-0.70</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
49	10,912	10,912	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
50	9,918	9,918	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
51	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
52	10,313	10,313	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
53	11,101	11,101	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
54	11,333	11,333	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
55	10,305	10,305	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
56	9,917	9,917	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
57	9,912	9,912	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
58	9,654	9,655	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
59	9,164	9,164	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
60	9,143	9,143	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
61	9,432	9,432	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
62	8,718	8,718	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
63	8,694	8,694	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
64	9,165	9,165	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
65	9,468	9,468	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
66	9,297	9,297	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
67	7,729	7,729	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
68	7,561	7,562	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
69	7,569	7,569	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,583	7,583	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
71	7,453	7,453	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
72	6,982	6,982	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
73	6,967	6,968	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
74	6,561	6,562	<b>6.21</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
75	6,045	6,046	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
76	5,800	5,800	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
77	5,352	5,352	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
78	4,940	4,940	<b>10.18</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
79	3,909	3,910	<b>13.38</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
80	4,631	4,631	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
81	3,755	3,755	<b>13.92</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
82	3,994	3,995	<b>13.09</b>	105.0	0.00	83.03	-	-	0.00	0.00	-	0.00
83	4,903	4,903	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
84	4,315	4,315	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
85	4,586	4,587	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
86	4,793	4,794	<b>10.60</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
87	1,776	1,777	<b>23.55</b>	105.0	0.00	75.99	-	-	0.00	0.00	-	0.00
88	3,054	3,055	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
89	2,721	2,722	<b>18.05</b>	105.0	0.00	79.70	-	-	0.00	0.00	-	0.00
90	3,155	3,155	<b>16.19</b>	105.0	0.00	80.98	-	-	0.00	0.00	-	0.00
91	2,536	2,536	<b>18.91</b>	105.0	0.00	79.08	-	-	0.00	0.00	-	0.00
92	2,860	2,861	<b>17.43</b>	105.0	0.00	80.13	-	-	0.00	0.00	-	0.00
93	3,820	3,821	<b>13.69</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
94	1,054	1,057	<b>29.91</b>	105.0	0.00	71.48	-	-	0.00	0.00	-	0.00
95	1,010	1,013	<b>30.41</b>	105.0	0.00	71.11	-	-	0.00	0.00	-	0.00
96	476	482	<b>38.63</b>	105.0	0.00	64.67	-	-	0.00	0.00	-	0.00
97	1,896	1,897	<b>22.71</b>	105.0	0.00	76.56	-	-	0.00	0.00	-	0.00
98	2,316	2,317	<b>20.08</b>	105.0	0.00	78.30	-	-	0.00	0.00	-	0.00
99	2,797	2,798	<b>17.71</b>	105.0	0.00	79.94	-	-	0.00	0.00	-	0.00
100	2,479	2,480	<b>19.18</b>	105.0	0.00	78.89	-	-	0.00	0.00	-	0.00

Sum 40.24

- Data undefined due to calculation with octave data

### Noise sensitive area: H118 H118

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,634	17,634	<b>-7.37</b>	105.0	0.00	95.93	-	-	0.00	0.00	-	0.00
2	17,761	17,761	<b>-7.46</b>	105.0	0.00	95.99	-	-	0.00	0.00	-	0.00
3	17,300	17,300	<b>-7.12</b>	105.0	0.00	95.76	-	-	0.00	0.00	-	0.00
4	16,590	16,590	<b>-6.56</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
5	16,323	16,323	<b>-6.34</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
6	16,492	16,492	<b>-6.48</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
7	16,328	16,329	<b>-6.35</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
8	16,265	16,265	<b>-6.30</b>	105.0	0.00	95.22	-	-	0.00	0.00	-	0.00
9	15,654	15,654	<b>-5.79</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
10	15,664	15,664	<b>-5.80</b>	105.0	0.00	94.90	-	-	0.00	0.00	-	0.00
11	15,678	15,678	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
12	14,843	14,843	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
13	15,014	15,014	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
14	15,427	15,427	<b>-5.59</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
15	14,381	14,381	<b>-4.65</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
16	14,221	14,221	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
17	13,987	13,987	<b>-4.28</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
18	13,758	13,758	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
19	13,310	13,310	<b>-3.61</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
20	13,129	13,129	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	13,179	13,179	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
22	13,410	13,410	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
23	12,696	12,697	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
24	12,421	12,421	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
25	11,814	11,814	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
26	12,165	12,165	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
27	11,720	11,721	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
28	11,114	11,114	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
29	11,710	11,710	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
30	11,519	11,519	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
31	11,435	11,435	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
32	11,033	11,033	<b>-1.05</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
33	11,143	11,143	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
34	10,793	10,793	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
35	11,790	11,791	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
36	11,510	11,510	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
37	11,191	11,191	<b>-1.24</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
38	10,958	10,958	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
39	10,937	10,937	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
40	11,142	11,142	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
41	10,291	10,291	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
42	10,733	10,733	<b>-0.67</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
43	10,469	10,469	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
44	10,458	10,458	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
45	10,014	10,014	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
46	9,710	9,710	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
47	10,076	10,077	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
48	10,052	10,052	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
49	10,170	10,170	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
50	9,203	9,203	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
51	9,387	9,387	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
52	9,528	9,528	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
53	10,277	10,277	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
54	10,387	10,388	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
55	10,268	10,268	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
56	9,857	9,857	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
57	9,791	9,791	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
58	9,476	9,476	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
59	8,778	8,778	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
60	8,709	8,709	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
61	8,895	8,895	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
62	8,254	8,254	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
63	8,177	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
64	8,542	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
65	8,804	8,804	<b>2.08</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
66	9,301	9,301	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
67	7,530	7,530	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
68	7,413	7,413	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
69	7,304	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
70	7,256	7,257	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
71	7,040	7,041	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
72	6,525	6,526	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
73	6,723	6,723	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
74	6,628	6,628	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
75	6,058	6,059	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
76	5,751	5,751	<b>8.07</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
77	4,860	4,861	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
78	4,865	4,865	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
79	3,517	3,517	<b>14.78</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	80	3,717	3,717	<b>14.05</b>	105.0	0.00	82.40	-	-	0.00	0.00	-	0.00
	81	2,847	2,847	<b>17.49</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
	82	3,011	3,011	<b>16.79</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
	83	3,726	3,726	<b>14.02</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
	84	3,072	3,072	<b>16.53</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00
	85	3,323	3,324	<b>15.52</b>	105.0	0.00	81.43	-	-	0.00	0.00	-	0.00
	86	3,510	3,511	<b>14.81</b>	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00
	87	1,272	1,274	<b>27.68</b>	105.0	0.00	73.10	-	-	0.00	0.00	-	0.00
	88	2,157	2,158	<b>21.02</b>	105.0	0.00	77.68	-	-	0.00	0.00	-	0.00
	89	1,631	1,632	<b>24.63</b>	105.0	0.00	75.25	-	-	0.00	0.00	-	0.00
	90	1,999	2,000	<b>22.03</b>	105.0	0.00	77.02	-	-	0.00	0.00	-	0.00
	91	1,308	1,310	<b>27.35</b>	105.0	0.00	73.34	-	-	0.00	0.00	-	0.00
	92	1,593	1,594	<b>24.92</b>	105.0	0.00	75.05	-	-	0.00	0.00	-	0.00
	93	2,578	2,579	<b>18.71</b>	105.0	0.00	79.23	-	-	0.00	0.00	-	0.00
	94	1,747	1,749	<b>23.76</b>	105.0	0.00	75.85	-	-	0.00	0.00	-	0.00
	95	1,393	1,395	<b>26.58</b>	105.0	0.00	73.89	-	-	0.00	0.00	-	0.00
	96	953	957	<b>31.07</b>	105.0	0.00	70.61	-	-	0.00	0.00	-	0.00
	97	818	822	<b>32.81</b>	105.0	0.00	69.30	-	-	0.00	0.00	-	0.00
	98	1,049	1,051	<b>29.97</b>	105.0	0.00	71.43	-	-	0.00	0.00	-	0.00
	99	1,529	1,530	<b>25.44</b>	105.0	0.00	74.69	-	-	0.00	0.00	-	0.00
	100	1,410	1,412	<b>26.43</b>	105.0	0.00	74.00	-	-	0.00	0.00	-	0.00

Sum 39.12

- Data undefined due to calculation with octave data

## Noise sensitive area: H119 H119

		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	19,904	19,905	<b>-8.97</b>	105.0	0.00	96.98	-	-	0.00	0.00	-	0.00
	2	19,934	19,935	<b>-8.99</b>	105.0	0.00	96.99	-	-	0.00	0.00	-	0.00
	3	19,450	19,451	<b>-8.66</b>	105.0	0.00	96.78	-	-	0.00	0.00	-	0.00
	4	19,015	19,015	<b>-8.37</b>	105.0	0.00	96.58	-	-	0.00	0.00	-	0.00
	5	18,691	18,691	<b>-8.14</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
	6	18,675	18,675	<b>-8.13</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
	7	18,431	18,431	<b>-7.95</b>	105.0	0.00	96.31	-	-	0.00	0.00	-	0.00
	8	18,241	18,242	<b>-7.82</b>	105.0	0.00	96.22	-	-	0.00	0.00	-	0.00
	9	17,771	17,772	<b>-7.47</b>	105.0	0.00	95.99	-	-	0.00	0.00	-	0.00
	10	17,717	17,717	<b>-7.43</b>	105.0	0.00	95.97	-	-	0.00	0.00	-	0.00
	11	17,401	17,401	<b>-7.19</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00
	12	16,719	16,719	<b>-6.66</b>	105.0	0.00	95.46	-	-	0.00	0.00	-	0.00
	13	16,744	16,745	<b>-6.68</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00
	14	16,982	16,982	<b>-6.87</b>	105.0	0.00	95.60	-	-	0.00	0.00	-	0.00
	15	15,933	15,933	<b>-6.02</b>	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
	16	16,189	16,189	<b>-6.23</b>	105.0	0.00	95.18	-	-	0.00	0.00	-	0.00
	17	15,651	15,651	<b>-5.78</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
	18	15,256	15,256	<b>-5.44</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
	19	15,059	15,059	<b>-5.27</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
	20	14,489	14,490	<b>-4.75</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
	21	14,461	14,461	<b>-4.73</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
	22	15,798	15,799	<b>-5.91</b>	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00
	23	15,202	15,202	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00
	24	14,461	14,461	<b>-4.73</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
	25	13,816	13,816	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
	26	14,036	14,036	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
	27	13,438	13,439	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
	28	12,841	12,841	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
	29	13,187	13,187	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
	30	12,872	12,872	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	12,643	12,643	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
32	12,510	12,510	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
33	12,008	12,008	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
34	11,487	11,488	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
35	14,377	14,378	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
36	14,013	14,014	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
37	13,865	13,866	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
38	13,569	13,569	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
39	13,368	13,369	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
40	13,348	13,348	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
41	12,484	12,484	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
42	12,609	12,609	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
43	12,184	12,184	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
44	12,528	12,528	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
45	12,005	12,006	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
46	11,846	11,847	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
47	11,627	11,627	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
48	11,450	11,450	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
49	11,438	11,438	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
50	10,628	10,628	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
51	10,691	10,692	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
52	10,706	10,706	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
53	11,272	11,272	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
54	10,913	10,913	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
55	13,116	13,116	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
56	12,681	12,682	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
57	12,517	12,517	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
58	12,116	12,117	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
59	11,056	11,056	<b>-1.08</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
60	10,887	10,888	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
61	10,821	10,821	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
62	10,399	10,399	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
63	10,206	10,206	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
64	10,278	10,279	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
65	10,406	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
66	12,244	12,244	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
67	10,239	10,240	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
68	10,211	10,211	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
69	9,915	9,915	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
70	9,757	9,758	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
71	9,394	9,394	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
72	8,838	8,838	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
73	9,412	9,412	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
74	9,768	9,768	<b>0.64</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
75	9,166	9,167	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
76	8,802	8,802	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
77	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
78	7,957	7,957	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
79	6,376	6,376	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
80	5,429	5,430	<b>8.87</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
81	4,910	4,911	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
82	4,783	4,784	<b>10.63</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
83	4,315	4,315	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
84	3,522	3,523	<b>14.76</b>	105.0	0.00	81.94	-	-	0.00	0.00	-	0.00
85	3,400	3,401	<b>15.22</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
86	3,164	3,165	<b>16.15</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00
87	4,663	4,664	<b>10.98</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
88	4,582	4,582	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
89	3,919	3,920	<b>13.34</b>	105.0	0.00	82.87	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	3,767	3,768	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
91	3,429	3,430	<b>15.11</b>	105.0	0.00	81.71	-	-	0.00	0.00	-	0.00
92	3,157	3,158	<b>16.18</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
93	3,391	3,392	<b>15.26</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
94	5,413	5,413	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
95	5,064	5,065	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
96	4,549	4,551	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
97	2,874	2,875	<b>17.37</b>	105.0	0.00	80.17	-	-	0.00	0.00	-	0.00
98	2,754	2,755	<b>17.90</b>	105.0	0.00	79.80	-	-	0.00	0.00	-	0.00
99	2,408	2,409	<b>19.55</b>	105.0	0.00	78.64	-	-	0.00	0.00	-	0.00
100	2,269	2,271	<b>20.35</b>	105.0	0.00	78.12	-	-	0.00	0.00	-	0.00

Sum 28.63

- Data undefined due to calculation with octave data

### Noise sensitive area: H147 H147

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,701	17,701	<b>-7.42</b>	105.0	0.00	95.96	-	-	0.00	0.00	-	0.00
2	17,711	17,712	<b>-7.43</b>	105.0	0.00	95.97	-	-	0.00	0.00	-	0.00
3	17,225	17,225	<b>-7.06</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
4	16,853	16,853	<b>-6.77</b>	105.0	0.00	95.53	-	-	0.00	0.00	-	0.00
5	16,515	16,515	<b>-6.50</b>	105.0	0.00	95.36	-	-	0.00	0.00	-	0.00
6	16,458	16,458	<b>-6.45</b>	105.0	0.00	95.33	-	-	0.00	0.00	-	0.00
7	16,199	16,199	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
8	15,991	15,991	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
9	15,545	15,545	<b>-5.69</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00
10	15,480	15,480	<b>-5.64</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
11	15,125	15,125	<b>-5.33</b>	105.0	0.00	94.59	-	-	0.00	0.00	-	0.00
12	14,459	14,460	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
13	14,470	14,470	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
14	14,696	14,696	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
15	13,648	13,649	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
16	13,944	13,944	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
17	13,373	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
18	12,969	12,969	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
19	12,790	12,791	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
20	12,200	12,200	<b>-2.42</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
21	12,171	12,171	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
22	13,643	13,643	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
23	13,085	13,086	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
24	12,235	12,235	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
25	11,587	11,587	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
26	11,785	11,785	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
27	11,172	11,172	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
28	10,578	10,578	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
29	10,903	10,903	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
30	10,583	10,583	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
31	10,353	10,353	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
32	10,227	10,227	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
33	9,729	9,729	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
34	9,222	9,222	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
35	12,296	12,296	<b>-2.53</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
36	11,907	11,907	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
37	11,823	11,823	<b>-2.00</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
38	11,505	11,505	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
39	11,245	11,246	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
40	11,164	11,164	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00

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Project:

**20162030 Westwood Red Pine**

Licensed user:

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 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	10,305	10,305	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
42	10,367	10,367	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
43	9,923	9,923	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
44	10,321	10,321	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
45	9,787	9,788	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
46	9,661	9,661	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
47	9,352	9,352	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
48	9,165	9,166	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
49	9,149	9,149	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
50	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
51	8,405	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
52	8,416	8,416	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
53	8,984	8,984	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
54	8,664	8,664	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
55	11,161	11,161	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
56	10,722	10,722	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
57	10,515	10,515	<b>-0.38</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
58	10,084	10,084	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
59	8,917	8,917	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
60	8,724	8,724	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
61	8,602	8,603	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
62	8,235	8,235	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
63	8,017	8,017	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
64	8,034	8,034	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
65	8,143	8,144	<b>3.18</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
66	10,353	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
67	8,275	8,276	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
68	8,290	8,290	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
69	7,916	7,917	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
70	7,719	7,719	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
71	7,313	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
72	6,759	6,759	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
73	7,463	7,463	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
74	8,068	8,068	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
75	7,466	7,467	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
76	7,078	7,079	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
77	5,359	5,360	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
78	6,307	6,307	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
79	4,705	4,706	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
80	3,357	3,357	<b>15.39</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
81	3,061	3,062	<b>16.58</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
82	2,832	2,833	<b>17.56</b>	105.0	0.00	80.05	-	-	0.00	0.00	-	0.00
83	2,066	2,067	<b>21.59</b>	105.0	0.00	77.31	-	-	0.00	0.00	-	0.00
84	1,366	1,368	<b>26.81</b>	105.0	0.00	73.72	-	-	0.00	0.00	-	0.00
85	1,154	1,157	<b>28.84</b>	105.0	0.00	72.26	-	-	0.00	0.00	-	0.00
86	875	879	<b>32.04</b>	105.0	0.00	69.88	-	-	0.00	0.00	-	0.00
87	3,695	3,696	<b>14.13</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
88	3,002	3,003	<b>16.82</b>	105.0	0.00	80.55	-	-	0.00	0.00	-	0.00
89	2,538	2,539	<b>18.90</b>	105.0	0.00	79.09	-	-	0.00	0.00	-	0.00
90	2,166	2,167	<b>20.97</b>	105.0	0.00	77.72	-	-	0.00	0.00	-	0.00
91	2,292	2,293	<b>20.22</b>	105.0	0.00	78.21	-	-	0.00	0.00	-	0.00
92	1,908	1,910	<b>22.62</b>	105.0	0.00	76.62	-	-	0.00	0.00	-	0.00
93	1,461	1,463	<b>25.99</b>	105.0	0.00	74.31	-	-	0.00	0.00	-	0.00
94	4,879	4,879	<b>10.36</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
95	4,477	4,478	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
96	4,245	4,246	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
97	2,841	2,842	<b>17.51</b>	105.0	0.00	80.07	-	-	0.00	0.00	-	0.00
98	2,300	2,301	<b>20.17</b>	105.0	0.00	78.24	-	-	0.00	0.00	-	0.00
99	1,832	1,833	<b>23.15</b>	105.0	0.00	76.27	-	-	0.00	0.00	-	0.00
100	2,456	2,458	<b>19.29</b>	105.0	0.00	78.81	-	-	0.00	0.00	-	0.00

Sum 36.71

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H148 H148

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	16,989	16,989	<b>-6.88</b>	105.0	0.00	95.60	-	-	0.00	0.00	-	0.00
	2	17,008	17,008	<b>-6.89</b>	105.0	0.00	95.61	-	-	0.00	0.00	-	0.00
	3	16,522	16,523	<b>-6.51</b>	105.0	0.00	95.36	-	-	0.00	0.00	-	0.00
	4	16,127	16,127	<b>-6.18</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
	5	15,793	15,793	<b>-5.90</b>	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00
	6	15,751	15,751	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
	7	15,500	15,500	<b>-5.65</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
	8	15,304	15,304	<b>-5.48</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00
	9	14,843	14,843	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
	10	14,784	14,784	<b>-5.02</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
	11	14,465	14,466	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
	12	13,780	13,780	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
	13	13,808	13,808	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
	14	14,057	14,057	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
	15	13,007	13,007	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
	16	13,253	13,253	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
	17	12,716	12,716	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
	18	12,333	12,333	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
	19	12,121	12,121	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
	20	11,580	11,580	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
	21	11,562	11,562	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
	22	12,914	12,915	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
	23	12,348	12,349	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
	24	11,532	11,533	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
	25	10,886	10,886	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
	26	11,098	11,098	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
	27	10,500	10,500	<b>-0.37</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
	28	9,902	9,902	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
	29	10,261	10,261	<b>-0.05</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
	30	9,957	9,957	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
	31	9,747	9,747	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
	32	9,581	9,581	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
	33	9,177	9,177	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
	34	8,697	8,697	<b>2.26</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
	35	11,554	11,554	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
	36	11,168	11,168	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
	37	11,077	11,077	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
	38	10,761	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
	39	10,509	10,509	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
	40	10,443	10,443	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
	41	9,582	9,582	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
	42	9,674	9,674	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
	43	9,246	9,246	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
	44	9,609	9,609	<b>0.86</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
	45	9,080	9,080	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
	46	8,940	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
	47	8,691	8,692	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
	48	8,525	8,525	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
	49	8,527	8,527	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
	50	7,697	7,697	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
	51	7,772	7,772	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
	52	7,802	7,802	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
	53	8,405	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
	54	8,168	8,168	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
	55	10,412	10,412	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
	56	9,972	9,973	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
	57	9,766	9,766	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
	58	9,337	9,337	<b>1.26</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
	59	8,183	8,183	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,995	7,996	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
61	7,895	7,895	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
62	7,506	7,507	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
63	7,296	7,296	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
64	7,342	7,342	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
65	7,468	7,468	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
66	9,605	9,605	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
67	7,526	7,526	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
68	7,541	7,542	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
69	7,167	7,167	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
70	6,971	6,972	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
71	6,568	6,569	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
72	6,014	6,014	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
73	6,714	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
74	7,339	7,339	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
75	6,739	6,739	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
76	6,348	6,349	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
77	4,611	4,611	<b>11.14</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
78	5,591	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
79	3,997	3,998	<b>13.08</b>	105.0	0.00	83.04	-	-	0.00	0.00	-	0.00
80	2,608	2,608	<b>18.58</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
81	2,337	2,338	<b>19.96</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
82	2,092	2,093	<b>21.43</b>	105.0	0.00	77.41	-	-	0.00	0.00	-	0.00
83	1,377	1,378	<b>26.73</b>	105.0	0.00	73.79	-	-	0.00	0.00	-	0.00
84	618	622	<b>35.91</b>	105.0	0.00	66.87	-	-	0.00	0.00	-	0.00
85	471	476	<b>38.78</b>	105.0	0.00	64.55	-	-	0.00	0.00	-	0.00
86	441	447	<b>39.43</b>	105.0	0.00	64.00	-	-	0.00	0.00	-	0.00
87	3,218	3,219	<b>15.94</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
88	2,353	2,354	<b>19.86</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
89	1,992	1,993	<b>22.07</b>	105.0	0.00	76.99	-	-	0.00	0.00	-	0.00
90	1,564	1,565	<b>25.15</b>	105.0	0.00	74.89	-	-	0.00	0.00	-	0.00
91	1,882	1,883	<b>22.80</b>	105.0	0.00	76.50	-	-	0.00	0.00	-	0.00
92	1,518	1,519	<b>25.52</b>	105.0	0.00	74.63	-	-	0.00	0.00	-	0.00
93	780	783	<b>33.36</b>	105.0	0.00	68.88	-	-	0.00	0.00	-	0.00
94	4,489	4,490	<b>11.50</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
95	4,087	4,088	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
96	3,962	3,963	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
97	2,788	2,789	<b>17.75</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
98	2,185	2,186	<b>20.86</b>	105.0	0.00	77.79	-	-	0.00	0.00	-	0.00
99	1,791	1,792	<b>23.44</b>	105.0	0.00	76.07	-	-	0.00	0.00	-	0.00
100	2,549	2,550	<b>18.85</b>	105.0	0.00	79.13	-	-	0.00	0.00	-	0.00

Sum 43.98

- Data undefined due to calculation with octave data

### Noise sensitive area: H149 H149

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,721	16,721	<b>-6.66</b>	105.0	0.00	95.47	-	-	0.00	0.00	-	0.00
2	16,779	16,780	<b>-6.71</b>	105.0	0.00	95.50	-	-	0.00	0.00	-	0.00
3	16,301	16,301	<b>-6.33</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
4	15,792	15,793	<b>-5.90</b>	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00
5	15,480	15,480	<b>-5.64</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
6	15,514	15,514	<b>-5.67</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
7	15,294	15,294	<b>-5.48</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
8	15,146	15,146	<b>-5.35</b>	105.0	0.00	94.61	-	-	0.00	0.00	-	0.00
9	14,627	14,628	<b>-4.88</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
10	14,594	14,594	<b>-4.85</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	14,402	14,402	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
12	13,655	13,655	<b>-3.95</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
13	13,739	13,739	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
14	14,055	14,055	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
15	13,002	13,002	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
16	13,088	13,089	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
17	12,668	12,668	<b>-2.94</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
18	12,346	12,346	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
19	12,036	12,036	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
20	11,641	11,641	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
21	11,653	11,653	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
22	12,575	12,576	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
23	11,955	11,955	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
24	11,327	11,327	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
25	10,690	10,691	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
26	10,958	10,958	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
27	10,417	10,417	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
28	9,810	9,810	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
29	10,270	10,271	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
30	10,013	10,013	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
31	9,857	9,857	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
32	9,586	9,587	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
33	9,413	9,413	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
34	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
35	11,117	11,118	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
36	10,764	10,764	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
37	10,596	10,596	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
38	10,304	10,305	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
39	10,128	10,129	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
40	10,158	10,158	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
41	9,292	9,293	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
42	9,519	9,519	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
43	9,152	9,152	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
44	9,372	9,372	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
45	8,869	8,870	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
46	8,666	8,666	<b>2.31</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
47	8,660	8,660	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
48	8,553	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
49	8,606	8,607	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
50	7,706	7,706	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
51	7,831	7,831	<b>3.73</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
52	7,912	7,912	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
53	8,590	8,590	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
54	8,525	8,525	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
55	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
56	9,409	9,409	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
57	9,244	9,245	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
58	8,847	8,847	<b>2.02</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
59	7,834	7,834	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
60	7,687	7,688	<b>3.99</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
61	7,695	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
62	7,203	7,203	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
63	7,040	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
64	7,215	7,215	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
65	7,400	7,400	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
66	8,981	8,981	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
67	6,966	6,966	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
68	6,940	6,941	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
69	6,643	6,643	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,492	6,493	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
71	6,145	6,146	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
72	5,591	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
73	6,138	6,139	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
74	6,570	6,571	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
75	5,966	5,966	<b>7.55</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
76	5,588	5,589	<b>8.47</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
77	4,043	4,044	<b>12.93</b>	105.0	0.00	83.14	-	-	0.00	0.00	-	0.00
78	4,777	4,777	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
79	3,172	3,173	<b>16.12</b>	105.0	0.00	81.03	-	-	0.00	0.00	-	0.00
80	2,232	2,233	<b>20.57</b>	105.0	0.00	77.98	-	-	0.00	0.00	-	0.00
81	1,637	1,639	<b>24.58</b>	105.0	0.00	75.29	-	-	0.00	0.00	-	0.00
82	1,532	1,534	<b>25.40</b>	105.0	0.00	74.72	-	-	0.00	0.00	-	0.00
83	1,657	1,658	<b>24.43</b>	105.0	0.00	75.39	-	-	0.00	0.00	-	0.00
84	939	943	<b>31.23</b>	105.0	0.00	70.49	-	-	0.00	0.00	-	0.00
85	1,207	1,210	<b>28.30</b>	105.0	0.00	72.66	-	-	0.00	0.00	-	0.00
86	1,458	1,460	<b>26.01</b>	105.0	0.00	74.29	-	-	0.00	0.00	-	0.00
87	2,143	2,144	<b>21.11</b>	105.0	0.00	77.63	-	-	0.00	0.00	-	0.00
88	1,404	1,407	<b>26.47</b>	105.0	0.00	73.97	-	-	0.00	0.00	-	0.00
89	926	930	<b>31.40</b>	105.0	0.00	70.37	-	-	0.00	0.00	-	0.00
90	552	557	<b>37.10</b>	105.0	0.00	65.92	-	-	0.00	0.00	-	0.00
91	848	852	<b>32.40</b>	105.0	0.00	69.61	-	-	0.00	0.00	-	0.00
92	550	556	<b>37.12</b>	105.0	0.00	65.90	-	-	0.00	0.00	-	0.00
93	447	455	<b>39.24</b>	105.0	0.00	64.17	-	-	0.00	0.00	-	0.00
94	3,425	3,426	<b>15.13</b>	105.0	0.00	81.70	-	-	0.00	0.00	-	0.00
95	3,025	3,026	<b>16.73</b>	105.0	0.00	80.62	-	-	0.00	0.00	-	0.00
96	2,953	2,955	<b>17.03</b>	105.0	0.00	80.41	-	-	0.00	0.00	-	0.00
97	2,054	2,056	<b>21.66</b>	105.0	0.00	77.26	-	-	0.00	0.00	-	0.00
98	1,448	1,451	<b>26.09</b>	105.0	0.00	74.23	-	-	0.00	0.00	-	0.00
99	1,252	1,255	<b>27.87</b>	105.0	0.00	72.97	-	-	0.00	0.00	-	0.00
100	2,036	2,038	<b>21.78</b>	105.0	0.00	77.18	-	-	0.00	0.00	-	0.00

Sum 44.38

- Data undefined due to calculation with octave data

### Noise sensitive area: H150 H150

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,134	16,134	<b>-6.19</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
2	16,193	16,193	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
3	15,715	15,716	<b>-5.84</b>	105.0	0.00	94.93	-	-	0.00	0.00	-	0.00
4	15,204	15,205	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00
5	14,892	14,892	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
6	14,927	14,927	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
7	14,709	14,709	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
8	14,565	14,565	<b>-4.82</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
9	14,042	14,042	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
10	14,010	14,010	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
11	13,831	13,832	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
12	13,077	13,077	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
13	13,168	13,169	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
14	13,495	13,495	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
15	12,442	12,442	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
16	12,507	12,507	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
17	12,100	12,101	<b>-2.31</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
18	11,789	11,789	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
19	11,464	11,464	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
20	11,094	11,095	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,112	11,112	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
22	11,987	11,987	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
23	11,368	11,369	<b>-1.46</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
24	10,743	10,743	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
25	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
26	10,380	10,381	<b>-0.21</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
27	9,846	9,846	<b>0.53</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
28	9,239	9,239	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
29	9,715	9,715	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
30	9,467	9,468	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
31	9,324	9,324	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
32	9,031	9,031	<b>1.73</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
33	8,915	8,915	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
34	8,516	8,516	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
35	10,533	10,533	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
36	10,177	10,177	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
37	10,015	10,015	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
38	9,721	9,722	<b>0.70</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
39	9,541	9,541	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
40	9,571	9,571	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
41	8,705	8,705	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
42	8,940	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
43	8,581	8,582	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
44	8,787	8,787	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
45	8,286	8,287	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
46	8,079	8,079	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
47	8,099	8,099	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
48	8,004	8,004	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
49	8,068	8,069	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
50	7,155	7,155	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
51	7,290	7,290	<b>4.73</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
52	7,383	7,383	<b>4.55</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
53	8,079	8,079	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
54	8,070	8,070	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
55	9,274	9,275	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
56	8,838	8,839	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
57	8,667	8,668	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
58	8,266	8,267	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
59	7,246	7,246	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
60	7,100	7,100	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
61	7,113	7,114	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
62	6,616	6,616	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
63	6,455	6,455	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
64	6,642	6,643	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
65	6,836	6,836	<b>5.64</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
66	8,422	8,422	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
67	6,393	6,393	<b>6.58</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
68	6,374	6,375	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
69	6,064	6,065	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
70	5,909	5,910	<b>7.68</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
71	5,558	5,559	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
72	5,003	5,004	<b>10.01</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
73	5,567	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
74	6,053	6,054	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
75	5,449	5,450	<b>8.82</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
76	5,066	5,067	<b>9.83</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
77	3,466	3,467	<b>14.97</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
78	4,277	4,278	<b>12.16</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
79	2,673	2,674	<b>18.27</b>	105.0	0.00	79.54	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	1,650	1,651	<b>24.48</b>	105.0	0.00	75.36	-	-	0.00	0.00	-	0.00
81	1,069	1,072	<b>29.74</b>	105.0	0.00	71.61	-	-	0.00	0.00	-	0.00
82	944	947	<b>31.18</b>	105.0	0.00	70.53	-	-	0.00	0.00	-	0.00
83	1,350	1,352	<b>26.96</b>	105.0	0.00	73.62	-	-	0.00	0.00	-	0.00
84	925	929	<b>31.41</b>	105.0	0.00	70.36	-	-	0.00	0.00	-	0.00
85	1,270	1,273	<b>27.70</b>	105.0	0.00	73.09	-	-	0.00	0.00	-	0.00
86	1,619	1,622	<b>24.71</b>	105.0	0.00	75.20	-	-	0.00	0.00	-	0.00
87	2,069	2,070	<b>21.57</b>	105.0	0.00	77.32	-	-	0.00	0.00	-	0.00
88	1,005	1,009	<b>30.45</b>	105.0	0.00	71.08	-	-	0.00	0.00	-	0.00
89	847	851	<b>32.41</b>	105.0	0.00	69.60	-	-	0.00	0.00	-	0.00
90	399	406	<b>40.43</b>	105.0	0.00	63.17	-	-	0.00	0.00	-	0.00
91	1,104	1,107	<b>29.36</b>	105.0	0.00	71.88	-	-	0.00	0.00	-	0.00
92	982	985	<b>30.73</b>	105.0	0.00	70.87	-	-	0.00	0.00	-	0.00
93	579	585	<b>36.57</b>	105.0	0.00	66.34	-	-	0.00	0.00	-	0.00
94	3,418	3,419	<b>15.15</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
95	3,033	3,034	<b>16.69</b>	105.0	0.00	80.64	-	-	0.00	0.00	-	0.00
96	3,095	3,096	<b>16.43</b>	105.0	0.00	80.82	-	-	0.00	0.00	-	0.00
97	2,486	2,488	<b>19.15</b>	105.0	0.00	78.92	-	-	0.00	0.00	-	0.00
98	1,914	1,916	<b>22.58</b>	105.0	0.00	76.65	-	-	0.00	0.00	-	0.00
99	1,801	1,802	<b>23.37</b>	105.0	0.00	76.12	-	-	0.00	0.00	-	0.00
100	2,558	2,560	<b>18.80</b>	105.0	0.00	79.16	-	-	0.00	0.00	-	0.00

Sum 44.29

- Data undefined due to calculation with octave data

### Noise sensitive area: H151 H151

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,320	16,320	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
2	16,481	16,481	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
3	16,031	16,032	<b>-6.10</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
4	15,228	15,228	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
5	14,982	14,982	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
6	15,217	15,217	<b>-5.41</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
7	15,084	15,085	<b>-5.29</b>	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
8	15,069	15,069	<b>-5.28</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
9	14,410	14,410	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
10	14,444	14,445	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
11	14,586	14,587	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
12	13,700	13,700	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
13	13,928	13,928	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
14	14,406	14,406	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
15	13,375	13,375	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
16	13,049	13,049	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
17	12,941	12,941	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
18	12,784	12,784	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
19	12,238	12,238	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
20	12,224	12,224	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
21	12,307	12,307	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
22	12,084	12,084	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
23	11,334	11,334	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
24	11,243	11,244	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
25	10,662	10,662	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
26	11,062	11,062	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
27	10,690	10,690	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
28	10,093	10,093	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
29	10,784	10,784	<b>-0.73</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
30	10,652	10,652	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,633	10,634	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
32	10,123	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
33	10,503	10,503	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
34	10,239	10,239	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
35	10,406	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
36	10,160	10,161	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
37	9,781	9,782	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
38	9,574	9,575	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
39	9,622	9,623	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
40	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
41	9,086	9,087	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
42	9,655	9,656	<b>0.80</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
43	9,468	9,468	<b>1.07</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
44	9,303	9,303	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
45	8,903	8,903	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
46	8,543	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
47	9,161	9,161	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
48	9,206	9,206	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
49	9,379	9,379	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
50	8,376	8,376	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
51	8,608	8,608	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
52	8,801	8,802	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
53	9,607	9,607	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
54	9,924	9,924	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
55	8,805	8,805	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
56	8,406	8,407	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
57	8,377	8,378	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
58	8,101	8,101	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
59	7,573	7,573	<b>4.20</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
60	7,550	7,551	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
61	7,846	7,846	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
62	7,126	7,126	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
63	7,106	7,107	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
64	7,596	7,596	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
65	7,910	7,910	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
66	7,814	7,814	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
67	6,165	6,166	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
68	6,012	6,012	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
69	5,990	5,990	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
70	5,995	5,996	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
71	5,860	5,861	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
72	5,391	5,392	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
73	5,391	5,392	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
74	5,102	5,103	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
75	4,555	4,556	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
76	4,279	4,280	<b>12.16</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
77	3,770	3,771	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
78	3,402	3,403	<b>15.22</b>	105.0	0.00	81.64	-	-	0.00	0.00	-	0.00
79	2,322	2,324	<b>20.04</b>	105.0	0.00	78.32	-	-	0.00	0.00	-	0.00
80	3,303	3,303	<b>15.60</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
81	2,480	2,481	<b>19.18</b>	105.0	0.00	78.89	-	-	0.00	0.00	-	0.00
82	2,787	2,788	<b>17.75</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
83	3,950	3,951	<b>13.24</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
84	3,588	3,589	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
85	3,919	3,919	<b>13.34</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
86	4,222	4,223	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
87	639	644	<b>35.53</b>	105.0	0.00	67.17	-	-	0.00	0.00	-	0.00
88	1,856	1,858	<b>22.98</b>	105.0	0.00	76.38	-	-	0.00	0.00	-	0.00
89	1,879	1,881	<b>22.82</b>	105.0	0.00	76.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	2,341	2,342	<b>19.93</b>	105.0	0.00	78.39	-	-	0.00	0.00	-	0.00
91	2,040	2,041	<b>21.76</b>	105.0	0.00	77.20	-	-	0.00	0.00	-	0.00
92	2,422	2,423	<b>19.48</b>	105.0	0.00	78.69	-	-	0.00	0.00	-	0.00
93	3,139	3,140	<b>16.25</b>	105.0	0.00	80.94	-	-	0.00	0.00	-	0.00
94	840	845	<b>32.50</b>	105.0	0.00	69.53	-	-	0.00	0.00	-	0.00
95	599	606	<b>36.19</b>	105.0	0.00	66.65	-	-	0.00	0.00	-	0.00
96	1,207	1,211	<b>28.29</b>	105.0	0.00	72.67	-	-	0.00	0.00	-	0.00
97	2,414	2,416	<b>19.52</b>	105.0	0.00	78.66	-	-	0.00	0.00	-	0.00
98	2,442	2,443	<b>19.37</b>	105.0	0.00	78.76	-	-	0.00	0.00	-	0.00
99	2,847	2,848	<b>17.49</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
100	2,978	2,979	<b>16.92</b>	105.0	0.00	80.48	-	-	0.00	0.00	-	0.00

Sum 40.73

- Data undefined due to calculation with octave data

## Noise sensitive area: H152 H152

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,991	15,991	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
2	16,182	16,182	<b>-6.23</b>	105.0	0.00	95.18	-	-	0.00	0.00	-	0.00
3	15,743	15,743	<b>-5.86</b>	105.0	0.00	94.94	-	-	0.00	0.00	-	0.00
4	14,858	14,858	<b>-5.09</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
5	14,632	14,633	<b>-4.88</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
6	14,925	14,925	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
7	14,820	14,820	<b>-5.05</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
8	14,843	14,844	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
9	14,148	14,148	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
10	14,202	14,202	<b>-4.48</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
11	14,444	14,444	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
12	13,522	13,522	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
13	13,791	13,791	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
14	14,315	14,315	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
15	13,299	13,299	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
16	12,850	12,850	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
17	12,838	12,839	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
18	12,734	12,734	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
19	12,121	12,121	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
20	12,224	12,224	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
21	12,327	12,327	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
22	11,759	11,759	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
23	10,977	10,977	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
24	11,050	11,051	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
25	10,493	10,493	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
26	10,928	10,928	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
27	10,613	10,613	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
28	10,028	10,028	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
29	10,779	10,779	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
30	10,687	10,687	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
31	10,711	10,711	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
32	10,135	10,135	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
33	10,679	10,679	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
34	10,467	10,467	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
35	10,033	10,034	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
36	9,823	9,824	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
37	9,385	9,385	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
38	9,206	9,207	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
39	9,323	9,323	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
40	9,692	9,693	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	8,888	8,888	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
42	9,552	9,553	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
43	9,423	9,423	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
44	9,143	9,143	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
45	8,782	8,782	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
46	8,381	8,382	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
47	9,179	9,179	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
48	9,269	9,269	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
49	9,475	9,475	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
50	8,461	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
51	8,720	8,720	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
52	8,944	8,944	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
53	9,774	9,774	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
54	10,204	10,204	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
55	8,354	8,355	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
56	7,973	7,974	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
57	7,987	7,988	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
58	7,753	7,754	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
59	7,390	7,390	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
60	7,408	7,408	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
61	7,785	7,785	<b>3.81</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
62	7,014	7,015	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
63	7,040	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
64	7,612	7,612	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
65	7,957	7,957	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
66	7,340	7,340	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
67	5,853	5,853	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
68	5,663	5,663	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
69	5,733	5,734	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
70	5,790	5,790	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
71	5,729	5,730	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
72	5,311	5,312	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
73	5,129	5,130	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
74	4,602	4,603	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
75	4,100	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
76	3,879	3,880	<b>13.48</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
77	3,791	3,792	<b>13.79</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
78	3,048	3,049	<b>16.63</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
79	2,376	2,377	<b>19.73</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
80	3,772	3,772	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
81	3,037	3,038	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
82	3,373	3,374	<b>15.33</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
83	4,627	4,627	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
84	4,351	4,352	<b>11.93</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
85	4,690	4,691	<b>10.90</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
86	5,011	5,012	<b>9.98</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
87	1,470	1,472	<b>25.91</b>	105.0	0.00	74.36	-	-	0.00	0.00	-	0.00
88	2,511	2,512	<b>19.03</b>	105.0	0.00	79.00	-	-	0.00	0.00	-	0.00
89	2,671	2,673	<b>18.28</b>	105.0	0.00	79.54	-	-	0.00	0.00	-	0.00
90	3,118	3,119	<b>16.34</b>	105.0	0.00	80.88	-	-	0.00	0.00	-	0.00
91	2,881	2,882	<b>17.34</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
92	3,261	3,262	<b>15.76</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
93	3,924	3,925	<b>13.33</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
94	919	923	<b>31.49</b>	105.0	0.00	70.30	-	-	0.00	0.00	-	0.00
95	1,059	1,063	<b>29.84</b>	105.0	0.00	71.53	-	-	0.00	0.00	-	0.00
96	1,743	1,746	<b>23.77</b>	105.0	0.00	75.84	-	-	0.00	0.00	-	0.00
97	3,204	3,206	<b>15.99</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
98	3,282	3,283	<b>15.68</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
99	3,696	3,697	<b>14.13</b>	105.0	0.00	82.36	-	-	0.00	0.00	-	0.00
100	3,787	3,788	<b>13.80</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00

Sum 35.95

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H153 H153

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	14,019	14,019	<b>-4.31</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
	2	14,250	14,250	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
	3	13,829	13,829	<b>-4.12</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
	4	12,836	12,836	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
	5	12,638	12,638	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
	6	13,010	13,010	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
	7	12,946	12,946	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
	8	13,032	13,032	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
	9	12,281	12,281	<b>-2.52</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
	10	12,367	12,367	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
	11	12,780	12,780	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
	12	11,802	11,802	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
	13	12,145	12,145	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
	14	12,750	12,750	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
	15	11,775	11,775	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
	16	11,101	11,101	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
	17	11,268	11,268	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
	18	11,270	11,270	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
	19	10,531	10,531	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
	20	10,873	10,873	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
	21	11,020	11,020	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
	22	9,814	9,814	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
	23	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
	24	9,332	9,332	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
	25	8,828	8,828	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
	26	9,323	9,323	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
	27	9,129	9,129	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
	28	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
	29	9,446	9,446	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
	30	9,446	9,446	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
	31	9,567	9,567	<b>0.93</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
	32	8,855	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
	33	9,773	9,773	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
	34	9,697	9,697	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
	35	8,035	8,036	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
	36	7,879	7,880	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
	37	7,361	7,361	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
	38	7,225	7,225	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
	39	7,445	7,445	<b>4.44</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
	40	7,940	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
	41	7,199	7,199	<b>4.91</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
	42	8,038	8,038	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
	43	8,036	8,036	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
	44	7,523	7,523	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
	45	7,251	7,251	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
	46	6,778	6,779	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
	47	7,938	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
	48	8,132	8,132	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	49	8,409	8,409	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	50	7,406	7,406	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
	51	7,721	7,721	<b>3.92</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	52	8,010	8,010	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	53	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
	54	9,577	9,577	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
	55	6,272	6,272	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
	56	5,917	5,917	<b>7.67</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
	57	5,989	5,990	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
	58	5,826	5,826	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
	59	5,779	5,780	<b>8.00</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	5,879	5,880	<b>7.76</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
61	6,419	6,419	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
62	5,572	5,572	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
63	5,698	5,699	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
64	6,432	6,432	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
65	6,834	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
66	5,241	5,241	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
67	4,050	4,051	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
68	3,798	3,799	<b>13.76</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
69	4,050	4,051	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
70	4,214	4,214	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
71	4,327	4,328	<b>12.00</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
72	4,069	4,070	<b>12.84</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
73	3,480	3,481	<b>14.92</b>	105.0	0.00	81.83	-	-	0.00	0.00	-	0.00
74	2,524	2,525	<b>18.97</b>	105.0	0.00	79.05	-	-	0.00	0.00	-	0.00
75	2,132	2,134	<b>21.17</b>	105.0	0.00	77.58	-	-	0.00	0.00	-	0.00
76	2,053	2,055	<b>21.67</b>	105.0	0.00	77.25	-	-	0.00	0.00	-	0.00
77	3,062	3,063	<b>16.57</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
78	1,532	1,534	<b>25.41</b>	105.0	0.00	74.71	-	-	0.00	0.00	-	0.00
79	2,296	2,297	<b>20.20</b>	105.0	0.00	78.22	-	-	0.00	0.00	-	0.00
80	4,201	4,201	<b>12.41</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
81	3,853	3,853	<b>13.57</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00
82	4,190	4,190	<b>12.44</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
83	5,523	5,524	<b>8.63</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
84	5,573	5,573	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
85	5,918	5,919	<b>7.66</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
86	6,293	6,293	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
87	3,318	3,319	<b>15.54</b>	105.0	0.00	81.42	-	-	0.00	0.00	-	0.00
88	3,696	3,697	<b>14.13</b>	105.0	0.00	82.36	-	-	0.00	0.00	-	0.00
89	4,190	4,190	<b>12.44</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
90	4,525	4,525	<b>11.39</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
91	4,590	4,591	<b>11.20</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
92	4,927	4,927	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
93	5,269	5,269	<b>9.29</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
94	3,108	3,109	<b>16.38</b>	105.0	0.00	80.85	-	-	0.00	0.00	-	0.00
95	3,254	3,255	<b>15.79</b>	105.0	0.00	81.25	-	-	0.00	0.00	-	0.00
96	3,945	3,946	<b>13.26</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
97	5,284	5,285	<b>9.25</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
98	5,229	5,230	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
99	5,567	5,568	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
100	5,828	5,828	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00

Sum 31.73

- Data undefined due to calculation with octave data

### Noise sensitive area: H154 H154

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,328	15,328	<b>-5.51</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
2	15,591	15,591	<b>-5.73</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
3	15,185	15,185	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
4	14,101	14,101	<b>-4.39</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
5	13,931	13,932	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
6	14,369	14,369	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
7	14,333	14,333	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
8	14,455	14,455	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
9	13,675	13,675	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
10	13,779	13,779	<b>-4.08</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	14,265	14,265	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
12	13,270	13,270	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
13	13,638	13,638	<b>-3.94</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
14	14,265	14,265	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
15	13,302	13,302	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
16	12,559	12,559	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
17	12,785	12,785	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
18	12,808	12,808	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
19	12,045	12,045	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
20	12,427	12,427	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
21	12,578	12,578	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
22	11,166	11,166	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
23	10,320	10,320	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
24	10,810	10,811	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
25	10,327	10,328	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
26	10,838	10,838	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
27	10,670	10,670	<b>-0.59</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
28	10,128	10,128	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
29	11,003	11,004	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
30	11,009	11,009	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
31	11,131	11,131	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
32	10,416	10,416	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
33	11,323	11,323	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
34	11,230	11,230	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
35	9,356	9,357	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
36	9,247	9,247	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
37	8,664	8,664	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
38	8,568	8,569	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
39	8,860	8,860	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
40	9,414	9,414	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
41	8,700	8,700	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
42	9,576	9,577	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
43	9,591	9,591	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
44	9,041	9,041	<b>1.71</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
45	8,789	8,789	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
46	8,305	8,305	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
47	9,502	9,502	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
48	9,695	9,695	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
49	9,970	9,970	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
50	8,964	8,964	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
51	9,276	9,276	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
52	9,560	9,560	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
53	10,419	10,420	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
54	11,087	11,087	<b>-1.11</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
55	7,520	7,521	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
56	7,204	7,204	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
57	7,335	7,335	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
58	7,228	7,229	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
59	7,310	7,310	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
60	7,425	7,425	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
61	7,979	7,979	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
62	7,128	7,129	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
63	7,261	7,261	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
64	7,995	7,995	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
65	8,395	8,395	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
66	6,484	6,485	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
67	5,545	5,545	<b>8.58</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
68	5,272	5,273	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
69	5,581	5,582	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	5,762	5,763	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
71	5,890	5,890	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
72	5,630	5,630	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
73	5,025	5,025	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
74	3,891	3,892	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
75	3,608	3,609	<b>14.44</b>	105.0	0.00	82.15	-	-	0.00	0.00	-	0.00
76	3,588	3,589	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
77	4,520	4,520	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
78	3,087	3,088	<b>16.47</b>	105.0	0.00	80.79	-	-	0.00	0.00	-	0.00
79	3,471	3,472	<b>14.96</b>	105.0	0.00	81.81	-	-	0.00	0.00	-	0.00
80	5,289	5,289	<b>9.24</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
81	4,737	4,737	<b>10.76</b>	105.0	0.00	84.51	-	-	0.00	0.00	-	0.00
82	5,088	5,089	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
83	6,417	6,417	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
84	6,275	6,275	<b>6.84</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
85	6,621	6,621	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
86	6,965	6,966	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
87	3,514	3,514	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
88	4,367	4,367	<b>11.88</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
89	4,662	4,663	<b>10.98</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
90	5,083	5,084	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
91	4,922	4,922	<b>10.23</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
92	5,298	5,299	<b>9.21</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
93	5,884	5,885	<b>7.74</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
94	2,684	2,685	<b>18.22</b>	105.0	0.00	79.58	-	-	0.00	0.00	-	0.00
95	2,996	2,997	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
96	3,592	3,593	<b>14.50</b>	105.0	0.00	82.11	-	-	0.00	0.00	-	0.00
97	5,199	5,200	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
98	5,327	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
99	5,748	5,749	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
100	5,795	5,796	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00

Sum 27.87

- Data undefined due to calculation with octave data

### Noise sensitive area: H155 H155

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,573	14,573	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
2	14,865	14,865	<b>-5.10</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
3	14,473	14,473	<b>-4.74</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
4	13,316	13,316	<b>-3.61</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
5	13,169	13,169	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
6	13,662	13,662	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
7	13,655	13,655	<b>-3.95</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
8	13,818	13,818	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
9	13,007	13,007	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
10	13,131	13,132	<b>-3.42</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
11	13,722	13,722	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
12	12,701	12,701	<b>-2.97</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
13	13,110	13,110	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
14	13,780	13,780	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
15	12,849	12,849	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
16	11,978	11,979	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
17	12,310	12,310	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
18	12,394	12,394	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
19	11,566	11,566	<b>-1.70</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
20	12,078	12,078	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	12,251	12,251	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
22	10,466	10,467	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
23	9,601	9,601	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
24	10,270	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
25	9,827	9,827	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
26	10,366	10,366	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
27	10,270	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
28	9,757	9,757	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
29	10,681	10,681	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
30	10,735	10,735	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
31	10,904	10,904	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
32	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
33	11,209	11,209	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
34	11,181	11,181	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
35	8,640	8,640	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
36	8,575	8,575	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
37	7,938	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
38	7,879	7,879	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
39	8,244	8,245	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
40	8,874	8,874	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
41	8,214	8,214	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
42	9,177	9,177	<b>1.50</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
43	9,262	9,262	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
44	8,590	8,591	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
45	8,396	8,396	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
46	7,881	7,881	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
47	9,251	9,251	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
48	9,492	9,492	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
49	9,798	9,798	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
50	8,815	8,815	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
51	9,148	9,148	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
52	9,457	9,457	<b>1.09</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
53	10,319	10,319	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
54	11,103	11,103	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
55	6,762	6,763	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
56	6,480	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
57	6,661	6,662	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
58	6,616	6,616	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
59	6,909	6,909	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
60	7,068	7,068	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
61	7,696	7,696	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
62	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
63	7,011	7,011	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
64	7,806	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
65	8,225	8,225	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
66	5,738	5,739	<b>8.10</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
67	5,096	5,096	<b>9.75</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
68	4,795	4,795	<b>10.60</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
69	5,210	5,210	<b>9.45</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
70	5,445	5,446	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
71	5,662	5,662	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
72	5,495	5,496	<b>8.70</b>	105.0	0.00	85.80	-	-	0.00	0.00	-	0.00
73	4,708	4,709	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
74	3,338	3,339	<b>15.46</b>	105.0	0.00	81.47	-	-	0.00	0.00	-	0.00
75	3,206	3,207	<b>15.99</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
76	3,300	3,301	<b>15.61</b>	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00
77	4,665	4,665	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
78	3,054	3,055	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
79	3,892	3,892	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	5,789	5,789	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
81	5,359	5,359	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
82	5,706	5,706	<b>8.18</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
83	7,047	7,047	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
84	7,005	7,005	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
85	7,354	7,354	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
86	7,714	7,714	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
87	4,405	4,405	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
88	5,092	5,093	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
89	5,476	5,477	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
90	5,868	5,868	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
91	5,791	5,791	<b>7.97</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
92	6,158	6,158	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
93	6,652	6,652	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
94	3,703	3,704	<b>14.10</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
95	3,992	3,993	<b>13.10</b>	105.0	0.00	83.03	-	-	0.00	0.00	-	0.00
96	4,613	4,614	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
97	6,187	6,187	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
98	6,272	6,273	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
99	6,674	6,674	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
100	6,776	6,776	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00

Sum 27.13

- Data undefined due to calculation with octave data

### Noise sensitive area: H156 H156

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,051	14,051	<b>-4.34</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
2	14,347	14,347	<b>-4.62</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
3	13,958	13,958	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
4	12,789	12,789	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
5	12,645	12,646	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
6	13,147	13,148	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
7	13,146	13,146	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
8	13,318	13,318	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
9	12,501	12,501	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
10	12,630	12,630	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
11	13,247	13,247	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
12	12,219	12,219	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
13	12,640	12,640	<b>-2.91</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
14	13,322	13,322	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
15	12,401	12,401	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
16	11,494	11,494	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
17	11,856	11,856	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
18	11,959	11,959	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
19	11,112	11,112	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
20	11,666	11,666	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
21	11,847	11,847	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
22	9,955	9,955	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
23	9,086	9,086	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
24	9,798	9,798	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
25	9,368	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
26	9,915	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
27	9,843	9,843	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
28	9,342	9,342	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
29	10,281	10,281	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
30	10,353	10,353	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,540	10,540	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
32	9,745	9,745	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
33	10,890	10,890	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
34	10,889	10,889	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
35	8,126	8,126	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
36	8,071	8,071	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
37	7,423	7,423	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
38	7,372	7,372	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
39	7,755	7,755	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
40	8,405	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
41	7,764	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
42	8,753	8,754	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
43	8,863	8,863	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
44	8,150	8,151	<b>3.16</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
45	7,976	7,977	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
46	7,452	7,452	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
47	8,882	8,882	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
48	9,142	9,142	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
49	9,459	9,459	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
50	8,489	8,489	<b>2.60</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
51	8,829	8,829	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
52	9,148	9,149	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
53	10,008	10,008	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
54	10,841	10,841	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
55	6,243	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
56	5,968	5,969	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
57	6,160	6,161	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
58	6,131	6,131	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
59	6,492	6,493	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
60	6,667	6,668	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
61	7,321	7,321	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
62	6,452	6,452	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
63	6,652	6,653	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
64	7,468	7,468	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
65	7,892	7,893	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
66	5,223	5,223	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
67	4,672	4,673	<b>10.95</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
68	4,363	4,364	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
69	4,815	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
70	5,070	5,071	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
71	5,322	5,323	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
72	5,198	5,198	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
73	4,342	4,342	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
74	2,895	2,896	<b>17.28</b>	105.0	0.00	80.24	-	-	0.00	0.00	-	0.00
75	2,829	2,830	<b>17.57</b>	105.0	0.00	80.04	-	-	0.00	0.00	-	0.00
76	2,973	2,974	<b>16.95</b>	105.0	0.00	80.47	-	-	0.00	0.00	-	0.00
77	4,512	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
78	2,859	2,860	<b>17.44</b>	105.0	0.00	80.13	-	-	0.00	0.00	-	0.00
79	3,898	3,898	<b>13.42</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
80	5,803	5,803	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
81	5,448	5,448	<b>8.82</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
82	5,788	5,788	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
83	7,124	7,125	<b>5.06</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
84	7,145	7,145	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
85	7,492	7,492	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
86	7,861	7,862	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
87	4,677	4,677	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
88	5,246	5,247	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
89	5,683	5,684	<b>8.23</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	6,051	6,051	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
91	6,034	6,034	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
92	6,391	6,391	<b>6.58</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
93	6,818	6,818	<b>5.67</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
94	4,094	4,094	<b>12.76</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
95	4,355	4,355	<b>11.92</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
96	5,000	5,000	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
97	6,527	6,528	<b>6.29</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
98	6,572	6,573	<b>6.19</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
99	6,955	6,955	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
100	7,107	7,107	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00

Sum 27.70

- Data undefined due to calculation with octave data

### Noise sensitive area: H157 H157

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,861	14,861	<b>-5.09</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
2	15,168	15,168	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
3	14,784	14,784	<b>-5.02</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
4	13,586	13,586	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
5	13,453	13,453	<b>-3.75</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
6	13,976	13,977	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
7	13,984	13,984	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
8	14,166	14,166	<b>-4.45</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
9	13,342	13,342	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
10	13,476	13,476	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
11	14,109	14,109	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
12	13,079	13,080	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
13	13,504	13,504	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
14	14,188	14,188	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
15	13,268	13,268	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
16	12,353	12,353	<b>-2.59</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
17	12,722	12,722	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
18	12,824	12,824	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
19	11,978	11,978	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
20	12,526	12,526	<b>-2.78</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
21	12,704	12,704	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
22	10,790	10,790	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
23	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
24	10,662	10,662	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
25	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
26	10,782	10,782	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
27	10,707	10,707	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
28	10,203	10,203	<b>0.03</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
29	11,137	11,137	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
30	11,201	11,201	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
31	11,379	11,379	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
32	10,594	10,594	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
33	11,701	11,701	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
34	11,680	11,680	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
35	8,958	8,959	<b>1.84</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
36	8,917	8,917	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
37	8,253	8,254	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
38	8,214	8,215	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
39	8,612	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
40	9,269	9,269	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00

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Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

**DECIBEL - Detailed results**

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	8,630	8,630	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
42	9,616	9,616	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
43	9,718	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
44	9,016	9,016	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
45	8,838	8,838	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
46	8,316	8,316	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
47	9,723	9,723	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
48	9,973	9,973	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
49	10,283	10,283	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
50	9,304	9,304	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
51	9,639	9,639	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
52	9,952	9,952	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
53	10,813	10,813	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
54	11,607	11,607	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
55	7,066	7,066	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
56	6,804	6,804	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
57	7,009	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
58	6,991	6,991	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
59	7,353	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
60	7,522	7,523	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
61	8,165	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
62	7,296	7,297	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
63	7,487	7,488	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
64	8,291	8,291	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
65	8,712	8,712	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
66	6,054	6,054	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
67	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
68	5,227	5,228	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
69	5,667	5,667	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
70	5,913	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
71	6,145	6,145	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
72	5,991	5,991	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
73	5,180	5,180	<b>9.53</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
74	3,760	3,761	<b>13.90</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
75	3,670	3,671	<b>14.22</b>	105.0	0.00	82.30	-	-	0.00	0.00	-	0.00
76	3,785	3,785	<b>13.81</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00
77	5,174	5,174	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
78	3,563	3,563	<b>14.61</b>	105.0	0.00	82.04	-	-	0.00	0.00	-	0.00
79	4,376	4,377	<b>11.85</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
80	6,266	6,266	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
81	5,809	5,809	<b>7.92</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
82	6,158	6,158	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
83	7,498	7,499	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
84	7,426	7,426	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
85	7,774	7,774	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
86	8,129	8,129	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
87	4,747	4,747	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
88	5,511	5,511	<b>8.66</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
89	5,861	5,861	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
90	6,266	6,266	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
91	6,148	6,149	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
92	6,521	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
93	7,058	7,058	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
94	3,932	3,933	<b>13.30</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
95	4,251	4,251	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
96	4,838	4,838	<b>10.47</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
97	6,454	6,454	<b>6.45</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
98	6,580	6,580	<b>6.17</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
99	6,997	6,997	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
100	7,051	7,051	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00

Sum 25.95

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H161 H161

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	11,889	11,889	-2.07	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00	
2	12,353	12,353	-2.59	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00	
3	12,090	12,090	-2.30	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00	
4	10,502	10,502	-0.37	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00	
5	10,533	10,533	-0.41	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00	
6	11,374	11,374	-1.47	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00	
7	11,562	11,562	-1.69	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00	
8	11,980	11,980	-2.18	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00	
9	11,040	11,040	-1.06	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00	
10	11,287	11,287	-1.36	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00	
11	12,475	12,475	-2.73	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00	
12	11,395	11,395	-1.49	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00	
13	12,014	12,014	-2.22	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00	
14	12,874	12,874	-3.16	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00	
15	12,215	12,215	-2.44	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00	
16	10,680	10,680	-0.60	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00	
17	11,607	11,607	-1.74	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00	
18	12,021	12,021	-2.22	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00	
19	10,932	10,932	-0.92	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00	
20	12,097	12,097	-2.31	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00	
21	12,366	12,366	-2.61	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00	
22	8,592	8,592	2.43	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00	
23	7,736	7,736	3.90	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00	
24	9,455	9,455	1.09	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00	
25	9,326	9,326	1.28	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00	
26	9,940	9,940	0.39	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00	
27	10,257	10,257	-0.04	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00	
28	9,982	9,982	0.34	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00	
29	11,015	11,015	-1.03	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00	
30	11,304	11,304	-1.38	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00	
31	11,686	11,686	-1.84	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00	
32	10,726	10,726	-0.66	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00	
33	12,488	12,488	-2.74	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00	
34	12,753	12,753	-3.03	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00	
35	6,992	6,992	5.32	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00	
36	7,258	7,258	4.80	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00	
37	6,401	6,401	6.56	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00	
38	6,624	6,624	6.08	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00	
39	7,380	7,380	4.56	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00	
40	8,325	8,325	2.87	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00	
41	8,133	8,133	3.20	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00	
42	9,356	9,357	1.24	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00	
43	9,788	9,788	0.61	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00	
44	8,614	8,614	2.39	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00	
45	8,768	8,768	2.14	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00	
46	8,214	8,214	3.06	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00	
47	10,164	10,164	0.09	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00	
48	10,593	10,593	-0.49	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00	
49	10,994	10,994	-1.00	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00	
50	10,270	10,270	-0.06	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00	
51	10,641	10,641	-0.55	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00	
52	11,016	11,016	-1.03	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00	
53	11,766	11,766	-1.93	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00	
54	12,971	12,971	-3.26	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00	
55	5,389	5,389	8.97	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00	
56	5,474	5,474	8.76	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00	
57	5,923	5,923	7.65	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00	
58	6,282	6,282	6.83	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00	
59	7,631	7,632	4.09	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,961	7,961	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
61	8,772	8,772	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
62	8,058	8,058	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
63	8,410	8,410	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
64	9,284	9,284	<b>1.34</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
65	9,697	9,697	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
66	4,925	4,925	<b>10.23</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
67	6,292	6,292	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
68	6,016	6,016	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
69	6,696	6,696	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
70	7,063	7,063	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
71	7,563	7,563	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
72	7,808	7,808	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
73	6,649	6,649	<b>6.03</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
74	5,213	5,214	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
75	5,719	5,719	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
76	6,106	6,106	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
77	8,120	8,120	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
78	6,669	6,669	<b>5.98</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
79	8,197	8,197	<b>3.08</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
80	9,956	9,956	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
81	9,868	9,868	<b>0.49</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
82	10,169	10,169	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
83	11,427	11,427	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
84	11,644	11,644	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
85	11,978	11,978	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
86	12,363	12,363	<b>-2.61</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
87	9,501	9,501	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
88	9,847	9,847	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
89	10,385	10,385	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
90	10,694	10,694	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
91	10,796	10,796	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
92	11,130	11,130	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
93	11,399	11,399	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
94	8,982	8,982	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
95	9,245	9,245	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
96	9,890	9,890	<b>0.46</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
97	11,405	11,405	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
98	11,413	11,413	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
99	11,768	11,768	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
100	11,976	11,976	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00

Sum 22.75

- Data undefined due to calculation with octave data

### Noise sensitive area: H163 H163

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,749	11,749	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
2	12,121	12,122	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
3	11,782	11,782	<b>-1.95</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
4	10,416	10,417	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
5	10,342	10,342	<b>-0.16</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
6	11,001	11,001	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
7	11,086	11,086	<b>-1.11</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
8	11,378	11,378	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
9	10,486	10,487	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
10	10,675	10,675	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	11,592	11,592	<b>-1.73</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
12	10,517	10,517	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
13	11,051	11,051	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
14	11,842	11,842	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
15	11,050	11,050	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
16	9,780	9,780	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
17	10,458	10,458	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
18	10,741	10,741	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
19	9,735	9,735	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
20	10,663	10,663	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
21	10,901	10,901	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
22	7,921	7,921	<b>3.57</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
23	7,025	7,026	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
24	8,291	8,291	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
25	8,019	8,019	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
26	8,624	8,624	<b>2.37</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
27	8,784	8,784	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
28	8,409	8,409	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
29	9,435	9,435	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
30	9,648	9,648	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
31	9,967	9,967	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
32	9,045	9,045	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
33	10,630	10,630	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
34	10,815	10,815	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
35	6,126	6,126	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
36	6,233	6,234	<b>6.93</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
37	5,438	5,438	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
38	5,528	5,528	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
39	6,141	6,141	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
40	6,995	6,995	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
41	6,598	6,598	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
42	7,778	7,778	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
43	8,100	8,100	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
44	7,062	7,062	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
45	7,093	7,093	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
46	6,526	6,526	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
47	8,360	8,360	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
48	8,743	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
49	9,127	9,127	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
50	8,308	8,308	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
51	8,678	8,678	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
52	9,045	9,045	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
53	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
54	10,958	10,958	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
55	4,251	4,251	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
56	4,149	4,150	<b>12.57</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
57	4,513	4,513	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
58	4,723	4,723	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
59	5,776	5,777	<b>8.00</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
60	6,070	6,070	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
61	6,865	6,865	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
62	6,073	6,073	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
63	6,395	6,395	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
64	7,283	7,283	<b>4.75</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
65	7,712	7,712	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
66	3,432	3,432	<b>15.10</b>	105.0	0.00	81.71	-	-	0.00	0.00	-	0.00
67	4,199	4,199	<b>12.41</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
68	3,892	3,892	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
69	4,562	4,562	<b>11.28</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	4,922	4,923	<b>10.23</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
71	5,388	5,388	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
72	5,566	5,566	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
73	4,417	4,417	<b>11.72</b>	105.0	0.00	83.90	-	-	0.00	0.00	-	0.00
74	2,889	2,890	<b>17.31</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
75	3,366	3,367	<b>15.36</b>	105.0	0.00	81.54	-	-	0.00	0.00	-	0.00
76	3,748	3,749	<b>13.94</b>	105.0	0.00	82.48	-	-	0.00	0.00	-	0.00
77	5,762	5,762	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
78	4,308	4,308	<b>12.07</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
79	5,852	5,853	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
80	7,592	7,593	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
81	7,525	7,525	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
82	7,820	7,820	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
83	9,067	9,067	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
84	9,303	9,303	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
85	9,634	9,634	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
86	10,020	10,020	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
87	7,297	7,297	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
88	7,537	7,538	<b>4.26</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
89	8,103	8,103	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
90	8,390	8,390	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
91	8,538	8,539	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
92	8,858	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
93	9,074	9,074	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
94	6,942	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
95	7,158	7,158	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
96	7,831	7,831	<b>3.73</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
97	9,255	9,255	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
98	9,207	9,207	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
99	9,535	9,535	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
100	9,805	9,805	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00

Sum 27.03

- Data undefined due to calculation with octave data

### Noise sensitive area: H165 H165

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,372	13,372	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
2	13,678	13,678	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
3	13,295	13,295	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
4	12,100	12,100	<b>-2.31</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
5	11,964	11,964	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
6	12,487	12,487	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
7	12,498	12,498	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
8	12,688	12,688	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
9	11,858	11,858	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
10	11,996	11,996	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
11	12,662	12,662	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
12	11,624	11,624	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
13	12,065	12,065	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
14	12,768	12,768	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
15	11,867	11,867	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
16	10,895	10,895	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
17	11,311	11,311	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
18	11,447	11,447	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
19	10,568	10,568	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
20	11,194	11,194	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,387	11,387	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
22	9,303	9,303	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
23	8,427	8,428	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
24	9,225	9,225	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
25	8,820	8,820	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
26	9,380	9,381	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
27	9,350	9,350	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
28	8,870	8,870	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
29	9,833	9,833	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
30	9,933	9,933	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
31	10,149	10,149	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
32	9,322	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
33	10,570	10,570	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
34	10,611	10,611	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
35	7,471	7,471	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
36	7,437	7,438	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
37	6,765	6,766	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
38	6,733	6,733	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
39	7,152	7,152	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
40	7,839	7,839	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
41	7,234	7,235	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
42	8,268	8,268	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
43	8,420	8,420	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
44	7,639	7,639	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
45	7,501	7,501	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
46	6,963	6,963	<b>5.38</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
47	8,489	8,489	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
48	8,777	8,777	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
49	9,112	9,112	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
50	8,166	8,166	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
51	8,517	8,517	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
52	8,850	8,850	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
53	9,703	9,703	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
54	10,607	10,607	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
55	5,576	5,577	<b>8.50</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
56	5,319	5,319	<b>9.16</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
57	5,536	5,536	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
58	5,541	5,541	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
59	6,029	6,030	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
60	6,231	6,231	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
61	6,924	6,924	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
62	6,057	6,057	<b>7.34</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
63	6,288	6,288	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
64	7,132	7,132	<b>5.04</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
65	7,563	7,563	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
66	4,567	4,567	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
67	4,213	4,213	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
68	3,892	3,893	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
69	4,406	4,407	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
70	4,693	4,694	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
71	5,002	5,002	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
72	4,949	4,949	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
73	3,990	3,991	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
74	2,431	2,432	<b>19.43</b>	105.0	0.00	78.72	-	-	0.00	0.00	-	0.00
75	2,502	2,503	<b>19.07</b>	105.0	0.00	78.97	-	-	0.00	0.00	-	0.00
76	2,729	2,730	<b>18.01</b>	105.0	0.00	79.72	-	-	0.00	0.00	-	0.00
77	4,494	4,494	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
78	2,836	2,837	<b>17.54</b>	105.0	0.00	80.06	-	-	0.00	0.00	-	0.00
79	4,109	4,110	<b>12.71</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	5,990	5,990	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
81	5,733	5,733	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
82	6,060	6,060	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
83	7,378	7,379	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
84	7,475	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
85	7,819	7,819	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
86	8,197	8,197	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
87	5,179	5,179	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
88	5,611	5,612	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
89	6,104	6,105	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
90	6,442	6,442	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
91	6,493	6,493	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
92	6,836	6,836	<b>5.64</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
93	7,182	7,183	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
94	4,715	4,716	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
95	4,949	4,950	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
96	5,612	5,613	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
97	7,088	7,088	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
98	7,090	7,090	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
99	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
100	7,655	7,655	<b>4.05</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00

Sum 28.35

- Data undefined due to calculation with octave data

## Noise sensitive area: H166 H166

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,014	13,014	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
2	13,362	13,363	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
3	13,005	13,006	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
4	11,701	11,701	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
5	11,604	11,605	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
6	12,212	12,212	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
7	12,267	12,267	<b>-2.50</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
8	12,516	12,516	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
9	11,649	11,649	<b>-1.79</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
10	11,816	11,816	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
11	12,621	12,622	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
12	11,560	11,560	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
13	12,052	12,052	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
14	12,804	12,804	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
15	11,955	11,955	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
16	10,824	10,824	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
17	11,378	11,378	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
18	11,588	11,588	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
19	10,642	10,642	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
20	11,419	11,419	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
21	11,634	11,634	<b>-1.78</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
22	9,077	9,077	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
23	8,185	8,185	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
24	9,239	9,239	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
25	8,898	8,898	<b>1.94</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
26	9,485	9,485	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
27	9,547	9,547	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
28	9,113	9,113	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
29	10,112	10,112	<b>0.16</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
30	10,265	10,265	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,529	10,529	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
32	9,653	9,653	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
33	11,059	11,059	<b>-1.08</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
34	11,161	11,161	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
35	7,253	7,254	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
36	7,296	7,296	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
37	6,550	6,551	<b>6.24</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
38	6,583	6,584	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
39	7,108	7,109	<b>5.09</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
40	7,887	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
41	7,378	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
42	8,492	8,492	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
43	8,724	8,725	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
44	7,815	7,815	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
45	7,756	7,756	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
46	7,197	7,197	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
47	8,880	8,880	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
48	9,213	9,213	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
49	9,572	9,572	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
50	8,672	8,673	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
51	9,035	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
52	9,385	9,385	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
53	10,221	10,221	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
54	11,218	11,218	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
55	5,345	5,346	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
56	5,165	5,165	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
57	5,461	5,462	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
58	5,568	5,569	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
59	6,334	6,334	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
60	6,581	6,581	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
61	7,329	7,330	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
62	6,482	6,483	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
63	6,757	6,757	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
64	7,632	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
65	8,067	8,067	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
66	4,411	4,412	<b>11.74</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
67	4,579	4,579	<b>11.23</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
68	4,252	4,252	<b>12.24</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
69	4,855	4,855	<b>10.42</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
70	5,183	5,183	<b>9.52</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
71	5,567	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
72	5,609	5,609	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
73	4,544	4,544	<b>11.34</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
74	2,908	2,909	<b>17.22</b>	105.0	0.00	80.28	-	-	0.00	0.00	-	0.00
75	3,175	3,176	<b>16.11</b>	105.0	0.00	81.04	-	-	0.00	0.00	-	0.00
76	3,484	3,485	<b>14.90</b>	105.0	0.00	81.84	-	-	0.00	0.00	-	0.00
77	5,395	5,396	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
78	3,776	3,776	<b>13.84</b>	105.0	0.00	82.54	-	-	0.00	0.00	-	0.00
79	5,152	5,153	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
80	7,009	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
81	6,795	6,795	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
82	7,117	7,117	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
83	8,424	8,424	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
84	8,548	8,549	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
85	8,891	8,891	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
86	9,270	9,270	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
87	6,266	6,267	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
88	6,696	6,696	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
89	7,196	7,196	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	7,530	7,530	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
91	7,585	7,585	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
92	7,928	7,928	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
93	8,265	8,265	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
94	5,751	5,751	<b>8.07</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
95	6,004	6,004	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
96	6,655	6,656	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
97	8,161	8,161	<b>3.15</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
98	8,176	8,176	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
99	8,540	8,540	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
100	8,733	8,733	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00

Sum 26.53

- Data undefined due to calculation with octave data

## Noise sensitive area: H167 H167

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,798	12,799	<b>-3.08</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
2	13,012	13,012	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
3	12,583	12,583	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
4	11,643	11,643	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
5	11,428	11,429	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
6	11,764	11,764	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
7	11,686	11,686	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
8	11,757	11,757	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
9	11,019	11,019	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
10	11,096	11,097	<b>-1.13</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
11	11,485	11,485	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
12	10,512	10,512	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
13	10,849	10,849	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
14	11,453	11,453	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
15	10,480	10,480	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
16	9,813	9,814	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
17	9,971	9,971	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
18	9,978	9,978	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
19	9,234	9,234	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
20	9,595	9,595	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
21	9,749	9,749	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
22	8,577	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
23	7,775	7,776	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
24	8,040	8,040	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
25	7,532	7,532	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
26	8,026	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
27	7,838	7,839	<b>3.71</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
28	7,295	7,295	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
29	8,174	8,174	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
30	8,192	8,192	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
31	8,334	8,334	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
32	7,595	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
33	8,605	8,605	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
34	8,575	8,576	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
35	6,824	6,824	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
36	6,639	6,640	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
37	6,166	6,166	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
38	6,002	6,003	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
39	6,179	6,180	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
40	6,650	6,650	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,903	5,903	<b>7.70</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
42	6,746	6,746	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
43	6,760	6,760	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
44	6,226	6,226	<b>6.95</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
45	5,959	5,959	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
46	5,482	5,483	<b>8.73</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
47	6,692	6,692	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
48	6,910	6,910	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
49	7,205	7,205	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
50	6,215	6,215	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
51	6,544	6,545	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
52	6,851	6,852	<b>5.61</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
53	7,713	7,713	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
54	8,510	8,510	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
55	5,127	5,128	<b>9.67</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
56	4,746	4,747	<b>10.74</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
57	4,774	4,775	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
58	4,574	4,575	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
59	4,484	4,485	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
60	4,592	4,592	<b>11.19</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
61	5,156	5,156	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
62	4,299	4,300	<b>12.09</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
63	4,447	4,448	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
64	5,216	5,216	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
65	5,629	5,629	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
66	4,117	4,117	<b>12.68</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
67	2,757	2,759	<b>17.89</b>	105.0	0.00	79.81	-	-	0.00	0.00	-	0.00
68	2,516	2,517	<b>19.00</b>	105.0	0.00	79.02	-	-	0.00	0.00	-	0.00
69	2,755	2,756	<b>17.90</b>	105.0	0.00	79.80	-	-	0.00	0.00	-	0.00
70	2,929	2,930	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
71	3,082	3,083	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
72	2,889	2,890	<b>17.31</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
73	2,191	2,193	<b>20.81</b>	105.0	0.00	77.82	-	-	0.00	0.00	-	0.00
74	1,388	1,391	<b>26.61</b>	105.0	0.00	73.87	-	-	0.00	0.00	-	0.00
75	878	882	<b>32.01</b>	105.0	0.00	69.91	-	-	0.00	0.00	-	0.00
76	757	761	<b>33.68</b>	105.0	0.00	68.63	-	-	0.00	0.00	-	0.00
77	2,271	2,272	<b>20.34</b>	105.0	0.00	78.13	-	-	0.00	0.00	-	0.00
78	646	650	<b>35.42</b>	105.0	0.00	67.26	-	-	0.00	0.00	-	0.00
79	2,194	2,195	<b>20.80</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
80	3,932	3,932	<b>13.30</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
81	3,862	3,862	<b>13.54</b>	105.0	0.00	82.74	-	-	0.00	0.00	-	0.00
82	4,149	4,149	<b>12.58</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
83	5,395	5,396	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
84	5,640	5,640	<b>8.34</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
85	5,967	5,967	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
86	6,354	6,354	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
87	3,992	3,993	<b>13.09</b>	105.0	0.00	83.03	-	-	0.00	0.00	-	0.00
88	3,942	3,943	<b>13.27</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
89	4,563	4,564	<b>11.28</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
90	4,795	4,795	<b>10.60</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
91	5,047	5,047	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
92	5,329	5,329	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
93	5,436	5,436	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
94	4,144	4,144	<b>12.59</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
95	4,201	4,201	<b>12.41</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
96	4,887	4,888	<b>10.33</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
97	5,997	5,998	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
98	5,821	5,822	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
99	6,081	6,082	<b>7.28</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
100	6,482	6,483	<b>6.38</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00

Sum 39.59

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H168 H168

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	14,088	14,089	-4.37	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00	
2	14,300	14,301	-4.58	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00	
3	13,871	13,871	-4.16	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00	
4	12,931	12,931	-3.22	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00	
5	12,718	12,718	-2.99	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00	
6	13,052	13,052	-3.34	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00	
7	12,970	12,970	-3.26	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00	
8	13,030	13,030	-3.32	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00	
9	12,301	12,301	-2.54	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00	
10	12,374	12,374	-2.62	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00	
11	12,723	12,723	-3.00	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00	
12	11,764	11,764	-1.93	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00	
13	12,082	12,082	-2.29	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00	
14	12,661	12,661	-2.93	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00	
15	11,672	11,672	-1.82	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00	
16	11,073	11,073	-1.10	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00	
17	11,178	11,178	-1.23	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00	
18	11,148	11,148	-1.19	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00	
19	10,446	10,446	-0.29	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00	
20	10,718	10,719	-0.65	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00	
21	10,855	10,855	-0.82	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00	
22	9,867	9,867	0.50	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00	
23	9,065	9,065	1.68	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00	
24	9,289	9,289	1.34	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00	
25	8,765	8,765	2.15	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00	
26	9,241	9,241	1.41	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00	
27	9,008	9,008	1.76	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00	
28	8,447	8,447	2.66	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00	
29	9,283	9,283	1.35	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00	
30	9,259	9,259	1.38	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00	
31	9,357	9,357	1.23	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00	
32	8,676	8,676	2.29	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00	
33	9,511	9,511	1.01	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00	
34	9,408	9,408	1.16	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00	
35	8,113	8,114	3.23	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00	
36	7,929	7,929	3.55	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00	
37	7,453	7,453	4.42	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00	
38	7,292	7,293	4.73	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00	
39	7,462	7,462	4.40	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00	
40	7,907	7,907	3.59	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00	
41	7,139	7,140	5.03	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00	
42	7,923	7,923	3.56	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00	
43	7,883	7,883	3.63	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00	
44	7,440	7,440	4.45	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00	
45	7,138	7,138	5.03	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00	
46	6,687	6,687	5.95	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00	
47	7,746	7,746	3.88	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00	
48	7,914	7,915	3.58	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00	
49	8,177	8,177	3.12	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00	
50	7,166	7,166	4.97	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00	
51	7,471	7,471	4.39	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00	
52	7,747	7,747	3.88	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00	
53	8,605	8,606	2.40	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00	
54	9,262	9,262	1.38	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00	
55	6,400	6,400	6.56	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00	
56	6,027	6,027	7.41	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00	
57	6,064	6,064	7.32	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00	
58	5,862	5,863	7.80	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00	
59	5,685	5,686	8.23	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00	

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	5,758	5,759	<b>8.05</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
61	6,252	6,252	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
62	5,421	5,422	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
63	5,520	5,520	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
64	6,216	6,216	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
65	6,607	6,607	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
66	5,380	5,380	<b>9.00</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
67	4,018	4,019	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
68	3,793	3,794	<b>13.78</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
69	3,969	3,970	<b>13.17</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
70	4,094	4,095	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
71	4,152	4,153	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
72	3,845	3,846	<b>13.60</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
73	3,378	3,379	<b>15.31</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
74	2,641	2,642	<b>18.42</b>	105.0	0.00	79.44	-	-	0.00	0.00	-	0.00
75	2,168	2,169	<b>20.96</b>	105.0	0.00	77.73	-	-	0.00	0.00	-	0.00
76	2,004	2,005	<b>21.99</b>	105.0	0.00	77.04	-	-	0.00	0.00	-	0.00
77	2,703	2,704	<b>18.14</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
78	1,314	1,316	<b>27.29</b>	105.0	0.00	73.39	-	-	0.00	0.00	-	0.00
79	1,839	1,840	<b>23.10</b>	105.0	0.00	76.30	-	-	0.00	0.00	-	0.00
80	3,743	3,743	<b>13.96</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
81	3,387	3,388	<b>15.27</b>	105.0	0.00	81.60	-	-	0.00	0.00	-	0.00
82	3,724	3,724	<b>14.03</b>	105.0	0.00	82.42	-	-	0.00	0.00	-	0.00
83	5,057	5,058	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
84	5,111	5,112	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
85	5,456	5,456	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
86	5,832	5,832	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
87	2,940	2,941	<b>17.09</b>	105.0	0.00	80.37	-	-	0.00	0.00	-	0.00
88	3,243	3,243	<b>15.84</b>	105.0	0.00	81.22	-	-	0.00	0.00	-	0.00
89	3,754	3,755	<b>13.92</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
90	4,077	4,077	<b>12.81</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
91	4,170	4,171	<b>12.51</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
92	4,499	4,500	<b>11.47</b>	105.0	0.00	84.06	-	-	0.00	0.00	-	0.00
93	4,813	4,814	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
94	2,885	2,886	<b>17.33</b>	105.0	0.00	80.21	-	-	0.00	0.00	-	0.00
95	2,981	2,982	<b>16.91</b>	105.0	0.00	80.49	-	-	0.00	0.00	-	0.00
96	3,674	3,675	<b>14.20</b>	105.0	0.00	82.30	-	-	0.00	0.00	-	0.00
97	4,930	4,931	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
98	4,841	4,842	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
99	5,163	5,163	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
100	5,458	5,459	<b>8.79</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00

Sum 32.86

- Data undefined due to calculation with octave data

### Noise sensitive area: H169 H169

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,638	14,638	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
2	14,790	14,791	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
3	14,338	14,338	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
4	13,564	13,564	<b>-3.86</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
5	13,309	13,309	<b>-3.61</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
6	13,525	13,525	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
7	13,387	13,387	<b>-3.69</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
8	13,368	13,368	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
9	12,713	12,713	<b>-2.99</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
10	12,744	12,745	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	12,891	12,891	<b>-3.17</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
12	12,000	12,000	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
13	12,234	12,234	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
14	12,723	12,724	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
15	11,697	11,697	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
16	11,347	11,348	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
17	11,254	11,255	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
18	11,116	11,116	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
19	10,547	10,548	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
20	10,580	10,581	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
21	10,675	10,675	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
22	10,404	10,404	<b>-0.24</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
23	9,668	9,668	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
24	9,542	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
25	8,962	8,962	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
26	9,367	9,367	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
27	9,010	9,011	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
28	8,417	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
29	9,136	9,136	<b>1.57</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
30	9,028	9,029	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
31	9,040	9,040	<b>1.71</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
32	8,485	8,485	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
33	8,998	8,998	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
34	8,792	8,792	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
35	8,751	8,751	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
36	8,488	8,488	<b>2.60</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
37	8,142	8,142	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
38	7,918	7,919	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
39	7,937	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
40	8,215	8,216	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
41	7,385	7,385	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
42	7,967	7,967	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
43	7,800	7,800	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
44	7,604	7,604	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
45	7,210	7,210	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
46	6,843	6,844	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
47	7,525	7,525	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
48	7,601	7,601	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
49	7,799	7,799	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
50	6,786	6,787	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
51	7,041	7,042	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
52	7,263	7,263	<b>4.78</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
53	8,092	8,093	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
54	8,543	8,543	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
55	7,211	7,212	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
56	6,800	6,801	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
57	6,739	6,740	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
58	6,438	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
59	5,871	5,872	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
60	5,852	5,853	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
61	6,169	6,170	<b>7.08</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
62	5,433	5,434	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
63	5,427	5,427	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
64	5,957	5,957	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
65	6,292	6,292	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
66	6,249	6,250	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
67	4,495	4,496	<b>11.48</b>	105.0	0.00	84.06	-	-	0.00	0.00	-	0.00
68	4,363	4,364	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
69	4,300	4,301	<b>12.09</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	4,296	4,297	<b>12.10</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
71	4,162	4,163	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
72	3,703	3,704	<b>14.10</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
73	3,705	3,706	<b>14.09</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
74	3,615	3,617	<b>14.42</b>	105.0	0.00	82.17	-	-	0.00	0.00	-	0.00
75	3,029	3,030	<b>16.71</b>	105.0	0.00	80.63	-	-	0.00	0.00	-	0.00
76	2,702	2,704	<b>18.13</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
77	2,123	2,125	<b>21.23</b>	105.0	0.00	77.55	-	-	0.00	0.00	-	0.00
78	1,819	1,821	<b>23.24</b>	105.0	0.00	76.20	-	-	0.00	0.00	-	0.00
79	695	700	<b>34.61</b>	105.0	0.00	67.90	-	-	0.00	0.00	-	0.00
80	2,372	2,373	<b>19.76</b>	105.0	0.00	78.51	-	-	0.00	0.00	-	0.00
81	1,892	1,893	<b>22.73</b>	105.0	0.00	76.54	-	-	0.00	0.00	-	0.00
82	2,236	2,238	<b>20.54</b>	105.0	0.00	78.00	-	-	0.00	0.00	-	0.00
83	3,577	3,578	<b>14.56</b>	105.0	0.00	82.07	-	-	0.00	0.00	-	0.00
84	3,597	3,598	<b>14.48</b>	105.0	0.00	82.12	-	-	0.00	0.00	-	0.00
85	3,942	3,943	<b>13.26</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
86	4,318	4,319	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
87	1,785	1,787	<b>23.47</b>	105.0	0.00	76.04	-	-	0.00	0.00	-	0.00
88	1,740	1,743	<b>23.80</b>	105.0	0.00	75.82	-	-	0.00	0.00	-	0.00
89	2,305	2,307	<b>20.14</b>	105.0	0.00	78.26	-	-	0.00	0.00	-	0.00
90	2,587	2,588	<b>18.67</b>	105.0	0.00	79.26	-	-	0.00	0.00	-	0.00
91	2,772	2,774	<b>17.82</b>	105.0	0.00	79.86	-	-	0.00	0.00	-	0.00
92	3,067	3,069	<b>16.55</b>	105.0	0.00	80.74	-	-	0.00	0.00	-	0.00
93	3,304	3,306	<b>15.59</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
94	2,405	2,407	<b>19.56</b>	105.0	0.00	78.63	-	-	0.00	0.00	-	0.00
95	2,288	2,290	<b>20.24</b>	105.0	0.00	78.20	-	-	0.00	0.00	-	0.00
96	2,901	2,903	<b>17.25</b>	105.0	0.00	80.26	-	-	0.00	0.00	-	0.00
97	3,760	3,761	<b>13.90</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
98	3,547	3,548	<b>14.67</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
99	3,803	3,804	<b>13.74</b>	105.0	0.00	82.61	-	-	0.00	0.00	-	0.00
100	4,218	4,219	<b>12.35</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00

Sum 37.21

- Data undefined due to calculation with octave data

### Noise sensitive area: H170 H170

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,127	14,127	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
2	14,188	14,188	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
3	13,711	13,711	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
4	13,202	13,203	<b>-3.50</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
5	12,887	12,887	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
6	12,921	12,921	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
7	12,706	12,707	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
8	12,573	12,573	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
9	12,039	12,039	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
10	12,011	12,011	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
11	11,874	11,874	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
12	11,096	11,097	<b>-1.13</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
13	11,210	11,210	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
14	11,571	11,571	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
15	10,520	10,520	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
16	10,515	10,515	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
17	10,155	10,156	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
18	9,882	9,882	<b>0.48</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
19	9,503	9,503	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
20	9,227	9,227	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	9,269	9,269	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
22	9,985	9,985	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
23	9,378	9,379	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
24	8,744	8,744	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
25	8,111	8,112	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
26	8,400	8,400	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
27	7,892	7,893	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
28	7,284	7,284	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
29	7,820	7,820	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
30	7,610	7,611	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
31	7,517	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
32	7,139	7,139	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
33	7,254	7,255	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
34	6,946	6,946	<b>5.41</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
35	8,558	8,559	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
36	8,190	8,190	<b>3.10</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
37	8,062	8,063	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
38	7,755	7,756	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
39	7,546	7,546	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
40	7,563	7,564	<b>4.21</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
41	6,698	6,698	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
42	6,958	6,959	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
43	6,629	6,630	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
44	6,784	6,784	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
45	6,290	6,290	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
46	6,073	6,073	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
47	6,190	6,190	<b>7.03</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
48	6,142	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
49	6,252	6,253	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
50	5,292	5,292	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
51	5,469	5,470	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
52	5,613	5,613	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
53	6,376	6,376	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
54	6,603	6,603	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
55	7,386	7,387	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
56	6,947	6,947	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
57	6,741	6,742	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
58	6,318	6,319	<b>6.74</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
59	5,242	5,242	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
60	5,092	5,093	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
61	5,124	5,124	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
62	4,609	4,609	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
63	4,453	4,454	<b>11.61</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
64	4,688	4,689	<b>10.91</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
65	4,917	4,917	<b>10.25</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
66	6,594	6,595	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
67	4,501	4,503	<b>11.46</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
68	4,528	4,529	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
69	4,141	4,142	<b>12.60</b>	105.0	0.00	83.34	-	-	0.00	0.00	-	0.00
70	3,952	3,953	<b>13.23</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
71	3,571	3,572	<b>14.58</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
72	3,015	3,016	<b>16.77</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
73	3,695	3,696	<b>14.13</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
74	4,491	4,493	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
75	3,915	3,917	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
76	3,518	3,519	<b>14.78</b>	105.0	0.00	81.93	-	-	0.00	0.00	-	0.00
77	1,610	1,612	<b>24.78</b>	105.0	0.00	75.15	-	-	0.00	0.00	-	0.00
78	2,921	2,923	<b>17.17</b>	105.0	0.00	80.32	-	-	0.00	0.00	-	0.00
79	1,643	1,646	<b>24.52</b>	105.0	0.00	75.33	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	423	429	<b>39.86</b>	105.0	0.00	63.64	-	-	0.00	0.00	-	0.00
81	1,088	1,091	<b>29.53</b>	105.0	0.00	71.76	-	-	0.00	0.00	-	0.00
82	1,065	1,068	<b>29.78</b>	105.0	0.00	71.57	-	-	0.00	0.00	-	0.00
83	1,912	1,914	<b>22.60</b>	105.0	0.00	76.64	-	-	0.00	0.00	-	0.00
84	2,410	2,411	<b>19.54</b>	105.0	0.00	78.65	-	-	0.00	0.00	-	0.00
85	2,669	2,671	<b>18.28</b>	105.0	0.00	79.53	-	-	0.00	0.00	-	0.00
86	3,042	3,044	<b>16.65</b>	105.0	0.00	80.67	-	-	0.00	0.00	-	0.00
87	2,969	2,970	<b>16.96</b>	105.0	0.00	80.45	-	-	0.00	0.00	-	0.00
88	1,761	1,763	<b>23.65</b>	105.0	0.00	75.93	-	-	0.00	0.00	-	0.00
89	2,368	2,370	<b>19.78</b>	105.0	0.00	78.49	-	-	0.00	0.00	-	0.00
90	2,223	2,224	<b>20.62</b>	105.0	0.00	77.94	-	-	0.00	0.00	-	0.00
91	2,879	2,880	<b>17.35</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
92	2,919	2,920	<b>17.18</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
93	2,435	2,436	<b>19.40</b>	105.0	0.00	78.73	-	-	0.00	0.00	-	0.00
94	4,168	4,169	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
95	3,891	3,892	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
96	4,272	4,274	<b>12.18</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
97	4,285	4,286	<b>12.13</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
98	3,794	3,795	<b>13.78</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
99	3,777	3,778	<b>13.84</b>	105.0	0.00	82.54	-	-	0.00	0.00	-	0.00
100	4,486	4,487	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00

Sum 41.41

- Data undefined due to calculation with octave data

## Noise sensitive area: H171 H171

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,801	14,801	<b>-5.04</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
2	14,828	14,828	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
3	14,344	14,344	<b>-4.62</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
4	13,934	13,934	<b>-4.23</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
5	13,601	13,601	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
6	13,569	13,569	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
7	13,325	13,326	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
8	13,146	13,146	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
9	12,665	12,666	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
10	12,614	12,614	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
11	12,353	12,353	<b>-2.59</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
12	11,635	11,635	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
13	11,692	11,692	<b>-1.84</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
14	11,984	11,985	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
15	10,931	10,932	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
16	11,091	11,091	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
17	10,611	10,611	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
18	10,270	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
19	9,994	9,995	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
20	9,556	9,556	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
21	9,565	9,565	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
22	10,722	10,722	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
23	10,162	10,163	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
24	9,355	9,356	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
25	8,711	8,711	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
26	8,944	8,944	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
27	8,372	8,373	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
28	7,769	7,769	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
29	8,194	8,194	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
30	7,928	7,928	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	7,768	7,768	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
32	7,510	7,511	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
33	7,343	7,343	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
34	6,947	6,948	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
35	9,379	9,380	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
36	8,985	8,985	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
37	8,919	8,920	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
38	8,594	8,594	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
39	8,322	8,323	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
40	8,251	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
41	7,390	7,390	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
42	7,511	7,512	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
43	7,110	7,111	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
44	7,423	7,423	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
45	6,899	6,899	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
46	6,748	6,749	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
47	6,593	6,593	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
48	6,470	6,471	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
49	6,518	6,518	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
50	5,626	5,627	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
51	5,743	5,744	<b>8.08</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
52	5,823	5,824	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
53	6,508	6,509	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
54	6,514	6,515	<b>6.32</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
55	8,308	8,308	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
56	7,868	7,868	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
57	7,635	7,635	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
58	7,189	7,190	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
59	5,993	5,994	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
60	5,803	5,804	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
61	5,715	5,715	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
62	5,314	5,315	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
63	5,105	5,106	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
64	5,186	5,187	<b>9.51</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
65	5,343	5,344	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
66	7,555	7,556	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
67	5,439	5,440	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
68	5,491	5,492	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
69	5,057	5,058	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
70	4,833	4,835	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
71	4,405	4,407	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
72	3,856	3,857	<b>13.56</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00
73	4,652	4,654	<b>11.01</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
74	5,520	5,521	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
75	4,946	4,948	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
76	4,549	4,550	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
77	2,612	2,614	<b>18.55</b>	105.0	0.00	79.35	-	-	0.00	0.00	-	0.00
78	3,941	3,942	<b>13.27</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
79	2,553	2,555	<b>18.83</b>	105.0	0.00	79.15	-	-	0.00	0.00	-	0.00
80	657	661	<b>35.23</b>	105.0	0.00	67.41	-	-	0.00	0.00	-	0.00
81	1,247	1,250	<b>27.91</b>	105.0	0.00	72.94	-	-	0.00	0.00	-	0.00
82	940	945	<b>31.21</b>	105.0	0.00	70.51	-	-	0.00	0.00	-	0.00
83	917	922	<b>31.50</b>	105.0	0.00	70.30	-	-	0.00	0.00	-	0.00
84	1,587	1,590	<b>24.96</b>	105.0	0.00	75.03	-	-	0.00	0.00	-	0.00
85	1,774	1,776	<b>23.55</b>	105.0	0.00	75.99	-	-	0.00	0.00	-	0.00
86	2,117	2,120	<b>21.26</b>	105.0	0.00	77.53	-	-	0.00	0.00	-	0.00
87	3,223	3,224	<b>15.91</b>	105.0	0.00	81.17	-	-	0.00	0.00	-	0.00
88	1,892	1,895	<b>22.72</b>	105.0	0.00	76.55	-	-	0.00	0.00	-	0.00
89	2,254	2,256	<b>20.44</b>	105.0	0.00	78.07	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	1,924	1,926	<b>22.51</b>	105.0	0.00	76.69	-	-	0.00	0.00	-	0.00
91	2,650	2,652	<b>18.37</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
92	2,553	2,554	<b>18.83</b>	105.0	0.00	79.15	-	-	0.00	0.00	-	0.00
93	1,783	1,786	<b>23.49</b>	105.0	0.00	76.04	-	-	0.00	0.00	-	0.00
94	4,549	4,550	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
95	4,212	4,213	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
96	4,446	4,447	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
97	4,055	4,057	<b>12.88</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
98	3,486	3,487	<b>14.90</b>	105.0	0.00	81.85	-	-	0.00	0.00	-	0.00
99	3,341	3,343	<b>15.45</b>	105.0	0.00	81.48	-	-	0.00	0.00	-	0.00
100	4,118	4,120	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00

Sum 39.47

- Data undefined due to calculation with octave data

## Noise sensitive area: H172 H172

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,253	15,254	<b>-5.44</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
2	15,296	15,296	<b>-5.48</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
3	14,815	14,815	<b>-5.05</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
4	14,357	14,357	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
5	14,033	14,033	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
6	14,033	14,033	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
7	13,802	13,802	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
8	13,640	13,640	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
9	13,138	13,139	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
10	13,096	13,097	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
11	12,878	12,878	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
12	12,140	12,141	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
13	12,216	12,216	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
14	12,527	12,527	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
15	11,474	11,474	<b>-1.59</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
16	11,583	11,583	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
17	11,142	11,142	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
18	10,818	10,818	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
19	10,514	10,514	<b>-0.38</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
20	10,116	10,116	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
21	10,131	10,131	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
22	11,140	11,140	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
23	10,552	10,552	<b>-0.43</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
24	9,832	9,832	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
25	9,192	9,192	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
26	9,445	9,446	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
27	8,894	8,894	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
28	8,288	8,288	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
29	8,743	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
30	8,488	8,489	<b>2.60</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
31	8,340	8,340	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
32	8,059	8,059	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
33	7,933	7,933	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
34	7,542	7,542	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
35	9,744	9,744	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
36	9,367	9,367	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
37	9,257	9,257	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
38	8,945	8,946	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
39	8,715	8,716	<b>2.23</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
40	8,693	8,693	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,828	7,828	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
42	8,008	8,008	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
43	7,630	7,630	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
44	7,885	7,886	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
45	7,373	7,374	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
46	7,193	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
47	7,132	7,132	<b>5.04</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
48	7,026	7,027	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
49	7,086	7,086	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
50	6,179	6,180	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
51	6,308	6,308	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
52	6,398	6,399	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
53	7,094	7,095	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
54	7,110	7,110	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
55	8,586	8,587	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
56	8,147	8,147	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
57	7,941	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
58	7,514	7,515	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
59	6,398	6,398	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
60	6,229	6,230	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
61	6,193	6,194	<b>7.03</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
62	5,741	5,742	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
63	5,557	5,557	<b>8.55</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
64	5,695	5,696	<b>8.20</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
65	5,874	5,874	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
66	7,787	7,788	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
67	5,701	5,702	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
68	5,721	5,722	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
69	5,341	5,342	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
70	5,148	5,149	<b>9.61</b>	105.0	0.00	85.23	-	-	0.00	0.00	-	0.00
71	4,755	4,756	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
72	4,199	4,200	<b>12.41</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
73	4,891	4,892	<b>10.32</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
74	5,599	5,600	<b>8.44</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
75	5,008	5,009	<b>9.99</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
76	4,611	4,613	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
77	2,794	2,795	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
78	3,920	3,921	<b>13.34</b>	105.0	0.00	82.87	-	-	0.00	0.00	-	0.00
79	2,404	2,406	<b>19.57</b>	105.0	0.00	78.63	-	-	0.00	0.00	-	0.00
80	783	786	<b>33.31</b>	105.0	0.00	68.91	-	-	0.00	0.00	-	0.00
81	832	836	<b>32.62</b>	105.0	0.00	69.44	-	-	0.00	0.00	-	0.00
82	480	488	<b>38.51</b>	105.0	0.00	64.76	-	-	0.00	0.00	-	0.00
83	873	877	<b>32.06</b>	105.0	0.00	69.86	-	-	0.00	0.00	-	0.00
84	1,210	1,213	<b>28.27</b>	105.0	0.00	72.68	-	-	0.00	0.00	-	0.00
85	1,482	1,484	<b>25.81</b>	105.0	0.00	74.43	-	-	0.00	0.00	-	0.00
86	1,862	1,865	<b>22.93</b>	105.0	0.00	76.41	-	-	0.00	0.00	-	0.00
87	2,692	2,693	<b>18.18</b>	105.0	0.00	79.61	-	-	0.00	0.00	-	0.00
88	1,372	1,375	<b>26.76</b>	105.0	0.00	73.77	-	-	0.00	0.00	-	0.00
89	1,665	1,667	<b>24.36</b>	105.0	0.00	75.44	-	-	0.00	0.00	-	0.00
90	1,329	1,331	<b>27.15</b>	105.0	0.00	73.48	-	-	0.00	0.00	-	0.00
91	2,055	2,057	<b>21.66</b>	105.0	0.00	77.26	-	-	0.00	0.00	-	0.00
92	1,967	1,969	<b>22.23</b>	105.0	0.00	76.88	-	-	0.00	0.00	-	0.00
93	1,276	1,280	<b>27.63</b>	105.0	0.00	73.14	-	-	0.00	0.00	-	0.00
94	4,037	4,038	<b>12.94</b>	105.0	0.00	83.12	-	-	0.00	0.00	-	0.00
95	3,686	3,687	<b>14.16</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
96	3,881	3,883	<b>13.47</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
97	3,462	3,463	<b>14.99</b>	105.0	0.00	81.79	-	-	0.00	0.00	-	0.00
98	2,898	2,899	<b>17.27</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
99	2,774	2,775	<b>17.81</b>	105.0	0.00	79.87	-	-	0.00	0.00	-	0.00
100	3,541	3,542	<b>14.69</b>	105.0	0.00	81.99	-	-	0.00	0.00	-	0.00

Sum 42.26



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H173 H173

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,869	15,869	<b>-5.97</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
2	15,905	15,905	<b>-6.00</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
3	15,423	15,423	<b>-5.59</b>	105.0	0.00	94.76	-	-	0.00	0.00	-	0.00
4	14,982	14,982	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
5	14,655	14,655	<b>-4.90</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
6	14,644	14,644	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
7	14,407	14,407	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
8	14,235	14,235	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
9	13,745	13,745	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
10	13,698	13,698	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
11	13,448	13,448	<b>-3.75</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
12	12,727	12,727	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
13	12,787	12,787	<b>-3.06</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
14	13,078	13,079	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
15	12,025	12,026	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
16	12,179	12,179	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
17	11,707	11,707	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
18	11,363	11,363	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
19	11,089	11,089	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
20	10,643	10,643	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
21	10,647	10,647	<b>-0.56</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
22	11,766	11,766	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
23	11,183	11,183	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
24	10,436	10,436	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
25	9,794	9,794	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
26	10,034	10,035	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
27	9,467	9,467	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
28	8,864	8,864	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
29	9,287	9,287	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
30	9,015	9,015	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
31	8,845	8,845	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
32	8,603	8,603	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
33	8,380	8,380	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
34	7,956	7,956	<b>3.50</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
35	10,377	10,378	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
36	9,999	9,999	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
37	9,891	9,892	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
38	9,580	9,580	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
39	9,346	9,346	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
40	9,311	9,312	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
41	8,448	8,448	<b>2.66</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
42	8,600	8,600	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
43	8,205	8,205	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
44	8,496	8,496	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
45	7,978	7,978	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
46	7,810	7,811	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
47	7,688	7,688	<b>3.99</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
48	7,560	7,561	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
49	7,600	7,600	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
50	6,718	6,718	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
51	6,828	6,828	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
52	6,897	6,898	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
53	7,562	7,562	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
54	7,487	7,487	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
55	9,217	9,218	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
56	8,778	8,779	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
57	8,575	8,575	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
58	8,149	8,150	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
59	7,026	7,026	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	6,852	6,852	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
61	6,795	6,796	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
62	6,363	6,364	<b>6.64</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
63	6,171	6,171	<b>7.08</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
64	6,278	6,279	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
65	6,439	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
66	8,412	8,412	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
67	6,331	6,332	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
68	6,347	6,348	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
69	5,974	5,975	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
70	5,783	5,784	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
71	5,389	5,390	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
72	4,833	4,834	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
73	5,519	5,520	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
74	6,180	6,180	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
75	5,583	5,584	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
76	5,189	5,190	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
77	3,417	3,418	<b>15.16</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
78	4,463	4,464	<b>11.58</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
79	2,898	2,899	<b>17.27</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
80	1,418	1,419	<b>26.37</b>	105.0	0.00	74.04	-	-	0.00	0.00	-	0.00
81	1,230	1,233	<b>28.08</b>	105.0	0.00	72.82	-	-	0.00	0.00	-	0.00
82	932	935	<b>31.33</b>	105.0	0.00	70.42	-	-	0.00	0.00	-	0.00
83	686	690	<b>34.77</b>	105.0	0.00	67.78	-	-	0.00	0.00	-	0.00
84	584	590	<b>36.49</b>	105.0	0.00	66.41	-	-	0.00	0.00	-	0.00
85	889	892	<b>31.87</b>	105.0	0.00	70.01	-	-	0.00	0.00	-	0.00
86	1,276	1,279	<b>27.63</b>	105.0	0.00	73.14	-	-	0.00	0.00	-	0.00
87	2,699	2,700	<b>18.15</b>	105.0	0.00	79.63	-	-	0.00	0.00	-	0.00
88	1,500	1,502	<b>25.66</b>	105.0	0.00	74.54	-	-	0.00	0.00	-	0.00
89	1,506	1,508	<b>25.62</b>	105.0	0.00	74.57	-	-	0.00	0.00	-	0.00
90	1,063	1,066	<b>29.81</b>	105.0	0.00	71.55	-	-	0.00	0.00	-	0.00
91	1,746	1,748	<b>23.76</b>	105.0	0.00	75.85	-	-	0.00	0.00	-	0.00
92	1,556	1,558	<b>25.21</b>	105.0	0.00	74.85	-	-	0.00	0.00	-	0.00
93	689	694	<b>34.71</b>	105.0	0.00	67.82	-	-	0.00	0.00	-	0.00
94	4,056	4,057	<b>12.88</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
95	3,677	3,678	<b>14.19</b>	105.0	0.00	82.31	-	-	0.00	0.00	-	0.00
96	3,759	3,760	<b>13.90</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
97	3,079	3,080	<b>16.50</b>	105.0	0.00	80.77	-	-	0.00	0.00	-	0.00
98	2,481	2,483	<b>19.17</b>	105.0	0.00	78.90	-	-	0.00	0.00	-	0.00
99	2,280	2,282	<b>20.28</b>	105.0	0.00	78.17	-	-	0.00	0.00	-	0.00
100	3,072	3,073	<b>16.53</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00

Sum 42.53

- Data undefined due to calculation with octave data

### Noise sensitive area: H174 H174

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	17,372	17,372	<b>-7.17</b>	105.0	0.00	95.80	-	-	0.00	0.00	-	0.00
2	17,358	17,358	<b>-7.16</b>	105.0	0.00	95.79	-	-	0.00	0.00	-	0.00
3	16,868	16,868	<b>-6.78</b>	105.0	0.00	95.54	-	-	0.00	0.00	-	0.00
4	16,569	16,569	<b>-6.54</b>	105.0	0.00	95.39	-	-	0.00	0.00	-	0.00
5	16,218	16,218	<b>-6.26</b>	105.0	0.00	95.20	-	-	0.00	0.00	-	0.00
6	16,113	16,113	<b>-6.17</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
7	15,837	15,837	<b>-5.94</b>	105.0	0.00	94.99	-	-	0.00	0.00	-	0.00
8	15,600	15,600	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
9	15,190	15,190	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
10	15,110	15,110	<b>-5.31</b>	105.0	0.00	94.59	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	14,683	14,683	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
12	14,055	14,055	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
13	14,034	14,034	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
14	14,223	14,223	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
15	13,180	13,180	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
16	13,564	13,564	<b>-3.86</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
17	12,930	12,930	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
18	12,495	12,495	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
19	12,370	12,370	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
20	11,703	11,703	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
21	11,659	11,660	<b>-1.81</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
22	13,372	13,372	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
23	12,853	12,853	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
24	11,888	11,888	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
25	11,237	11,237	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
26	11,401	11,401	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
27	10,760	10,760	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
28	10,174	10,174	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
29	10,441	10,441	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
30	10,099	10,099	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
31	9,842	9,843	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
32	9,772	9,772	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
33	9,162	9,162	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
34	8,630	8,630	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
35	12,097	12,097	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
36	11,688	11,688	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
37	11,656	11,657	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
38	11,323	11,324	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
39	11,014	11,014	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
40	10,871	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
41	10,021	10,021	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
42	10,001	10,002	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
43	9,526	9,526	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
44	10,005	10,005	<b>0.30</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
45	9,459	9,459	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
46	9,372	9,373	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
47	8,924	8,925	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
48	8,707	8,708	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
49	8,664	8,664	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
50	7,908	7,908	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
51	7,938	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
52	7,922	7,923	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
53	8,447	8,448	<b>2.66</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
54	8,050	8,050	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
55	11,061	11,062	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
56	10,621	10,622	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
57	10,385	10,386	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
58	9,935	9,935	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
59	8,683	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
60	8,466	8,466	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
61	8,279	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
62	7,979	7,980	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
63	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
64	7,675	7,675	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
65	7,749	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
66	10,301	10,302	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
67	8,191	8,191	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
68	8,235	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
69	7,810	7,811	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,584	7,585	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
71	7,146	7,147	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
72	6,601	6,601	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
73	7,398	7,399	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
74	8,148	8,149	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
75	7,554	7,555	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
76	7,159	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
77	5,325	5,325	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
78	6,441	6,441	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
79	4,870	4,871	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
80	3,293	3,293	<b>15.64</b>	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
81	3,198	3,199	<b>16.02</b>	105.0	0.00	81.10	-	-	0.00	0.00	-	0.00
82	2,910	2,911	<b>17.22</b>	105.0	0.00	80.28	-	-	0.00	0.00	-	0.00
83	1,838	1,839	<b>23.11</b>	105.0	0.00	76.29	-	-	0.00	0.00	-	0.00
84	1,422	1,424	<b>26.33</b>	105.0	0.00	74.07	-	-	0.00	0.00	-	0.00
85	1,089	1,092	<b>29.52</b>	105.0	0.00	71.77	-	-	0.00	0.00	-	0.00
86	702	708	<b>34.48</b>	105.0	0.00	68.00	-	-	0.00	0.00	-	0.00
87	4,188	4,189	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
88	3,301	3,302	<b>15.61</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
89	2,965	2,966	<b>16.98</b>	105.0	0.00	80.44	-	-	0.00	0.00	-	0.00
90	2,534	2,535	<b>18.92</b>	105.0	0.00	79.08	-	-	0.00	0.00	-	0.00
91	2,830	2,831	<b>17.56</b>	105.0	0.00	80.04	-	-	0.00	0.00	-	0.00
92	2,455	2,456	<b>19.30</b>	105.0	0.00	78.80	-	-	0.00	0.00	-	0.00
93	1,737	1,739	<b>23.82</b>	105.0	0.00	75.81	-	-	0.00	0.00	-	0.00
94	5,442	5,443	<b>8.84</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
95	5,040	5,041	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
96	4,873	4,874	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
97	3,556	3,557	<b>14.64</b>	105.0	0.00	82.02	-	-	0.00	0.00	-	0.00
98	2,989	2,990	<b>16.88</b>	105.0	0.00	80.51	-	-	0.00	0.00	-	0.00
99	2,538	2,539	<b>18.90</b>	105.0	0.00	79.09	-	-	0.00	0.00	-	0.00
100	3,200	3,201	<b>16.01</b>	105.0	0.00	81.11	-	-	0.00	0.00	-	0.00

Sum 37.30

- Data undefined due to calculation with octave data

### Noise sensitive area: H175 H175

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	16,483	16,483	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
2	16,458	16,458	<b>-6.45</b>	105.0	0.00	95.33	-	-	0.00	0.00	-	0.00
3	15,966	15,967	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00
4	15,704	15,704	<b>-5.83</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
5	15,346	15,346	<b>-5.52</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
6	15,218	15,218	<b>-5.41</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
7	14,933	14,933	<b>-5.16</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
8	14,685	14,685	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
9	14,290	14,290	<b>-4.57</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
10	14,203	14,203	<b>-4.48</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
11	13,752	13,752	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
12	13,136	13,136	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
13	13,104	13,104	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
14	13,284	13,284	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
15	12,243	12,243	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
16	12,654	12,655	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
17	11,998	11,998	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
18	11,556	11,556	<b>-1.68</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
19	11,446	11,446	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
20	10,761	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,716	10,716	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
22	12,519	12,519	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
23	12,025	12,025	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
24	10,994	10,994	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
25	10,343	10,343	<b>-0.16</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
26	10,492	10,492	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
27	9,839	9,840	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
28	9,258	9,258	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
29	9,506	9,506	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
30	9,159	9,159	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
31	8,899	8,899	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
32	8,839	8,839	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
33	8,218	8,218	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
34	7,691	7,691	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
35	11,293	11,293	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
36	10,870	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
37	10,878	10,878	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
38	10,534	10,534	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
39	10,190	10,191	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
40	10,009	10,009	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
41	9,166	9,166	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
42	9,102	9,102	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
43	8,612	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
44	9,130	9,131	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
45	8,579	8,580	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
46	8,516	8,516	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
47	8,001	8,001	<b>3.42</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
48	7,774	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
49	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
50	6,982	6,982	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
51	7,003	7,004	<b>5.30</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
52	6,982	6,982	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
53	7,502	7,503	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
54	7,117	7,118	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
55	10,338	10,339	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
56	9,899	9,900	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
57	9,640	9,640	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
58	9,175	9,175	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
59	7,864	7,864	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
60	7,632	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
61	7,406	7,406	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
62	7,149	7,149	<b>5.01</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
63	6,888	6,888	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
64	6,783	6,784	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
65	6,841	6,841	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
66	9,623	9,623	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
67	7,495	7,496	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
68	7,566	7,567	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
69	7,098	7,099	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
70	6,849	6,850	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
71	6,387	6,388	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
72	5,854	5,855	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
73	6,727	6,728	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
74	7,615	7,615	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
75	7,036	7,036	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
76	6,638	6,638	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
77	4,712	4,713	<b>10.84</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
78	5,989	5,989	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
79	4,491	4,492	<b>11.50</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	2,720	2,720	<b>18.06</b>	105.0	0.00	79.69	-	-	0.00	0.00	-	0.00
81	2,866	2,868	<b>17.40</b>	105.0	0.00	80.15	-	-	0.00	0.00	-	0.00
82	2,531	2,532	<b>18.93</b>	105.0	0.00	79.07	-	-	0.00	0.00	-	0.00
83	1,230	1,232	<b>28.08</b>	105.0	0.00	72.81	-	-	0.00	0.00	-	0.00
84	1,315	1,318	<b>27.27</b>	105.0	0.00	73.40	-	-	0.00	0.00	-	0.00
85	1,010	1,014	<b>30.40</b>	105.0	0.00	71.12	-	-	0.00	0.00	-	0.00
86	855	860	<b>32.30</b>	105.0	0.00	69.69	-	-	0.00	0.00	-	0.00
87	4,276	4,277	<b>12.16</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
88	3,167	3,168	<b>16.14</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
89	3,031	3,032	<b>16.70</b>	105.0	0.00	80.63	-	-	0.00	0.00	-	0.00
90	2,563	2,565	<b>18.78</b>	105.0	0.00	79.18	-	-	0.00	0.00	-	0.00
91	3,065	3,067	<b>16.56</b>	105.0	0.00	80.73	-	-	0.00	0.00	-	0.00
92	2,736	2,737	<b>17.98</b>	105.0	0.00	79.75	-	-	0.00	0.00	-	0.00
93	1,793	1,796	<b>23.42</b>	105.0	0.00	76.08	-	-	0.00	0.00	-	0.00
94	5,608	5,609	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
95	5,213	5,214	<b>9.43</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
96	5,171	5,172	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
97	4,079	4,080	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
98	3,472	3,474	<b>14.95</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
99	3,083	3,084	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
100	3,831	3,832	<b>13.65</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00

Sum 36.97

- Data undefined due to calculation with octave data

### Noise sensitive area: H198 H198

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,677	15,678	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
2	15,634	15,635	<b>-5.77</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
3	15,142	15,142	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
4	14,935	14,935	<b>-5.16</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
5	14,567	14,567	<b>-4.82</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
6	14,403	14,403	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
7	14,106	14,106	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
8	13,839	13,839	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
9	13,469	13,469	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
10	13,372	13,372	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
11	12,876	12,876	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
12	12,283	12,283	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
13	12,231	12,232	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
14	12,391	12,391	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
15	11,354	11,354	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
16	11,819	11,819	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
17	11,123	11,124	<b>-1.16</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
18	10,664	10,665	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
19	10,586	10,586	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
20	9,860	9,860	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
21	9,808	9,808	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
22	11,770	11,770	<b>-1.93</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
23	11,312	11,313	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
24	10,187	10,187	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
25	9,536	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
26	9,659	9,659	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
27	8,988	8,988	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
28	8,414	8,415	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
29	8,624	8,625	<b>2.37</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
30	8,266	8,266	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	7,993	7,994	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
32	7,963	7,963	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
33	7,294	7,294	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
34	6,763	6,763	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
35	10,615	10,616	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
36	10,176	10,176	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
37	10,235	10,236	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
38	9,879	9,879	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
39	9,489	9,489	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
40	9,251	9,252	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
41	8,422	8,422	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
42	8,288	8,288	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
43	7,776	7,776	<b>3.83</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
44	8,357	8,357	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
45	7,799	7,800	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
46	7,772	7,773	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
47	7,145	7,146	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
48	6,899	6,900	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
49	6,833	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
50	6,122	6,122	<b>7.19</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
51	6,125	6,126	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
52	6,088	6,088	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
53	6,588	6,588	<b>6.16</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
54	6,190	6,190	<b>7.03</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
55	9,771	9,771	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
56	9,335	9,336	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
57	9,046	9,047	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
58	8,565	8,566	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
59	7,180	7,180	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
60	6,926	6,927	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
61	6,639	6,640	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
62	6,452	6,452	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
63	6,167	6,168	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
64	5,990	5,990	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
65	6,016	6,017	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
66	9,116	9,116	<b>1.60</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
67	6,983	6,984	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
68	7,088	7,089	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
69	6,569	6,570	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
70	6,291	6,292	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
71	5,802	5,803	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
72	5,293	5,294	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
73	6,256	6,257	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
74	7,303	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
75	6,749	6,750	<b>5.82</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
76	6,354	6,355	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
77	4,359	4,360	<b>11.90</b>	105.0	0.00	83.79	-	-	0.00	0.00	-	0.00
78	5,799	5,800	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
79	4,429	4,430	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
80	2,535	2,536	<b>18.92</b>	105.0	0.00	79.08	-	-	0.00	0.00	-	0.00
81	2,960	2,962	<b>17.00</b>	105.0	0.00	80.43	-	-	0.00	0.00	-	0.00
82	2,609	2,611	<b>18.56</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
83	1,318	1,321	<b>27.24</b>	105.0	0.00	73.42	-	-	0.00	0.00	-	0.00
84	1,878	1,880	<b>22.82</b>	105.0	0.00	76.48	-	-	0.00	0.00	-	0.00
85	1,686	1,689	<b>24.19</b>	105.0	0.00	75.55	-	-	0.00	0.00	-	0.00
86	1,690	1,694	<b>24.16</b>	105.0	0.00	75.58	-	-	0.00	0.00	-	0.00
87	4,679	4,680	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
88	3,433	3,435	<b>15.10</b>	105.0	0.00	81.72	-	-	0.00	0.00	-	0.00
89	3,479	3,481	<b>14.92</b>	105.0	0.00	81.83	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	3,022	3,023	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
91	3,639	3,641	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
92	3,361	3,363	<b>15.37</b>	105.0	0.00	81.53	-	-	0.00	0.00	-	0.00
93	2,367	2,369	<b>19.78</b>	105.0	0.00	78.49	-	-	0.00	0.00	-	0.00
94	6,037	6,038	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
95	5,658	5,659	<b>8.29</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
96	5,715	5,716	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
97	4,808	4,809	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
98	4,192	4,193	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
99	3,850	3,851	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
100	4,628	4,630	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00

Sum 33.05

- Data undefined due to calculation with octave data

### Noise sensitive area: H199 H199

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	14,002	14,002	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
2	13,959	13,959	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
3	13,466	13,466	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
4	13,269	13,269	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
5	12,898	12,898	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
6	12,727	12,727	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
7	12,430	12,430	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
8	12,168	12,168	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
9	11,793	11,793	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
10	11,697	11,697	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
11	11,224	11,224	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
12	10,614	10,614	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
13	10,576	10,576	<b>-0.46</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
14	10,761	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
15	9,718	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
16	10,145	10,145	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
17	9,470	9,471	<b>1.07</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
18	9,033	9,033	<b>1.73</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
19	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
20	8,249	8,249	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
21	8,214	8,214	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
22	10,115	10,115	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
23	9,681	9,682	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
24	8,512	8,512	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
25	7,861	7,861	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
26	7,984	7,984	<b>3.45</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
27	7,318	7,319	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
28	6,741	6,742	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
29	6,979	6,979	<b>5.35</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
30	6,639	6,639	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
31	6,396	6,396	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
32	6,311	6,312	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
33	5,794	5,794	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
34	5,325	5,325	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
35	9,014	9,015	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
36	8,562	8,562	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
37	8,669	8,669	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
38	8,301	8,301	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
39	7,870	7,871	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
40	7,595	7,596	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,775	6,775	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
42	6,612	6,613	<b>6.11</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
43	6,101	6,102	<b>7.24</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
44	6,694	6,694	<b>5.93</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
45	6,133	6,134	<b>7.16</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
46	6,127	6,128	<b>7.18</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
47	5,477	5,477	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
48	5,247	5,247	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
49	5,204	5,204	<b>9.46</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00
50	4,456	4,456	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
51	4,476	4,477	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
52	4,465	4,465	<b>11.58</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
53	5,028	5,029	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
54	4,826	4,826	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
55	8,289	8,289	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
56	7,860	7,861	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
57	7,539	7,540	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
58	7,043	7,043	<b>5.22</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
59	5,587	5,588	<b>8.47</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
60	5,315	5,316	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
61	4,982	4,983	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
62	4,852	4,853	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
63	4,547	4,548	<b>11.33</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
64	4,321	4,322	<b>12.02</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
65	4,341	4,341	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
66	7,716	7,716	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
67	5,607	5,608	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
68	5,759	5,760	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
69	5,176	5,177	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
70	4,864	4,865	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
71	4,348	4,349	<b>11.94</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
72	3,888	3,889	<b>13.45</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
73	4,958	4,959	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
74	6,226	6,227	<b>6.95</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
75	5,732	5,733	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
76	5,358	5,359	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
77	3,366	3,367	<b>15.35</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
78	4,993	4,994	<b>10.03</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
79	3,966	3,966	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
80	2,223	2,224	<b>20.62</b>	105.0	0.00	77.94	-	-	0.00	0.00	-	0.00
81	3,024	3,025	<b>16.73</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
82	2,741	2,743	<b>17.96</b>	105.0	0.00	79.76	-	-	0.00	0.00	-	0.00
83	2,083	2,085	<b>21.48</b>	105.0	0.00	77.38	-	-	0.00	0.00	-	0.00
84	2,925	2,927	<b>17.15</b>	105.0	0.00	80.33	-	-	0.00	0.00	-	0.00
85	2,913	2,914	<b>17.20</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
86	3,090	3,091	<b>16.46</b>	105.0	0.00	80.80	-	-	0.00	0.00	-	0.00
87	5,023	5,024	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
88	3,694	3,695	<b>14.13</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
89	4,038	4,039	<b>12.94</b>	105.0	0.00	83.13	-	-	0.00	0.00	-	0.00
90	3,668	3,669	<b>14.22</b>	105.0	0.00	82.29	-	-	0.00	0.00	-	0.00
91	4,389	4,389	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
92	4,228	4,229	<b>12.32</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
93	3,309	3,311	<b>15.57</b>	105.0	0.00	81.40	-	-	0.00	0.00	-	0.00
94	6,335	6,336	<b>6.71</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
95	6,008	6,009	<b>7.45</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
96	6,250	6,251	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
97	5,751	5,752	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
98	5,153	5,154	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
99	4,926	4,926	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
100	5,724	5,724	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00

Sum 30.67

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H200 H200

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,369	13,369	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
2	13,361	13,361	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
3	12,872	12,872	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
4	12,573	12,573	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
5	12,217	12,218	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
6	12,113	12,113	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
7	11,843	11,843	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
8	11,626	11,626	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
9	11,193	11,193	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
10	11,120	11,120	<b>-1.16</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
11	10,773	10,773	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
12	10,094	10,094	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
13	10,116	10,116	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
14	10,376	10,376	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
15	9,324	9,324	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
16	9,580	9,581	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
17	9,025	9,025	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
18	8,655	8,655	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
19	8,430	8,430	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
20	7,925	7,925	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
21	7,926	7,926	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
22	9,386	9,387	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
23	8,902	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
24	7,887	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
25	7,237	7,237	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
26	7,421	7,421	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
27	6,809	6,810	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
28	6,213	6,213	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
29	6,580	6,580	<b>6.17</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
30	6,297	6,297	<b>6.79</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
31	6,125	6,125	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
32	5,898	5,898	<b>7.71</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
33	5,706	5,706	<b>8.18</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
34	5,334	5,334	<b>9.12</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
35	8,192	8,193	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
36	7,757	7,758	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
37	7,810	7,811	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
38	7,453	7,454	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
39	7,073	7,073	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
40	6,877	6,877	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
41	6,033	6,034	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
42	6,008	6,008	<b>7.45</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
43	5,558	5,558	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
44	6,003	6,003	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
45	5,456	5,456	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
46	5,383	5,384	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
47	5,000	5,000	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
48	4,848	4,848	<b>10.44</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
49	4,879	4,880	<b>10.35</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
50	4,012	4,012	<b>13.03</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
51	4,109	4,110	<b>12.71</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
52	4,178	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
53	4,864	4,864	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
54	4,941	4,941	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
55	7,372	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
56	6,940	6,940	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
57	6,636	6,637	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
58	6,149	6,149	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
59	4,757	4,757	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	4,510	4,511	<b>11.44</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
61	4,277	4,278	<b>12.16</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
62	4,032	4,033	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
63	3,759	3,760	<b>13.90</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
64	3,676	3,677	<b>14.20</b>	105.0	0.00	82.31	-	-	0.00	0.00	-	0.00
65	3,779	3,779	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
66	6,765	6,766	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
67	4,646	4,647	<b>11.03</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
68	4,789	4,790	<b>10.61</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
69	4,219	4,220	<b>12.35</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
70	3,917	3,918	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
71	3,410	3,412	<b>15.18</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
72	2,930	2,931	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
73	3,982	3,983	<b>13.13</b>	105.0	0.00	83.00	-	-	0.00	0.00	-	0.00
74	5,251	5,252	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
75	4,766	4,767	<b>10.68</b>	105.0	0.00	84.56	-	-	0.00	0.00	-	0.00
76	4,397	4,398	<b>11.78</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
77	2,429	2,430	<b>19.44</b>	105.0	0.00	78.71	-	-	0.00	0.00	-	0.00
78	4,081	4,082	<b>12.80</b>	105.0	0.00	83.22	-	-	0.00	0.00	-	0.00
79	3,216	3,217	<b>15.95</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
80	1,766	1,767	<b>23.62</b>	105.0	0.00	75.94	-	-	0.00	0.00	-	0.00
81	2,645	2,646	<b>18.40</b>	105.0	0.00	79.45	-	-	0.00	0.00	-	0.00
82	2,448	2,450	<b>19.33</b>	105.0	0.00	78.78	-	-	0.00	0.00	-	0.00
83	2,315	2,317	<b>20.08</b>	105.0	0.00	78.30	-	-	0.00	0.00	-	0.00
84	3,135	3,136	<b>16.27</b>	105.0	0.00	80.93	-	-	0.00	0.00	-	0.00
85	3,230	3,231	<b>15.89</b>	105.0	0.00	81.19	-	-	0.00	0.00	-	0.00
86	3,497	3,498	<b>14.85</b>	105.0	0.00	81.88	-	-	0.00	0.00	-	0.00
87	4,635	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
88	3,350	3,351	<b>15.42</b>	105.0	0.00	81.50	-	-	0.00	0.00	-	0.00
89	3,836	3,837	<b>13.63</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
90	3,551	3,552	<b>14.65</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
91	4,274	4,274	<b>12.17</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
92	4,197	4,197	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
93	3,408	3,409	<b>15.19</b>	105.0	0.00	81.65	-	-	0.00	0.00	-	0.00
94	5,872	5,873	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
95	5,583	5,584	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
96	5,921	5,922	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
97	5,689	5,689	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
98	5,128	5,129	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
99	4,987	4,987	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
100	5,765	5,766	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00

Sum 31.94

- Data undefined due to calculation with octave data

### Noise sensitive area: H201 H201

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,671	13,671	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
2	13,725	13,725	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
3	13,247	13,247	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
4	12,761	12,761	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
5	12,441	12,441	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
6	12,460	12,460	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
7	12,240	12,240	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
8	12,099	12,099	<b>-2.31</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
9	11,573	11,573	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
10	11,541	11,541	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	11,392	11,392	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
12	10,618	10,618	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
13	10,728	10,728	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
14	11,086	11,086	<b>-1.11</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
15	10,035	10,035	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	10,041	10,041	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
17	9,671	9,672	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
18	9,397	9,397	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
19	9,021	9,021	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
20	8,743	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
21	8,786	8,786	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
22	9,544	9,544	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
23	8,952	8,953	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
24	8,274	8,274	<b>2.95</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
25	7,639	7,640	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
26	7,921	7,922	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
27	7,409	7,409	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
28	6,801	6,801	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
29	7,335	7,335	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
30	7,127	7,127	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
31	7,039	7,039	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
32	6,654	6,654	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
33	6,796	6,796	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
34	6,504	6,504	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
35	8,147	8,147	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
36	7,767	7,768	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
37	7,668	7,669	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
38	7,352	7,352	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
39	7,116	7,117	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
40	7,108	7,108	<b>5.09</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
41	6,242	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
42	6,480	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
43	6,145	6,146	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
44	6,317	6,318	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
45	5,818	5,818	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
46	5,613	5,613	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
47	5,704	5,705	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
48	5,659	5,659	<b>8.29</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
49	5,774	5,774	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
50	4,809	4,810	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
51	4,991	4,991	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
52	5,141	5,141	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
53	5,913	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
54	6,183	6,183	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
55	7,034	7,034	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
56	6,593	6,594	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
57	6,368	6,369	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
58	5,931	5,932	<b>7.63</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
59	4,801	4,801	<b>10.58</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
60	4,639	4,640	<b>11.05</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
61	4,648	4,649	<b>11.02</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
62	4,153	4,154	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
63	3,986	3,986	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
64	4,204	4,205	<b>12.40</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
65	4,431	4,432	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
66	6,277	6,278	<b>6.84</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
67	4,161	4,162	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
68	4,214	4,215	<b>12.36</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
69	3,782	3,783	<b>13.82</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	3,568	3,569	<b>14.59</b>	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00
71	3,160	3,161	<b>16.17</b>	105.0	0.00	81.00	-	-	0.00	0.00	-	0.00
72	2,605	2,606	<b>18.58</b>	105.0	0.00	79.32	-	-	0.00	0.00	-	0.00
73	3,375	3,376	<b>15.32</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
74	4,318	4,319	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
75	3,766	3,767	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
76	3,373	3,374	<b>15.33</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
77	1,375	1,377	<b>26.73</b>	105.0	0.00	73.78	-	-	0.00	0.00	-	0.00
78	2,881	2,883	<b>17.34</b>	105.0	0.00	80.20	-	-	0.00	0.00	-	0.00
79	1,839	1,840	<b>23.10</b>	105.0	0.00	76.30	-	-	0.00	0.00	-	0.00
80	828	830	<b>32.70</b>	105.0	0.00	69.38	-	-	0.00	0.00	-	0.00
81	1,573	1,575	<b>25.08</b>	105.0	0.00	74.95	-	-	0.00	0.00	-	0.00
82	1,535	1,537	<b>25.38</b>	105.0	0.00	74.74	-	-	0.00	0.00	-	0.00
83	2,195	2,196	<b>20.79</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
84	2,791	2,792	<b>17.74</b>	105.0	0.00	79.92	-	-	0.00	0.00	-	0.00
85	3,022	3,023	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
86	3,381	3,382	<b>15.30</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
87	3,417	3,418	<b>15.16</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
88	2,240	2,242	<b>20.52</b>	105.0	0.00	78.01	-	-	0.00	0.00	-	0.00
89	2,853	2,854	<b>17.46</b>	105.0	0.00	80.11	-	-	0.00	0.00	-	0.00
90	2,701	2,702	<b>18.14</b>	105.0	0.00	79.63	-	-	0.00	0.00	-	0.00
91	3,363	3,364	<b>15.36</b>	105.0	0.00	81.54	-	-	0.00	0.00	-	0.00
92	3,396	3,397	<b>15.24</b>	105.0	0.00	81.62	-	-	0.00	0.00	-	0.00
93	2,866	2,867	<b>17.41</b>	105.0	0.00	80.15	-	-	0.00	0.00	-	0.00
94	4,575	4,576	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
95	4,316	4,316	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
96	4,725	4,726	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
97	4,770	4,771	<b>10.66</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
98	4,277	4,278	<b>12.16</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
99	4,251	4,252	<b>12.24</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
100	4,967	4,968	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00

Sum 36.64

- Data undefined due to calculation with octave data

### Noise sensitive area: H202 H202

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,605	12,605	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
2	12,636	12,637	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
3	12,154	12,154	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
4	11,740	11,740	<b>-1.90</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
5	11,404	11,404	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
6	11,375	11,376	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
7	11,138	11,139	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
8	10,975	10,975	<b>-0.97</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
9	10,476	10,476	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
10	10,431	10,432	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
11	10,234	10,234	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
12	9,479	9,479	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
13	9,571	9,571	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
14	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
15	8,864	8,864	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
16	8,917	8,918	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
17	8,508	8,508	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
18	8,223	8,223	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
19	7,866	7,866	<b>3.66</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
20	7,568	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	7,612	7,612	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
22	8,530	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
23	7,989	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
24	7,168	7,168	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
25	6,527	6,527	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
26	6,783	6,783	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
27	6,249	6,249	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
28	5,642	5,642	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
29	6,160	6,160	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
30	5,953	5,953	<b>7.58</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
31	5,872	5,872	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
32	5,478	5,479	<b>8.74</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
33	5,680	5,680	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
34	5,432	5,432	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
35	7,234	7,234	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
36	6,822	6,822	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
37	6,811	6,812	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
38	6,468	6,469	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
39	6,150	6,150	<b>7.12</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
40	6,054	6,054	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
41	5,193	5,194	<b>9.49</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
42	5,344	5,344	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
43	4,985	4,985	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
44	5,228	5,228	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
45	4,710	4,710	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
46	4,551	4,552	<b>11.31</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
47	4,530	4,531	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
48	4,485	4,485	<b>11.52</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
49	4,607	4,608	<b>11.15</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
50	3,636	3,636	<b>14.34</b>	105.0	0.00	82.21	-	-	0.00	0.00	-	0.00
51	3,826	3,827	<b>13.67</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
52	3,992	3,992	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
53	4,785	4,785	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
54	5,172	5,172	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
55	6,309	6,310	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
56	5,874	5,874	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
57	5,590	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
58	5,116	5,116	<b>9.70</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
59	3,818	3,818	<b>13.69</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
60	3,612	3,613	<b>14.43</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
61	3,528	3,529	<b>14.74</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00
62	3,124	3,124	<b>16.32</b>	105.0	0.00	80.90	-	-	0.00	0.00	-	0.00
63	2,908	2,909	<b>17.23</b>	105.0	0.00	80.27	-	-	0.00	0.00	-	0.00
64	3,044	3,044	<b>16.65</b>	105.0	0.00	80.67	-	-	0.00	0.00	-	0.00
65	3,258	3,258	<b>15.78</b>	105.0	0.00	81.26	-	-	0.00	0.00	-	0.00
66	5,671	5,671	<b>8.26</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
67	3,545	3,546	<b>14.68</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
68	3,680	3,682	<b>14.18</b>	105.0	0.00	82.32	-	-	0.00	0.00	-	0.00
69	3,122	3,123	<b>16.33</b>	105.0	0.00	80.89	-	-	0.00	0.00	-	0.00
70	2,832	2,833	<b>17.55</b>	105.0	0.00	80.05	-	-	0.00	0.00	-	0.00
71	2,341	2,343	<b>19.93</b>	105.0	0.00	78.39	-	-	0.00	0.00	-	0.00
72	1,836	1,838	<b>23.12</b>	105.0	0.00	76.29	-	-	0.00	0.00	-	0.00
73	2,872	2,873	<b>17.38</b>	105.0	0.00	80.17	-	-	0.00	0.00	-	0.00
74	4,180	4,181	<b>12.47</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
75	3,723	3,724	<b>14.03</b>	105.0	0.00	82.42	-	-	0.00	0.00	-	0.00
76	3,370	3,371	<b>15.34</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
77	1,525	1,527	<b>25.46</b>	105.0	0.00	74.68	-	-	0.00	0.00	-	0.00
78	3,176	3,177	<b>16.10</b>	105.0	0.00	81.04	-	-	0.00	0.00	-	0.00
79	2,682	2,683	<b>18.23</b>	105.0	0.00	79.57	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	1,954	1,954	<b>22.32</b>	105.0	0.00	76.82	-	-	0.00	0.00	-	0.00
81	2,748	2,749	<b>17.93</b>	105.0	0.00	79.78	-	-	0.00	0.00	-	0.00
82	2,688	2,689	<b>18.20</b>	105.0	0.00	79.59	-	-	0.00	0.00	-	0.00
83	3,059	3,060	<b>16.59</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
84	3,784	3,785	<b>13.81</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00
85	3,959	3,959	<b>13.21</b>	105.0	0.00	82.95	-	-	0.00	0.00	-	0.00
86	4,281	4,281	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
87	4,551	4,552	<b>11.31</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
88	3,413	3,414	<b>15.17</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
89	4,028	4,028	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
90	3,859	3,859	<b>13.55</b>	105.0	0.00	82.73	-	-	0.00	0.00	-	0.00
91	4,534	4,534	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
92	4,550	4,550	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
93	3,939	3,940	<b>13.27</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
94	5,640	5,641	<b>8.34</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
95	5,411	5,412	<b>8.92</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
96	5,860	5,860	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
97	5,944	5,945	<b>7.60</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
98	5,443	5,444	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
99	5,397	5,397	<b>8.95</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
100	6,127	6,128	<b>7.18</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00

Sum 33.51

- Data undefined due to calculation with octave data

### Noise sensitive area: H203 H203

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,853	13,853	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
2	13,926	13,927	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
3	13,452	13,452	<b>-3.75</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
4	12,909	12,910	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
5	12,601	12,601	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
6	12,658	12,658	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
7	12,454	12,454	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
8	12,337	12,337	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
9	11,784	11,784	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
10	11,765	11,765	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
11	11,673	11,673	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
12	10,875	10,875	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
13	11,009	11,009	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
14	11,394	11,394	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
15	10,346	10,346	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
16	10,281	10,281	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
17	9,966	9,966	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
18	9,718	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
19	9,302	9,302	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
20	9,087	9,087	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
21	9,140	9,140	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
22	9,693	9,693	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
23	9,070	9,071	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
24	8,499	8,500	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
25	7,873	7,873	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
26	8,182	8,182	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
27	7,699	7,700	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
28	7,091	7,092	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
29	7,667	7,667	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
30	7,480	7,480	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	7,412	7,412	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
32	6,989	6,990	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
33	7,211	7,211	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
34	6,936	6,936	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
35	8,238	8,238	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
36	7,879	7,880	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
37	7,730	7,731	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
38	7,430	7,430	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
39	7,243	7,244	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
40	7,293	7,294	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
41	6,429	6,429	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
42	6,741	6,742	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
43	6,441	6,441	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
44	6,535	6,535	<b>6.27</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
45	6,054	6,054	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
46	5,812	5,813	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
47	6,033	6,034	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
48	6,014	6,015	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
49	6,148	6,148	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
50	5,168	5,169	<b>9.56</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
51	5,368	5,368	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
52	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
53	6,321	6,321	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
54	6,629	6,629	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
55	7,032	7,033	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
56	6,594	6,594	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
57	6,398	6,399	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
58	5,983	5,984	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
59	4,955	4,956	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
60	4,823	4,824	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
61	4,901	4,902	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
62	4,344	4,345	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
63	4,211	4,212	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
64	4,506	4,507	<b>11.45</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
65	4,761	4,761	<b>10.69</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
66	6,229	6,229	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
67	4,146	4,147	<b>12.58</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
68	4,163	4,164	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
69	3,794	3,796	<b>13.77</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
70	3,619	3,621	<b>14.40</b>	105.0	0.00	82.18	-	-	0.00	0.00	-	0.00
71	3,260	3,262	<b>15.77</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
72	2,705	2,707	<b>18.12</b>	105.0	0.00	79.65	-	-	0.00	0.00	-	0.00
73	3,333	3,334	<b>15.48</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
74	4,111	4,112	<b>12.70</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
75	3,536	3,538	<b>14.71</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
76	3,139	3,140	<b>16.25</b>	105.0	0.00	80.94	-	-	0.00	0.00	-	0.00
77	1,237	1,240	<b>28.01</b>	105.0	0.00	72.87	-	-	0.00	0.00	-	0.00
78	2,560	2,562	<b>18.79</b>	105.0	0.00	79.17	-	-	0.00	0.00	-	0.00
79	1,388	1,391	<b>26.61</b>	105.0	0.00	73.87	-	-	0.00	0.00	-	0.00
80	798	801	<b>33.10</b>	105.0	0.00	69.07	-	-	0.00	0.00	-	0.00
81	1,296	1,299	<b>27.44</b>	105.0	0.00	73.27	-	-	0.00	0.00	-	0.00
82	1,357	1,360	<b>26.89</b>	105.0	0.00	73.67	-	-	0.00	0.00	-	0.00
83	2,292	2,294	<b>20.21</b>	105.0	0.00	78.21	-	-	0.00	0.00	-	0.00
84	2,767	2,769	<b>17.84</b>	105.0	0.00	79.85	-	-	0.00	0.00	-	0.00
85	3,037	3,038	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
86	3,413	3,414	<b>15.17</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
87	3,009	3,010	<b>16.79</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
88	1,904	1,906	<b>22.65</b>	105.0	0.00	76.60	-	-	0.00	0.00	-	0.00
89	2,559	2,561	<b>18.80</b>	105.0	0.00	79.17	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	2,472	2,474	<b>19.21</b>	105.0	0.00	78.87	-	-	0.00	0.00	-	0.00
91	3,088	3,090	<b>16.46</b>	105.0	0.00	80.80	-	-	0.00	0.00	-	0.00
92	3,166	3,168	<b>16.14</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00
93	2,760	2,762	<b>17.87</b>	105.0	0.00	79.83	-	-	0.00	0.00	-	0.00
94	4,131	4,133	<b>12.63</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
95	3,883	3,885	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
96	4,317	4,319	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
97	4,470	4,472	<b>11.56</b>	105.0	0.00	84.01	-	-	0.00	0.00	-	0.00
98	4,010	4,011	<b>13.03</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
99	4,029	4,030	<b>12.97</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
100	4,711	4,712	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00

Sum 37.58

- Data undefined due to calculation with octave data

## Noise sensitive area: H204 H204

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,571	12,572	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
2	12,749	12,749	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
3	12,307	12,307	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
4	11,468	11,468	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
5	11,225	11,226	<b>-1.29</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
6	11,490	11,490	<b>-1.60</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
7	11,379	11,379	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
8	11,405	11,405	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
9	10,707	10,707	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
10	10,761	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
11	11,043	11,043	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
12	10,101	10,101	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
13	10,396	10,396	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
14	10,960	10,960	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
15	9,965	9,965	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
16	9,421	9,421	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
17	9,477	9,478	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
18	9,435	9,435	<b>1.12</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
19	8,748	8,749	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
20	9,005	9,005	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
21	9,143	9,143	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
22	8,335	8,336	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
23	7,574	7,575	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
24	7,626	7,626	<b>4.10</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
25	7,084	7,085	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
26	7,545	7,546	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
27	7,296	7,296	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
28	6,733	6,733	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
29	7,570	7,570	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
30	7,555	7,555	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
31	7,668	7,668	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
32	6,968	6,968	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
33	7,881	7,882	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
34	7,827	7,827	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
35	6,645	6,646	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
36	6,406	6,406	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
37	6,023	6,023	<b>7.42</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
38	5,813	5,814	<b>7.91</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
39	5,887	5,887	<b>7.74</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
40	6,258	6,258	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,466	5,467	<b>8.77</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
42	6,213	6,213	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
43	6,169	6,169	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
44	5,748	5,748	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
45	5,429	5,430	<b>8.87</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
46	4,990	4,991	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
47	6,044	6,044	<b>7.37</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
48	6,231	6,231	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
49	6,509	6,509	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
50	5,507	5,507	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
51	5,826	5,826	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
52	6,121	6,122	<b>7.19</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
53	6,983	6,983	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
54	7,741	7,741	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
55	5,081	5,082	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
56	4,669	4,670	<b>10.96</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
57	4,619	4,620	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
58	4,341	4,342	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
59	3,990	3,990	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
60	4,049	4,049	<b>12.91</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
61	4,539	4,540	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
62	3,707	3,707	<b>14.09</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
63	3,810	3,811	<b>13.72</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
64	4,531	4,532	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
65	4,933	4,933	<b>10.20</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
66	4,126	4,127	<b>12.65</b>	105.0	0.00	83.31	-	-	0.00	0.00	-	0.00
67	2,417	2,418	<b>19.50</b>	105.0	0.00	78.67	-	-	0.00	0.00	-	0.00
68	2,251	2,252	<b>20.46</b>	105.0	0.00	78.05	-	-	0.00	0.00	-	0.00
69	2,298	2,299	<b>20.18</b>	105.0	0.00	78.23	-	-	0.00	0.00	-	0.00
70	2,390	2,392	<b>19.65</b>	105.0	0.00	78.57	-	-	0.00	0.00	-	0.00
71	2,440	2,442	<b>19.37</b>	105.0	0.00	78.75	-	-	0.00	0.00	-	0.00
72	2,169	2,171	<b>20.94</b>	105.0	0.00	77.73	-	-	0.00	0.00	-	0.00
73	1,696	1,697	<b>24.13</b>	105.0	0.00	75.60	-	-	0.00	0.00	-	0.00
74	1,611	1,614	<b>24.77</b>	105.0	0.00	75.16	-	-	0.00	0.00	-	0.00
75	1,010	1,014	<b>30.39</b>	105.0	0.00	71.12	-	-	0.00	0.00	-	0.00
76	622	629	<b>35.79</b>	105.0	0.00	66.97	-	-	0.00	0.00	-	0.00
77	1,511	1,513	<b>25.58</b>	105.0	0.00	74.59	-	-	0.00	0.00	-	0.00
78	406	414	<b>40.23</b>	105.0	0.00	63.34	-	-	0.00	0.00	-	0.00
79	1,809	1,811	<b>23.31</b>	105.0	0.00	76.16	-	-	0.00	0.00	-	0.00
80	3,324	3,325	<b>15.52</b>	105.0	0.00	81.43	-	-	0.00	0.00	-	0.00
81	3,396	3,396	<b>15.24</b>	105.0	0.00	81.62	-	-	0.00	0.00	-	0.00
82	3,645	3,646	<b>14.31</b>	105.0	0.00	82.24	-	-	0.00	0.00	-	0.00
83	4,816	4,817	<b>10.53</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
84	5,150	5,151	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
85	5,462	5,462	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
86	5,848	5,849	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
87	3,916	3,916	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
88	3,604	3,605	<b>14.46</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
89	4,273	4,273	<b>12.18</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
90	4,436	4,437	<b>11.66</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00
91	4,790	4,790	<b>10.61</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
92	5,030	5,030	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
93	5,002	5,003	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
94	4,325	4,325	<b>12.01</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
95	4,307	4,308	<b>12.07</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
96	4,967	4,968	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
97	5,881	5,881	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
98	5,627	5,628	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
99	5,832	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
100	6,316	6,316	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00

Sum 42.51

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H206 H206

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	11,336	11,336	-1.42	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
	2	11,596	11,596	-1.73	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
	3	11,190	11,190	-1.24	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
	4	10,124	10,124	0.14	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
	5	9,943	9,943	0.39	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
	6	10,374	10,374	-0.20	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	7	10,346	10,346	-0.16	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
	8	10,491	10,491	-0.35	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
	9	9,693	9,693	0.74	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
	10	9,808	9,808	0.58	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
	11	10,395	10,395	-0.23	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
	12	9,369	9,369	1.22	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
	13	9,789	9,789	0.61	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
	14	10,478	10,478	-0.34	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
	15	9,570	9,570	0.92	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
	16	8,645	8,645	2.34	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
	17	9,017	9,017	1.75	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
	18	9,149	9,149	1.55	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
	19	8,274	8,274	2.95	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
	20	8,908	8,908	1.92	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
	21	9,107	9,107	1.61	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
	22	7,172	7,172	4.96	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
	23	6,324	6,325	6.73	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
	24	6,947	6,947	5.41	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
	25	6,527	6,527	6.29	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
	26	7,083	7,084	5.14	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
	27	7,056	7,057	5.19	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
	28	6,585	6,585	6.16	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
	29	7,562	7,562	4.22	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
	30	7,687	7,687	3.99	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
	31	7,933	7,933	3.55	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
	32	7,074	7,075	5.16	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
	33	8,447	8,447	2.66	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	34	8,558	8,558	2.48	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
	35	5,361	5,361	9.05	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
	36	5,260	5,260	9.31	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
	37	4,670	4,670	10.96	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
	38	4,575	4,575	11.24	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
	39	4,911	4,911	10.27	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
	40	5,555	5,555	8.55	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
	41	4,936	4,936	10.19	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
	42	5,978	5,978	7.52	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
	43	6,158	6,158	7.11	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
	44	5,341	5,341	9.10	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
	45	5,218	5,218	9.42	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
	46	4,673	4,673	10.95	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
	47	6,278	6,279	6.83	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
	48	6,603	6,603	6.13	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
	49	6,960	6,960	5.39	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
	50	6,063	6,063	7.32	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
	51	6,427	6,427	6.50	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
	52	6,780	6,780	5.75	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
	53	7,612	7,612	4.13	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
	54	8,636	8,636	2.35	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
	55	3,544	3,544	14.68	105.0	0.00	81.99	-	-	0.00	0.00	-	0.00
	56	3,211	3,212	15.97	105.0	0.00	81.14	-	-	0.00	0.00	-	0.00
	57	3,345	3,346	15.44	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
	58	3,282	3,283	15.68	105.0	0.00	81.32	-	-	0.00	0.00	-	0.00
	59	3,761	3,761	13.90	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	3,988	3,988	<b>13.11</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
61	4,722	4,722	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
62	3,871	3,872	<b>13.51</b>	105.0	0.00	82.76	-	-	0.00	0.00	-	0.00
63	4,146	4,146	<b>12.59</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
64	5,023	5,023	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
65	5,458	5,458	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
66	2,508	2,509	<b>19.05</b>	105.0	0.00	78.99	-	-	0.00	0.00	-	0.00
67	1,972	1,973	<b>22.20</b>	105.0	0.00	76.90	-	-	0.00	0.00	-	0.00
68	1,645	1,647	<b>24.52</b>	105.0	0.00	75.33	-	-	0.00	0.00	-	0.00
69	2,245	2,246	<b>20.49</b>	105.0	0.00	78.03	-	-	0.00	0.00	-	0.00
70	2,581	2,582	<b>18.70</b>	105.0	0.00	79.24	-	-	0.00	0.00	-	0.00
71	2,996	2,997	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
72	3,123	3,123	<b>16.32</b>	105.0	0.00	80.89	-	-	0.00	0.00	-	0.00
73	1,990	1,991	<b>22.08</b>	105.0	0.00	76.98	-	-	0.00	0.00	-	0.00
74	465	471	<b>38.88</b>	105.0	0.00	64.46	-	-	0.00	0.00	-	0.00
75	1,050	1,052	<b>29.96</b>	105.0	0.00	71.44	-	-	0.00	0.00	-	0.00
76	1,445	1,447	<b>26.13</b>	105.0	0.00	74.21	-	-	0.00	0.00	-	0.00
77	3,410	3,411	<b>15.19</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
78	2,230	2,230	<b>20.59</b>	105.0	0.00	77.97	-	-	0.00	0.00	-	0.00
79	3,831	3,831	<b>13.65</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
80	5,359	5,359	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
81	5,452	5,453	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
82	5,704	5,705	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
83	6,857	6,857	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
84	7,209	7,210	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
85	7,520	7,520	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
86	7,907	7,907	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
87	5,731	5,731	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
88	5,620	5,620	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
89	6,265	6,265	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
90	6,464	6,465	<b>6.42</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
91	6,762	6,762	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
92	7,029	7,029	<b>5.25</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
93	7,056	7,056	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
94	5,808	5,808	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
95	5,900	5,900	<b>7.71</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
96	6,591	6,591	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
97	7,736	7,737	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
98	7,553	7,554	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
99	7,801	7,801	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
100	8,219	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00

Sum 40.34

- Data undefined due to calculation with octave data

### Noise sensitive area: H207 H207

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,232	10,232	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
2	10,519	10,519	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
3	10,128	10,128	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
4	8,990	8,990	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
5	8,830	8,830	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
6	9,318	9,318	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
7	9,322	9,323	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
8	9,515	9,515	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
9	8,682	8,682	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
10	8,821	8,822	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,539	9,539	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
12	8,487	8,487	<b>2.60</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
13	8,960	8,960	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
14	9,702	9,702	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
15	8,851	8,851	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
16	7,753	7,753	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
17	8,274	8,274	<b>2.95</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
18	8,494	8,494	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
19	7,538	7,538	<b>4.26</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
20	8,359	8,359	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
21	8,587	8,587	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
22	6,128	6,129	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
23	5,257	5,257	<b>9.32</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
24	6,138	6,139	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
25	5,795	5,796	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
26	6,385	6,385	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
27	6,481	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
28	6,079	6,080	<b>7.29</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
29	7,098	7,099	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
30	7,299	7,299	<b>4.72</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
31	7,613	7,613	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
32	6,694	6,694	<b>5.93</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
33	8,287	8,287	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
34	8,495	8,495	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
35	4,297	4,298	<b>12.10</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
36	4,265	4,265	<b>12.20</b>	105.0	0.00	83.60	-	-	0.00	0.00	-	0.00
37	3,593	3,594	<b>14.50</b>	105.0	0.00	82.11	-	-	0.00	0.00	-	0.00
38	3,558	3,559	<b>14.63</b>	105.0	0.00	82.03	-	-	0.00	0.00	-	0.00
39	4,019	4,019	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
40	4,783	4,784	<b>10.63</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
41	4,298	4,299	<b>12.10</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
42	5,450	5,451	<b>8.82</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
43	5,750	5,750	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
44	4,750	4,750	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
45	4,748	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
46	4,182	4,182	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
47	6,007	6,007	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
48	6,396	6,396	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
49	6,783	6,784	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
50	5,992	5,992	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
51	6,363	6,364	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
52	6,735	6,735	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
53	7,516	7,516	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
54	8,671	8,672	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
55	2,418	2,419	<b>19.50</b>	105.0	0.00	78.67	-	-	0.00	0.00	-	0.00
56	2,143	2,144	<b>21.11</b>	105.0	0.00	77.63	-	-	0.00	0.00	-	0.00
57	2,379	2,380	<b>19.72</b>	105.0	0.00	78.53	-	-	0.00	0.00	-	0.00
58	2,465	2,466	<b>19.25</b>	105.0	0.00	78.84	-	-	0.00	0.00	-	0.00
59	3,424	3,425	<b>15.13</b>	105.0	0.00	81.69	-	-	0.00	0.00	-	0.00
60	3,724	3,725	<b>14.02</b>	105.0	0.00	82.42	-	-	0.00	0.00	-	0.00
61	4,526	4,526	<b>11.39</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
62	3,760	3,760	<b>13.90</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
63	4,100	4,101	<b>12.74</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
64	4,983	4,983	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
65	5,405	5,405	<b>8.93</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
66	1,393	1,395	<b>26.58</b>	105.0	0.00	73.89	-	-	0.00	0.00	-	0.00
67	1,968	1,970	<b>22.22</b>	105.0	0.00	76.89	-	-	0.00	0.00	-	0.00
68	1,708	1,710	<b>24.04</b>	105.0	0.00	75.66	-	-	0.00	0.00	-	0.00
69	2,382	2,383	<b>19.70</b>	105.0	0.00	78.54	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	2,748	2,749	<b>17.93</b>	105.0	0.00	79.78	-	-	0.00	0.00	-	0.00
71	3,262	3,263	<b>15.76</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
72	3,571	3,572	<b>14.58</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
73	2,436	2,437	<b>19.40</b>	105.0	0.00	78.74	-	-	0.00	0.00	-	0.00
74	1,558	1,561	<b>25.19</b>	105.0	0.00	74.87	-	-	0.00	0.00	-	0.00
75	2,151	2,153	<b>21.05</b>	105.0	0.00	77.66	-	-	0.00	0.00	-	0.00
76	2,512	2,514	<b>19.02</b>	105.0	0.00	79.01	-	-	0.00	0.00	-	0.00
77	4,299	4,300	<b>12.09</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
78	3,367	3,368	<b>15.35</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
79	4,939	4,939	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
80	6,316	6,317	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
81	6,508	6,508	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
82	6,734	6,734	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
83	7,810	7,811	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
84	8,233	8,233	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
85	8,529	8,529	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
86	8,912	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
87	6,919	6,920	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
88	6,734	6,735	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
89	7,397	7,397	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
90	7,568	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
91	7,906	7,906	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
92	8,157	8,157	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
93	8,117	8,118	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
94	7,016	7,016	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
95	7,108	7,108	<b>5.09</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
96	7,798	7,799	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
97	8,921	8,922	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
98	8,718	8,719	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
99	8,948	8,948	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
100	9,392	9,392	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00

Sum 34.28

- Data undefined due to calculation with octave data

### Noise sensitive area: H208 H208

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,538	10,538	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
2	10,893	10,893	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
3	10,543	10,543	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
4	9,223	9,223	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
5	9,129	9,129	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
6	9,755	9,755	<b>0.65</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
7	9,828	9,828	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
8	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
9	9,222	9,222	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
10	9,405	9,405	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
11	10,313	10,313	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
12	9,238	9,238	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
13	9,774	9,775	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
14	10,570	10,570	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
15	9,789	9,789	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
16	8,501	8,502	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
17	9,194	9,194	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
18	9,496	9,496	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
19	8,475	8,476	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
20	9,448	9,448	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	9,695	9,695	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
22	6,653	6,653	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
23	5,758	5,759	<b>8.05</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
24	7,024	7,024	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
25	6,770	6,771	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
26	7,379	7,379	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
27	7,573	7,573	<b>4.20</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
28	7,226	7,226	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
29	8,258	8,258	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
30	8,499	8,499	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
31	8,845	8,845	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
32	7,903	7,904	<b>3.60</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
33	9,578	9,578	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
34	9,813	9,813	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
35	4,851	4,852	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
36	4,955	4,955	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
37	4,160	4,161	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
38	4,250	4,251	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
39	4,875	4,876	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
40	5,746	5,747	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
41	5,394	5,394	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
42	6,594	6,594	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
43	6,957	6,958	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
44	5,866	5,866	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
45	5,941	5,941	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
46	5,376	5,376	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
47	7,273	7,273	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
48	7,682	7,682	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
49	8,077	8,077	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
50	7,318	7,318	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
51	7,690	7,690	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
52	8,063	8,063	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
53	8,829	8,829	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
54	10,010	10,010	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
55	2,972	2,973	<b>16.95</b>	105.0	0.00	80.46	-	-	0.00	0.00	-	0.00
56	2,881	2,882	<b>17.34</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
57	3,261	3,262	<b>15.77</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
58	3,510	3,511	<b>14.81</b>	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00
59	4,706	4,707	<b>10.85</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
60	5,024	5,024	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
61	5,833	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
62	5,095	5,095	<b>9.75</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
63	5,443	5,444	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
64	6,321	6,321	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
65	6,738	6,738	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
66	2,182	2,184	<b>20.87</b>	105.0	0.00	77.78	-	-	0.00	0.00	-	0.00
67	3,325	3,326	<b>15.51</b>	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
68	3,059	3,060	<b>16.59</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
69	3,736	3,736	<b>13.98</b>	105.0	0.00	82.45	-	-	0.00	0.00	-	0.00
70	4,103	4,103	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
71	4,612	4,612	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
72	4,894	4,895	<b>10.31</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
73	3,742	3,743	<b>13.96</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
74	2,512	2,514	<b>19.02</b>	105.0	0.00	79.01	-	-	0.00	0.00	-	0.00
75	3,099	3,101	<b>16.42</b>	105.0	0.00	80.83	-	-	0.00	0.00	-	0.00
76	3,496	3,497	<b>14.86</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
77	5,443	5,444	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
78	4,245	4,245	<b>12.27</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
79	5,850	5,851	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	7,409	7,410	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
81	7,491	7,491	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
82	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
83	8,908	8,908	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
84	9,255	9,255	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
85	9,568	9,568	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
86	9,955	9,955	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
87	7,605	7,605	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
88	7,623	7,623	<b>4.10</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
89	8,248	8,248	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
90	8,474	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
91	8,727	8,727	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
92	9,013	9,013	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
93	9,089	9,090	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
94	7,470	7,470	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
95	7,628	7,629	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
96	8,319	8,319	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
97	9,606	9,606	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
98	9,477	9,478	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
99	9,756	9,757	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
100	10,120	10,120	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00

Sum 29.70

- Data undefined due to calculation with octave data

### Noise sensitive area: H209 H209

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,465	10,465	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
2	10,894	10,894	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
3	10,600	10,600	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
4	9,094	9,094	<b>1.63</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
5	9,081	9,081	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
6	9,857	9,857	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
7	10,011	10,011	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
8	10,393	10,393	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
9	9,462	9,463	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
10	9,694	9,694	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
11	10,821	10,821	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
12	9,739	9,739	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
13	10,345	10,345	<b>-0.16</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
14	11,196	11,196	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
15	10,520	10,520	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
16	9,018	9,018	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
17	9,913	9,913	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
18	10,318	10,318	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
19	9,233	9,233	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
20	10,394	10,394	<b>-0.22</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
21	10,664	10,664	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
22	6,968	6,968	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
23	6,096	6,097	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
24	7,756	7,756	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
25	7,621	7,622	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
26	8,236	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
27	8,557	8,557	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
28	8,292	8,292	<b>2.92</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
29	9,324	9,324	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
30	9,624	9,624	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,016	10,016	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
32	9,052	9,052	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
33	10,852	10,852	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
34	11,145	11,145	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
35	5,317	5,318	<b>9.16</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
36	5,564	5,565	<b>8.53</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
37	4,709	4,709	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
38	4,923	4,923	<b>10.23</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
39	5,675	5,676	<b>8.25</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
40	6,621	6,622	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
41	6,445	6,445	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
42	7,670	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
43	8,118	8,118	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
44	6,926	6,926	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
45	7,101	7,101	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
46	6,553	6,554	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
47	8,521	8,521	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
48	8,963	8,963	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
49	9,368	9,368	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
50	8,687	8,687	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
51	9,055	9,055	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
52	9,431	9,431	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
53	10,156	10,156	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
54	11,397	11,397	<b>-1.49</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
55	3,685	3,685	<b>14.17</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
56	3,779	3,779	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
57	4,233	4,234	<b>12.30</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
58	4,612	4,612	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
59	6,027	6,027	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
60	6,366	6,367	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
61	7,176	7,176	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
62	6,507	6,507	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
63	6,871	6,871	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
64	7,727	7,727	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
65	8,128	8,128	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
66	3,266	3,266	<b>15.75</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
67	4,847	4,848	<b>10.44</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
68	4,606	4,607	<b>11.15</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
69	5,272	5,273	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
70	5,636	5,637	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
71	6,157	6,157	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
72	6,472	6,472	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
73	5,328	5,329	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
74	4,107	4,107	<b>12.71</b>	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
75	4,682	4,683	<b>10.92</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
76	5,080	5,081	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
77	7,046	7,046	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
78	5,790	5,791	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
79	7,388	7,388	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
80	8,998	8,999	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
81	9,045	9,046	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
82	9,315	9,315	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
83	10,495	10,495	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
84	10,818	10,818	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
85	11,136	11,136	<b>-1.18</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
86	11,523	11,523	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
87	9,014	9,014	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
88	9,137	9,138	<b>1.57</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
89	9,740	9,740	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	9,991	9,991	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
91	10,201	10,201	<b>0.03</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
92	10,503	10,503	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
93	10,633	10,633	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
94	8,734	8,735	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
95	8,935	8,935	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
96	9,615	9,615	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
97	10,996	10,996	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
98	10,913	10,913	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
99	11,217	11,218	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
100	11,532	11,532	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00

Sum 26.07

- Data undefined due to calculation with octave data

## Noise sensitive area: H210 H210

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,658	8,658	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
2	9,159	9,159	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
3	8,939	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
4	7,268	7,268	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
5	7,349	7,349	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
6	8,276	8,276	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
7	8,528	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
8	9,027	9,027	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
9	8,077	8,077	<b>3.29</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
10	8,363	8,363	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
11	9,752	9,752	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
12	8,707	8,707	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
13	9,389	9,389	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
14	10,291	10,291	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
15	9,806	9,806	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
16	8,045	8,046	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
17	9,207	9,207	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
18	9,764	9,764	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
19	8,624	8,624	<b>2.37</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
20	10,049	10,049	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
21	10,349	10,349	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
22	5,851	5,851	<b>7.82</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
23	5,111	5,111	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
24	7,204	7,204	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
25	7,277	7,277	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
26	7,855	7,855	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
27	8,376	8,376	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
28	8,278	8,279	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
29	9,251	9,251	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
30	9,648	9,649	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
31	10,117	10,117	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
32	9,152	9,152	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
33	11,141	11,141	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
34	11,561	11,561	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
35	4,644	4,644	<b>11.04</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
36	5,069	5,069	<b>9.83</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
37	4,286	4,286	<b>12.14</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
38	4,643	4,644	<b>11.04</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
39	5,464	5,464	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
40	6,412	6,413	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,558	6,558	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
42	7,718	7,718	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
43	8,296	8,297	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
44	7,008	7,008	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
45	7,353	7,354	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
46	6,889	6,890	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
47	8,857	8,857	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
48	9,344	9,344	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
49	9,753	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
50	9,286	9,286	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
51	9,629	9,629	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
52	9,997	9,998	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
53	10,592	10,592	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
54	11,944	11,944	<b>-2.14</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
55	3,798	3,798	<b>13.76</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
56	4,129	4,130	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
57	4,572	4,573	<b>11.25</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
58	5,078	5,078	<b>9.80</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
59	6,702	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
60	7,056	7,056	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
61	7,803	7,804	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
62	7,344	7,345	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
63	7,723	7,723	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
64	8,472	8,472	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
65	8,811	8,811	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
66	4,045	4,046	<b>12.92</b>	105.0	0.00	83.14	-	-	0.00	0.00	-	0.00
67	6,119	6,119	<b>7.19</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
68	5,978	5,978	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
69	6,551	6,552	<b>6.24</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
70	6,876	6,876	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
71	7,404	7,404	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
72	7,838	7,839	<b>3.71</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
73	6,803	6,803	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
74	5,985	5,985	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
75	6,589	6,589	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
76	6,971	6,971	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
77	8,780	8,780	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
78	7,783	7,783	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
79	9,383	9,384	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
80	10,803	10,803	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
81	10,986	10,986	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
82	11,220	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
83	12,295	12,295	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
84	12,720	12,720	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
85	13,018	13,018	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
86	13,401	13,402	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
87	11,206	11,206	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
88	11,173	11,173	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
89	11,815	11,815	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
90	12,017	12,018	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
91	12,305	12,306	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
92	12,580	12,580	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
93	12,594	12,595	<b>-2.86</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
94	11,045	11,046	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
95	11,218	11,219	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
96	11,906	11,907	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
97	13,208	13,208	<b>-3.50</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
98	13,072	13,072	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
99	13,340	13,340	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
100	13,719	13,719	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00

Sum 25.07

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H211 H211

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,807	8,807	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00	
2	9,306	9,306	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00	
3	9,083	9,084	<b>1.65</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00	
4	7,417	7,417	<b>4.49</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00	
5	7,494	7,494	<b>4.34</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00	
6	8,417	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00	
7	8,665	8,665	<b>2.31</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00	
8	9,159	9,159	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00	
9	8,209	8,209	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00	
10	8,492	8,493	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00	
11	9,871	9,871	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00	
12	8,823	8,823	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00	
13	9,502	9,502	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00	
14	10,402	10,402	<b>-0.24</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00	
15	9,907	9,907	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00	
16	8,157	8,157	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00	
17	9,307	9,307	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00	
18	9,856	9,856	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00	
19	8,718	8,718	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00	
20	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00	
21	10,429	10,429	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00	
22	5,965	5,966	<b>7.55</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00	
23	5,215	5,216	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00	
24	7,291	7,292	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00	
25	7,353	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00	
26	7,934	7,934	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00	
27	8,444	8,444	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00	
28	8,337	8,337	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00	
29	9,315	9,315	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00	
30	9,707	9,707	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00	
31	10,172	10,172	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00	
32	9,205	9,205	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00	
33	11,186	11,186	<b>-1.24</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00	
34	11,599	11,599	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00	
35	4,727	4,728	<b>10.79</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00	
36	5,144	5,145	<b>9.62</b>	105.0	0.00	85.23	-	-	0.00	0.00	-	0.00	
37	4,351	4,351	<b>11.93</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00	
38	4,702	4,703	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00	
39	5,524	5,524	<b>8.63</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00	
40	6,477	6,477	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00	
41	6,603	6,603	<b>6.13</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00	
42	7,771	7,771	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00	
43	8,343	8,343	<b>2.84</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00	
44	7,057	7,057	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00	
45	7,393	7,393	<b>4.54</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00	
46	6,922	6,922	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00	
47	8,895	8,896	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00	
48	9,380	9,380	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00	
49	9,790	9,790	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00	
50	9,309	9,309	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00	
51	9,654	9,654	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00	
52	10,024	10,024	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00	
53	10,627	10,627	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00	
54	11,974	11,974	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00	
55	3,823	3,824	<b>13.68</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00	
56	4,143	4,144	<b>12.59</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00	
57	4,591	4,592	<b>11.19</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00	
58	5,093	5,093	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00	
59	6,712	6,713	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,067	7,067	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
61	7,821	7,821	<b>3.74</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
62	7,346	7,347	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
63	7,726	7,726	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
64	8,483	8,483	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
65	8,827	8,827	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
66	4,030	4,031	<b>12.97</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
67	6,088	6,088	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
68	5,939	5,939	<b>7.61</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
69	6,521	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
70	6,850	6,850	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
71	7,379	7,379	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
72	7,806	7,807	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
73	6,760	6,760	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
74	5,910	5,911	<b>7.68</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
75	6,514	6,514	<b>6.32</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
76	6,898	6,899	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
77	8,723	8,723	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
78	7,703	7,704	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
79	9,306	9,306	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
80	10,743	10,743	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
81	10,914	10,915	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
82	11,152	11,152	<b>-1.19</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
83	12,236	12,236	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
84	12,653	12,654	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
85	12,953	12,953	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
86	13,337	13,337	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
87	11,110	11,111	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
88	11,093	11,094	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
89	11,732	11,732	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
90	11,939	11,939	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
91	12,220	12,220	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
92	12,497	12,497	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
93	12,522	12,522	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
94	10,936	10,936	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
95	11,113	11,113	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
96	11,800	11,800	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
97	13,111	13,111	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
98	12,981	12,981	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
99	13,253	13,253	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
100	13,625	13,625	<b>-3.92</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00

Sum 25.00

- Data undefined due to calculation with octave data

### Noise sensitive area: H212 H212

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,916	8,916	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
2	9,414	9,414	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
3	9,191	9,192	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
4	7,526	7,526	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
5	7,602	7,603	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
6	8,524	8,524	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
7	8,770	8,770	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
8	9,263	9,263	<b>1.38</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
9	8,313	8,313	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
10	8,595	8,595	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,969	9,969	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
12	8,919	8,920	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
13	9,597	9,597	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
14	10,496	10,496	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
15	9,996	9,996	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
16	8,252	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
17	9,395	9,395	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
18	9,941	9,941	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
19	8,803	8,803	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
20	10,208	10,208	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
21	10,506	10,506	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
22	6,062	6,062	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
23	5,307	5,307	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
24	7,373	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
25	7,428	7,428	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
26	8,011	8,011	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
27	8,515	8,515	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
28	8,402	8,402	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
29	9,383	9,383	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
30	9,772	9,772	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
31	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
32	9,267	9,267	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
33	11,243	11,243	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
34	11,651	11,651	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
35	4,808	4,808	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
36	5,220	5,220	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
37	4,421	4,422	<b>11.71</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
38	4,769	4,769	<b>10.67</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
39	5,591	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
40	6,546	6,546	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
41	6,660	6,661	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
42	7,833	7,833	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
43	8,401	8,401	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
44	7,116	7,117	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
45	7,446	7,446	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
46	6,971	6,972	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
47	8,948	8,948	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
48	9,432	9,432	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
49	9,842	9,842	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
50	9,351	9,351	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
51	9,698	9,698	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
52	10,068	10,068	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
53	10,678	10,678	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
54	12,021	12,021	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
55	3,869	3,870	<b>13.52</b>	105.0	0.00	82.75	-	-	0.00	0.00	-	0.00
56	4,181	4,182	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
57	4,633	4,633	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
58	5,131	5,132	<b>9.66</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
59	6,747	6,747	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
60	7,102	7,102	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
61	7,860	7,860	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
62	7,376	7,376	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
63	7,755	7,755	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
64	8,518	8,519	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
65	8,865	8,865	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
66	4,049	4,050	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
67	6,094	6,094	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
68	5,940	5,940	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
69	6,528	6,529	<b>6.29</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,860	6,860	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
71	7,389	7,390	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
72	7,812	7,812	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
73	6,758	6,759	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
74	5,884	5,885	<b>7.74</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
75	6,488	6,488	<b>6.37</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
76	6,874	6,874	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
77	8,710	8,710	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
78	7,673	7,674	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
79	9,277	9,277	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
80	10,728	10,728	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
81	10,890	10,890	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
82	11,130	11,130	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
83	12,222	12,222	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
84	12,633	12,633	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
85	12,934	12,934	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
86	13,318	13,318	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
87	11,067	11,068	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
88	11,063	11,063	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
89	11,699	11,699	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
90	11,910	11,910	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
91	12,184	12,185	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
92	12,464	12,464	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
93	12,497	12,498	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
94	10,881	10,881	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
95	11,061	11,061	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
96	11,747	11,748	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
97	13,067	13,067	<b>-3.36</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
98	12,941	12,941	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
99	13,217	13,217	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
100	13,583	13,583	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00

Sum 24.88

- Data undefined due to calculation with octave data

### Noise sensitive area: H213 H213

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,055	9,055	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
2	9,552	9,552	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
3	9,328	9,328	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
4	7,665	7,665	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
5	7,740	7,740	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
6	8,658	8,658	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
7	8,902	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
8	9,392	9,392	<b>1.18</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
9	8,441	8,441	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
10	8,722	8,723	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
11	10,089	10,089	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
12	9,037	9,037	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
13	9,712	9,712	<b>0.72</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
14	10,610	10,610	<b>-0.51</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
15	10,102	10,102	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
16	8,366	8,366	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
17	9,500	9,500	<b>1.02</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
18	10,039	10,039	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
19	8,903	8,903	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
20	10,298	10,298	<b>-0.10</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,595	10,595	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
22	6,178	6,179	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
23	5,417	5,417	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
24	7,468	7,469	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
25	7,514	7,514	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
26	8,100	8,100	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
27	8,595	8,595	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
28	8,473	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
29	9,459	9,459	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
30	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
31	10,303	10,303	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
32	9,335	9,335	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
33	11,302	11,303	<b>-1.38</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
34	11,705	11,705	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
35	4,902	4,902	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
36	5,307	5,307	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
37	4,501	4,502	<b>11.46</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
38	4,843	4,844	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
39	5,665	5,666	<b>8.28</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
40	6,623	6,623	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
41	6,722	6,722	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
42	7,901	7,901	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
43	8,463	8,463	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
44	7,181	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
45	7,503	7,503	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
46	7,022	7,022	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
47	9,003	9,003	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
48	9,485	9,485	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
49	9,895	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
50	9,392	9,392	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
51	9,741	9,741	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
52	10,112	10,112	<b>0.16</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
53	10,729	10,729	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
54	12,068	12,068	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
55	3,917	3,918	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
56	4,219	4,220	<b>12.35</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
57	4,674	4,675	<b>10.95</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
58	5,169	5,169	<b>9.56</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
59	6,779	6,779	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
60	7,134	7,134	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
61	7,897	7,897	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
62	7,400	7,400	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
63	7,779	7,779	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
64	8,550	8,550	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
65	8,901	8,901	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
66	4,062	4,063	<b>12.86</b>	105.0	0.00	83.18	-	-	0.00	0.00	-	0.00
67	6,089	6,089	<b>7.26</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
68	5,928	5,928	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
69	6,524	6,524	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
70	6,859	6,859	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
71	7,389	7,389	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
72	7,805	7,805	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
73	6,742	6,742	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
74	5,838	5,839	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
75	6,440	6,441	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
76	6,828	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
77	8,679	8,679	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
78	7,621	7,621	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
79	9,226	9,226	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,693	10,693	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
81	10,845	10,845	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
82	11,087	11,088	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
83	12,188	12,189	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
84	12,591	12,591	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
85	12,894	12,894	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
86	13,279	13,279	<b>-3.58</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	10,998	10,998	<b>-1.00</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
88	11,009	11,009	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
89	11,642	11,642	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
90	11,857	11,857	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
91	12,125	12,125	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
92	12,407	12,407	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
93	12,451	12,451	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
94	10,797	10,798	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
95	10,981	10,981	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
96	11,666	11,667	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
97	12,996	12,996	<b>-3.28</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
98	12,876	12,876	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
99	13,155	13,155	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
100	13,515	13,515	<b>-3.81</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 24.77

- Data undefined due to calculation with octave data

### Noise sensitive area: H214 H214

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,320	9,320	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
2	9,814	9,815	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
3	9,586	9,586	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
4	7,930	7,930	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
5	8,001	8,001	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
6	8,912	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
7	9,150	9,150	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
8	9,633	9,633	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
9	8,683	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
10	8,960	8,961	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
11	10,310	10,310	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
12	9,253	9,254	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
13	9,924	9,924	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
14	10,819	10,819	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
15	10,295	10,295	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
16	8,577	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
17	9,691	9,691	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
18	10,219	10,219	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
19	9,085	9,085	<b>1.65</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
20	10,459	10,459	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
21	10,754	10,754	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
22	6,396	6,396	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
23	5,620	5,621	<b>8.39</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
24	7,642	7,642	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
25	7,668	7,668	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
26	8,260	8,260	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
27	8,738	8,738	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
28	8,599	8,600	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
29	9,593	9,593	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
30	9,969	9,969	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,422	10,422	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
32	9,451	9,451	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
33	11,404	11,404	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
34	11,793	11,793	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
35	5,075	5,076	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
36	5,467	5,467	<b>8.77</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
37	4,648	4,649	<b>11.02</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
38	4,979	4,979	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
39	5,800	5,800	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
40	6,762	6,762	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
41	6,830	6,830	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
42	8,019	8,019	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
43	8,570	8,570	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
44	7,293	7,294	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
45	7,599	7,599	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
46	7,108	7,109	<b>5.09</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
47	9,095	9,095	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
48	9,573	9,573	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
49	9,984	9,984	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
50	9,458	9,458	<b>1.09</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
51	9,809	9,810	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
52	10,182	10,182	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
53	10,814	10,814	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
54	12,143	12,143	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
55	4,004	4,005	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
56	4,285	4,285	<b>12.14</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
57	4,746	4,746	<b>10.74</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
58	5,231	5,231	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
59	6,828	6,828	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
60	7,183	7,183	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
61	7,955	7,955	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
62	7,433	7,434	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
63	7,812	7,812	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
64	8,598	8,598	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
65	8,956	8,956	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
66	4,080	4,081	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
67	6,067	6,067	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
68	5,893	5,894	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
69	6,503	6,503	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
70	6,844	6,844	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
71	7,375	7,375	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
72	7,777	7,777	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
73	6,698	6,698	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
74	5,737	5,738	<b>8.10</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
75	6,337	6,338	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
76	6,728	6,728	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
77	8,605	8,605	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
78	7,506	7,507	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
79	9,112	9,113	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
80	10,611	10,611	<b>-0.51</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
81	10,741	10,742	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
82	10,990	10,990	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
83	12,108	12,108	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
84	12,495	12,495	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
85	12,801	12,802	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
86	13,187	13,187	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
87	10,850	10,850	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
88	10,890	10,890	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
89	11,516	11,516	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,740	11,740	<b>-1.90</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
91	11,994	11,994	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
92	12,281	12,281	<b>-2.52</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
93	12,345	12,345	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
94	10,622	10,622	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
95	10,813	10,813	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
96	11,496	11,496	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
97	12,844	12,844	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
98	12,735	12,735	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
99	13,021	13,021	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
100	13,369	13,369	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00

Sum 24.59

- Data undefined due to calculation with octave data

### Noise sensitive area: H215 H215

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,551	9,551	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
2	10,042	10,042	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
3	9,810	9,810	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
4	8,161	8,161	<b>3.15</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
5	8,227	8,227	<b>3.03</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
6	9,130	9,130	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
7	9,362	9,362	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
8	9,838	9,838	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
9	8,888	8,888	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
10	9,162	9,163	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
11	10,494	10,494	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
12	9,434	9,434	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
13	10,099	10,099	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
14	10,992	10,992	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
15	10,452	10,452	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
16	8,753	8,753	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
17	9,847	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
18	10,363	10,363	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
19	9,232	9,232	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
20	10,586	10,586	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
21	10,879	10,879	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
22	6,578	6,578	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
23	5,791	5,791	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
24	7,782	7,782	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
25	7,791	7,791	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
26	8,387	8,387	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
27	8,849	8,849	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
28	8,695	8,695	<b>2.26</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
29	9,696	9,696	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
30	10,064	10,064	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
31	10,510	10,510	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
32	9,538	9,538	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
33	11,475	11,475	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
34	11,853	11,853	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
35	5,218	5,219	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
36	5,596	5,596	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
37	4,768	4,768	<b>10.67</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
38	5,088	5,088	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
39	5,906	5,907	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
40	6,871	6,871	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,910	6,910	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
42	8,108	8,108	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
43	8,648	8,648	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
44	7,378	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
45	7,669	7,669	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
46	7,169	7,169	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
47	9,159	9,160	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
48	9,634	9,634	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
49	10,045	10,045	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
50	9,497	9,497	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
51	9,852	9,852	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
52	10,226	10,226	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
53	10,871	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
54	12,191	12,191	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
55	4,072	4,072	<b>12.83</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
56	4,333	4,333	<b>11.99</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
57	4,798	4,798	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
58	5,274	5,274	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
59	6,856	6,856	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
60	7,210	7,210	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
61	7,990	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
62	7,446	7,447	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
63	7,824	7,825	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
64	8,622	8,622	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
65	8,987	8,987	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
66	4,086	4,086	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
67	6,032	6,033	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
68	5,848	5,848	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
69	6,469	6,469	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
70	6,814	6,814	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
71	7,345	7,346	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
72	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
73	6,642	6,643	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
74	5,633	5,633	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
75	6,229	6,230	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
76	6,623	6,623	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
77	8,520	8,520	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
78	7,388	7,388	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
79	8,993	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
80	10,518	10,518	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
81	10,630	10,631	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
82	10,884	10,884	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
83	12,016	12,016	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
84	12,389	12,389	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
85	12,699	12,699	<b>-2.97</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
86	13,085	13,085	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
87	10,701	10,701	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
88	10,765	10,765	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
89	11,385	11,385	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
90	11,617	11,617	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
91	11,858	11,858	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
92	12,150	12,150	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
93	12,231	12,231	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
94	10,449	10,449	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
95	10,646	10,646	<b>-0.56</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
96	11,327	11,327	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
97	12,690	12,690	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
98	12,590	12,590	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
99	12,883	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
100	13,219	13,219	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00

Sum 24.46

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H217 H217

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,595	8,595	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
	2	9,056	9,057	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
	3	8,796	8,796	<b>2.10</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
	4	7,210	7,211	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
	5	7,236	7,237	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
	6	8,088	8,089	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
	7	8,294	8,294	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
	8	8,741	8,741	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
	9	7,794	7,795	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
	10	8,058	8,058	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
	11	9,349	9,349	<b>1.25</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
	12	8,284	8,284	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
	13	8,942	8,942	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
	14	9,831	9,831	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
	15	9,281	9,281	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
	16	7,596	7,596	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
	17	8,676	8,676	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
	18	9,190	9,190	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	19	8,059	8,059	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
	20	9,419	9,420	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	21	9,714	9,714	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
	22	5,433	5,433	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
	23	4,630	4,630	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
	24	6,610	6,610	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
	25	6,628	6,628	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
	26	7,220	7,221	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
	27	7,696	7,696	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
	28	7,561	7,561	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
	29	8,553	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
	30	8,932	8,932	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
	31	9,387	9,387	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
	32	8,418	8,418	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	33	10,381	10,381	<b>-0.21</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	34	10,782	10,782	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
	35	4,046	4,046	<b>12.92</b>	105.0	0.00	83.14	-	-	0.00	0.00	-	0.00
	36	4,428	4,428	<b>11.69</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
	37	3,607	3,607	<b>14.45</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
	38	3,938	3,938	<b>13.28</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
	39	4,759	4,759	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
	40	5,720	5,721	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
	41	5,801	5,802	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
	42	6,984	6,984	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
	43	7,542	7,542	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
	44	6,262	6,262	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
	45	6,580	6,580	<b>6.17</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
	46	6,099	6,100	<b>7.24</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
	47	8,080	8,080	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
	48	8,562	8,562	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
	49	8,972	8,972	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
	50	8,474	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
	51	8,821	8,821	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
	52	9,192	9,192	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	53	9,806	9,806	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
	54	11,146	11,146	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
	55	2,995	2,996	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
	56	3,303	3,304	<b>15.60</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
	57	3,755	3,756	<b>13.91</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
	58	4,253	4,253	<b>12.24</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
	59	5,869	5,870	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	6,224	6,224	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
61	6,981	6,982	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
62	6,501	6,501	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
63	6,880	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
64	7,640	7,641	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
65	7,987	7,987	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
66	3,188	3,189	<b>16.06</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
67	5,260	5,261	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
68	5,122	5,122	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
69	5,692	5,692	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
70	6,017	6,017	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
71	6,544	6,545	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
72	6,980	6,980	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
73	5,949	5,950	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
74	5,180	5,180	<b>9.53</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
75	5,783	5,784	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
76	6,160	6,161	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
77	7,940	7,940	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
78	6,987	6,987	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
79	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
80	9,967	9,967	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
81	10,168	10,168	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
82	10,396	10,396	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
83	11,455	11,455	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
84	11,894	11,894	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
85	12,188	12,188	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
86	12,570	12,571	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
87	10,452	10,452	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
88	10,374	10,374	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
89	11,024	11,024	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
90	11,214	11,215	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
91	11,521	11,521	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
92	11,788	11,788	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
93	11,778	11,778	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
94	10,349	10,349	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
95	10,505	10,506	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
96	11,196	11,197	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
97	12,457	12,457	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
98	12,302	12,302	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
99	12,559	12,559	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
100	12,958	12,958	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00

Sum 27.03

- Data undefined due to calculation with octave data

### Noise sensitive area: H220 H220

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,721	8,722	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
2	9,112	9,112	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
3	8,791	8,791	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
4	7,379	7,379	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
5	7,319	7,319	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
6	8,026	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
7	8,150	8,150	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
8	8,502	8,502	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
9	7,582	7,582	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
10	7,800	7,801	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	8,896	8,896	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
12	7,814	7,814	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
13	8,419	8,419	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
14	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
15	8,608	8,608	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
16	7,092	7,092	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
17	8,001	8,001	<b>3.42</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
18	8,429	8,429	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
19	7,330	7,330	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
20	8,549	8,549	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
21	8,828	8,828	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
22	5,060	5,060	<b>9.85</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
23	4,180	4,181	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
24	5,854	5,854	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
25	5,757	5,758	<b>8.05</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
26	6,369	6,369	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
27	6,745	6,745	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
28	6,534	6,534	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
29	7,554	7,554	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
30	7,892	7,892	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
31	8,318	8,318	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
32	7,346	7,346	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
33	9,244	9,244	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
34	9,604	9,604	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
35	3,391	3,392	<b>15.26</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
36	3,652	3,653	<b>14.29</b>	105.0	0.00	82.25	-	-	0.00	0.00	-	0.00
37	2,794	2,796	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
38	3,035	3,036	<b>16.69</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
39	3,818	3,819	<b>13.69</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
40	4,780	4,780	<b>10.64</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
41	4,712	4,712	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
42	5,928	5,929	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
43	6,436	6,436	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
44	5,188	5,189	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
45	5,441	5,441	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
46	4,926	4,927	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
47	6,919	6,919	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
48	7,388	7,388	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
49	7,798	7,798	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
50	7,233	7,234	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
51	7,589	7,589	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
52	7,964	7,964	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
53	8,619	8,619	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
54	9,930	9,930	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
55	1,869	1,871	<b>22.89</b>	105.0	0.00	76.44	-	-	0.00	0.00	-	0.00
56	2,081	2,082	<b>21.49</b>	105.0	0.00	77.37	-	-	0.00	0.00	-	0.00
57	2,549	2,550	<b>18.85</b>	105.0	0.00	79.13	-	-	0.00	0.00	-	0.00
58	3,013	3,014	<b>16.78</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
59	4,592	4,593	<b>11.19</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
60	4,946	4,947	<b>10.17</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
61	5,725	5,726	<b>8.13</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
62	5,193	5,194	<b>9.49</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
63	5,572	5,572	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
64	6,360	6,360	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
65	6,723	6,723	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
66	1,846	1,848	<b>23.05</b>	105.0	0.00	76.33	-	-	0.00	0.00	-	0.00
67	3,901	3,902	<b>13.40</b>	105.0	0.00	82.83	-	-	0.00	0.00	-	0.00
68	3,766	3,767	<b>13.88</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
69	4,333	4,334	<b>11.99</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	4,659	4,659	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
71	5,187	5,188	<b>9.51</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
72	5,620	5,621	<b>8.39</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
73	4,597	4,597	<b>11.18</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
74	3,929	3,929	<b>13.31</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
75	4,527	4,527	<b>11.39</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
76	4,889	4,890	<b>10.33</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
77	6,609	6,610	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
78	5,741	5,741	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
79	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
80	8,640	8,640	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
81	8,873	8,874	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
82	9,090	9,090	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
83	10,123	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
84	10,582	10,582	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
85	10,870	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
86	11,251	11,251	<b>-1.32</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
87	9,268	9,268	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
88	9,111	9,111	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
89	9,774	9,774	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
90	9,943	9,943	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
91	10,281	10,282	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
92	10,534	10,534	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
93	10,482	10,482	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
94	9,269	9,270	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
95	9,395	9,395	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
96	10,088	10,088	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
97	11,274	11,274	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
98	11,087	11,087	<b>-1.11</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
99	11,323	11,323	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
100	11,756	11,756	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00

Sum 31.08

- Data undefined due to calculation with octave data

### Noise sensitive area: H221 H221

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,342	9,343	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
2	9,762	9,763	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
3	9,463	9,463	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
4	7,978	7,978	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
5	7,952	7,953	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
6	8,717	8,717	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
7	8,868	8,869	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
8	9,251	9,251	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
9	8,320	8,320	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
10	8,552	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
11	9,699	9,699	<b>0.73</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
12	8,619	8,619	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
13	9,235	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
14	10,095	10,095	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
15	9,446	9,446	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
16	7,902	7,902	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
17	8,839	8,839	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
18	9,274	9,274	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
19	8,173	8,173	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
20	9,397	9,397	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	9,675	9,675	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
22	5,832	5,832	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
23	4,966	4,966	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
24	6,697	6,697	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
25	6,605	6,605	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
26	7,217	7,217	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
27	7,590	7,590	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
28	7,370	7,370	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
29	8,393	8,393	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
30	8,723	8,724	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
31	9,142	9,142	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
32	8,171	8,171	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
33	10,047	10,047	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
34	10,389	10,389	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
35	4,213	4,214	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
36	4,492	4,493	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
37	3,635	3,636	<b>14.35</b>	105.0	0.00	82.21	-	-	0.00	0.00	-	0.00
38	3,882	3,883	<b>13.47</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
39	4,666	4,666	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
40	5,627	5,627	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
41	5,540	5,540	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
42	6,760	6,760	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
43	7,255	7,255	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
44	6,018	6,019	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
45	6,251	6,252	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
46	5,726	5,727	<b>8.13</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
47	7,717	7,717	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
48	8,179	8,179	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
49	8,589	8,589	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
50	7,987	7,987	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
51	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
52	8,724	8,724	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
53	9,401	9,402	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
54	10,693	10,693	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
55	2,706	2,708	<b>18.12</b>	105.0	0.00	79.65	-	-	0.00	0.00	-	0.00
56	2,885	2,886	<b>17.32</b>	105.0	0.00	80.21	-	-	0.00	0.00	-	0.00
57	3,353	3,354	<b>15.40</b>	105.0	0.00	81.51	-	-	0.00	0.00	-	0.00
58	3,793	3,794	<b>13.78</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
59	5,328	5,329	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
60	5,679	5,680	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
61	6,473	6,473	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
62	5,890	5,890	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
63	6,266	6,266	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
64	7,082	7,082	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
65	7,459	7,459	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
66	2,532	2,534	<b>18.93</b>	105.0	0.00	79.07	-	-	0.00	0.00	-	0.00
67	4,439	4,440	<b>11.65</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
68	4,257	4,258	<b>12.23</b>	105.0	0.00	83.58	-	-	0.00	0.00	-	0.00
69	4,875	4,876	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
70	5,221	5,222	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
71	5,753	5,753	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
72	6,143	6,144	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
73	5,058	5,058	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
74	4,138	4,139	<b>12.61</b>	105.0	0.00	83.34	-	-	0.00	0.00	-	0.00
75	4,741	4,742	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
76	5,127	5,127	<b>9.67</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
77	6,973	6,973	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
78	5,931	5,931	<b>7.63</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
79	7,533	7,533	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	8,986	8,986	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
81	9,143	9,144	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
82	9,383	9,383	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
83	10,481	10,482	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
84	10,886	10,886	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
85	11,188	11,188	<b>-1.24</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
86	11,573	11,573	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
87	9,358	9,359	<b>1.23</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
88	9,321	9,321	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
89	9,961	9,962	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
90	10,166	10,167	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
91	10,451	10,452	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
92	10,726	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
93	10,751	10,751	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
94	9,236	9,236	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
95	9,395	9,396	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
96	10,086	10,086	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
97	11,362	11,363	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
98	11,220	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
99	11,486	11,487	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
100	11,869	11,870	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00

Sum 28.17

- Data undefined due to calculation with octave data

### Noise sensitive area: H222 H222

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,135	9,135	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
2	9,386	9,386	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
3	8,978	8,978	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
4	7,946	7,946	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
5	7,749	7,749	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
6	8,162	8,162	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
7	8,136	8,136	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
8	8,295	8,295	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
9	7,485	7,485	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
10	7,607	7,607	<b>4.13</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
11	8,271	8,271	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
12	7,224	7,225	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
13	7,686	7,686	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
14	8,423	8,423	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
15	7,573	7,573	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
16	6,493	6,493	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
17	6,995	6,995	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
18	7,223	7,223	<b>4.86</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
19	6,259	6,259	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
20	7,113	7,113	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
21	7,350	7,350	<b>4.62</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
22	4,960	4,960	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
23	4,116	4,117	<b>12.68</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
24	4,860	4,861	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
25	4,518	4,518	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
26	5,111	5,111	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
27	5,234	5,234	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
28	4,861	4,861	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
29	5,890	5,890	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
30	6,124	6,124	<b>7.19</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	6,471	6,471	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
32	5,528	5,528	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
33	7,235	7,235	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
34	7,506	7,506	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
35	3,153	3,154	<b>16.20</b>	105.0	0.00	80.98	-	-	0.00	0.00	-	0.00
36	3,051	3,052	<b>16.62</b>	105.0	0.00	80.69	-	-	0.00	0.00	-	0.00
37	2,471	2,473	<b>19.22</b>	105.0	0.00	78.86	-	-	0.00	0.00	-	0.00
38	2,363	2,364	<b>19.81</b>	105.0	0.00	78.47	-	-	0.00	0.00	-	0.00
39	2,751	2,752	<b>17.92</b>	105.0	0.00	79.79	-	-	0.00	0.00	-	0.00
40	3,504	3,505	<b>14.83</b>	105.0	0.00	81.89	-	-	0.00	0.00	-	0.00
41	3,048	3,048	<b>16.63</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
42	4,229	4,229	<b>12.32</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
43	4,582	4,582	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
44	3,511	3,511	<b>14.81</b>	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00
45	3,565	3,565	<b>14.60</b>	105.0	0.00	82.04	-	-	0.00	0.00	-	0.00
46	3,000	3,001	<b>16.83</b>	105.0	0.00	80.55	-	-	0.00	0.00	-	0.00
47	4,915	4,915	<b>10.25</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
48	5,339	5,340	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
49	5,740	5,741	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
50	5,043	5,044	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
51	5,411	5,411	<b>8.92</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
52	5,788	5,788	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
53	6,517	6,517	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
54	7,754	7,754	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
55	1,430	1,432	<b>26.25</b>	105.0	0.00	74.12	-	-	0.00	0.00	-	0.00
56	1,034	1,038	<b>30.12</b>	105.0	0.00	71.32	-	-	0.00	0.00	-	0.00
57	1,137	1,140	<b>29.02</b>	105.0	0.00	72.14	-	-	0.00	0.00	-	0.00
58	1,188	1,190	<b>28.50</b>	105.0	0.00	72.51	-	-	0.00	0.00	-	0.00
59	2,385	2,385	<b>19.69</b>	105.0	0.00	78.55	-	-	0.00	0.00	-	0.00
60	2,723	2,724	<b>18.04</b>	105.0	0.00	79.70	-	-	0.00	0.00	-	0.00
61	3,533	3,533	<b>14.72</b>	105.0	0.00	81.96	-	-	0.00	0.00	-	0.00
62	2,886	2,887	<b>17.32</b>	105.0	0.00	80.21	-	-	0.00	0.00	-	0.00
63	3,260	3,260	<b>15.77</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
64	4,096	4,096	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
65	4,489	4,490	<b>11.50</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
66	556	561	<b>37.02</b>	105.0	0.00	65.98	-	-	0.00	0.00	-	0.00
67	1,578	1,580	<b>25.03</b>	105.0	0.00	74.97	-	-	0.00	0.00	-	0.00
68	1,526	1,529	<b>25.45</b>	105.0	0.00	74.69	-	-	0.00	0.00	-	0.00
69	1,993	1,995	<b>22.06</b>	105.0	0.00	77.00	-	-	0.00	0.00	-	0.00
70	2,298	2,300	<b>20.18</b>	105.0	0.00	78.23	-	-	0.00	0.00	-	0.00
71	2,821	2,822	<b>17.60</b>	105.0	0.00	80.01	-	-	0.00	0.00	-	0.00
72	3,281	3,281	<b>15.69</b>	105.0	0.00	81.32	-	-	0.00	0.00	-	0.00
73	2,357	2,358	<b>19.84</b>	105.0	0.00	78.45	-	-	0.00	0.00	-	0.00
74	2,367	2,368	<b>19.78</b>	105.0	0.00	78.49	-	-	0.00	0.00	-	0.00
75	2,839	2,840	<b>17.52</b>	105.0	0.00	80.07	-	-	0.00	0.00	-	0.00
76	3,099	3,100	<b>16.42</b>	105.0	0.00	80.83	-	-	0.00	0.00	-	0.00
77	4,457	4,457	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
78	3,981	3,982	<b>13.13</b>	105.0	0.00	83.00	-	-	0.00	0.00	-	0.00
79	5,411	5,411	<b>8.92</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
80	6,475	6,475	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
81	6,827	6,827	<b>5.66</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
82	7,000	7,000	<b>5.30</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
83	7,923	7,923	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
84	8,455	8,455	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
85	8,721	8,721	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
86	9,092	9,092	<b>1.63</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
87	7,567	7,567	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
88	7,169	7,170	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
89	7,860	7,860	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	7,961	7,961	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
91	8,392	8,392	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
92	8,599	8,599	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
93	8,413	8,414	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
94	7,854	7,854	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
95	7,893	7,893	<b>3.62</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
96	8,571	8,571	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
97	9,530	9,531	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
98	9,256	9,256	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
99	9,429	9,430	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
100	9,952	9,953	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00

Sum 40.20

- Data undefined due to calculation with octave data

## Noise sensitive area: H224 H224

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,780	9,780	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
2	10,017	10,017	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
3	9,602	9,602	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
4	8,606	8,606	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
5	8,400	8,400	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
6	8,784	8,784	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
7	8,740	8,741	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
8	8,871	8,872	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
9	8,083	8,083	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
10	8,191	8,191	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
11	8,776	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
12	7,746	7,746	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
13	8,174	8,174	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
14	8,878	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
15	7,990	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
16	7,021	7,021	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
17	7,427	7,427	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
18	7,597	7,597	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
19	6,685	6,685	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
20	7,416	7,417	<b>4.49</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
21	7,635	7,635	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
22	5,583	5,584	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
23	4,755	4,756	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
24	5,334	5,334	<b>9.12</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
25	4,936	4,936	<b>10.20</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
26	5,507	5,508	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
27	5,544	5,544	<b>8.58</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
28	5,117	5,117	<b>9.70</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
29	6,126	6,126	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
30	6,310	6,310	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
31	6,614	6,614	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
32	5,702	5,702	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
33	7,279	7,279	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
34	7,490	7,490	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
35	3,797	3,798	<b>13.77</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
36	3,656	3,657	<b>14.27</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00
37	3,127	3,128	<b>16.30</b>	105.0	0.00	80.91	-	-	0.00	0.00	-	0.00
38	2,988	2,989	<b>16.88</b>	105.0	0.00	80.51	-	-	0.00	0.00	-	0.00
39	3,287	3,288	<b>15.66</b>	105.0	0.00	81.34	-	-	0.00	0.00	-	0.00
40	3,948	3,948	<b>13.25</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	3,380	3,380	<b>15.30</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
42	4,492	4,493	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
43	4,761	4,761	<b>10.69</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
44	3,813	3,813	<b>13.71</b>	105.0	0.00	82.63	-	-	0.00	0.00	-	0.00
45	3,770	3,770	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
46	3,206	3,207	<b>15.98</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
47	5,001	5,001	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
48	5,388	5,388	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
49	5,775	5,775	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
50	4,990	4,990	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
51	5,362	5,362	<b>9.05</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
52	5,734	5,734	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
53	6,510	6,510	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
54	7,678	7,678	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
55	2,107	2,109	<b>21.33</b>	105.0	0.00	77.48	-	-	0.00	0.00	-	0.00
56	1,709	1,711	<b>24.03</b>	105.0	0.00	75.67	-	-	0.00	0.00	-	0.00
57	1,752	1,754	<b>23.72</b>	105.0	0.00	75.88	-	-	0.00	0.00	-	0.00
58	1,658	1,660	<b>24.41</b>	105.0	0.00	75.40	-	-	0.00	0.00	-	0.00
59	2,417	2,418	<b>19.50</b>	105.0	0.00	78.67	-	-	0.00	0.00	-	0.00
60	2,716	2,717	<b>18.08</b>	105.0	0.00	79.68	-	-	0.00	0.00	-	0.00
61	3,518	3,519	<b>14.78</b>	105.0	0.00	81.93	-	-	0.00	0.00	-	0.00
62	2,763	2,764	<b>17.86</b>	105.0	0.00	79.83	-	-	0.00	0.00	-	0.00
63	3,112	3,113	<b>16.37</b>	105.0	0.00	80.86	-	-	0.00	0.00	-	0.00
64	3,989	3,989	<b>13.11</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
65	4,407	4,407	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
66	1,165	1,167	<b>28.73</b>	105.0	0.00	72.34	-	-	0.00	0.00	-	0.00
67	1,093	1,097	<b>29.47</b>	105.0	0.00	71.80	-	-	0.00	0.00	-	0.00
68	940	944	<b>31.22</b>	105.0	0.00	70.50	-	-	0.00	0.00	-	0.00
69	1,529	1,531	<b>25.43</b>	105.0	0.00	74.70	-	-	0.00	0.00	-	0.00
70	1,878	1,880	<b>22.83</b>	105.0	0.00	76.48	-	-	0.00	0.00	-	0.00
71	2,409	2,410	<b>19.55</b>	105.0	0.00	78.64	-	-	0.00	0.00	-	0.00
72	2,804	2,805	<b>17.68</b>	105.0	0.00	79.96	-	-	0.00	0.00	-	0.00
73	1,776	1,778	<b>23.54</b>	105.0	0.00	76.00	-	-	0.00	0.00	-	0.00
74	1,718	1,720	<b>23.96</b>	105.0	0.00	75.71	-	-	0.00	0.00	-	0.00
75	2,166	2,168	<b>20.96</b>	105.0	0.00	77.72	-	-	0.00	0.00	-	0.00
76	2,421	2,423	<b>19.48</b>	105.0	0.00	78.69	-	-	0.00	0.00	-	0.00
77	3,843	3,844	<b>13.61</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
78	3,304	3,305	<b>15.60</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
79	4,746	4,747	<b>10.74</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
80	5,872	5,872	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
81	6,189	6,190	<b>7.03</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
82	6,374	6,374	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
83	7,337	7,337	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
84	7,842	7,842	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
85	8,116	8,116	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
86	8,490	8,491	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
87	6,891	6,891	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
88	6,513	6,514	<b>6.32</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
89	7,201	7,202	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
90	7,312	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
91	7,731	7,731	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
92	7,944	7,944	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
93	7,784	7,784	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
94	7,180	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
95	7,217	7,217	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
96	7,894	7,895	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
97	8,858	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
98	8,590	8,590	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
99	8,770	8,770	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
100	9,284	9,284	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00

Sum 37.94

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H225 H225

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,173	10,173	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
	2	10,246	10,246	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
	3	9,773	9,773	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
	4	9,255	9,255	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
	5	8,934	8,934	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
	6	8,977	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
	7	8,779	8,779	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
	8	8,686	8,686	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
	9	8,108	8,108	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
	10	8,098	8,098	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
	11	8,124	8,124	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	12	7,263	7,263	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
	13	7,464	7,464	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
	14	7,948	7,948	<b>3.52</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
	15	6,927	6,927	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
	16	6,639	6,639	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
	17	6,478	6,478	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
	18	6,362	6,362	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
	19	5,772	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
	20	5,889	5,889	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
	21	6,020	6,020	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
	22	6,038	6,039	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
	23	5,471	5,472	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
	24	4,842	4,842	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
	25	4,231	4,232	<b>12.31</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
	26	4,600	4,600	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
	27	4,240	4,240	<b>12.28</b>	105.0	0.00	83.55	-	-	0.00	0.00	-	0.00
	28	3,654	3,655	<b>14.28</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00
	29	4,449	4,450	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
	30	4,432	4,432	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
	31	4,566	4,566	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
	32	3,843	3,843	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
	33	4,918	4,918	<b>10.25</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
	34	4,992	4,992	<b>10.04</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
	35	4,715	4,715	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
	36	4,300	4,301	<b>12.09</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
	37	4,317	4,318	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
	38	3,962	3,963	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
	39	3,631	3,632	<b>14.36</b>	105.0	0.00	82.20	-	-	0.00	0.00	-	0.00
	40	3,612	3,613	<b>14.43</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
	41	2,747	2,748	<b>17.93</b>	105.0	0.00	79.78	-	-	0.00	0.00	-	0.00
	42	3,191	3,191	<b>16.05</b>	105.0	0.00	81.08	-	-	0.00	0.00	-	0.00
	43	3,061	3,061	<b>16.58</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
	44	2,876	2,877	<b>17.36</b>	105.0	0.00	80.18	-	-	0.00	0.00	-	0.00
	45	2,441	2,442	<b>19.37</b>	105.0	0.00	78.75	-	-	0.00	0.00	-	0.00
	46	2,136	2,138	<b>21.15</b>	105.0	0.00	77.60	-	-	0.00	0.00	-	0.00
	47	2,925	2,926	<b>17.15</b>	105.0	0.00	80.32	-	-	0.00	0.00	-	0.00
	48	3,150	3,151	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
	49	3,466	3,467	<b>14.97</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
	50	2,516	2,516	<b>19.01</b>	105.0	0.00	79.02	-	-	0.00	0.00	-	0.00
	51	2,872	2,872	<b>17.38</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
	52	3,217	3,217	<b>15.94</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
	53	4,059	4,059	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
	54	5,074	5,074	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
	55	3,954	3,955	<b>13.22</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
	56	3,538	3,539	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
	57	3,187	3,188	<b>16.06</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
	58	2,683	2,684	<b>18.23</b>	105.0	0.00	79.58	-	-	0.00	0.00	-	0.00
	59	1,300	1,303	<b>27.41</b>	105.0	0.00	73.30	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	1,141	1,144	<b>28.97</b>	105.0	0.00	72.17	-	-	0.00	0.00	-	0.00
61	1,421	1,423	<b>26.33</b>	105.0	0.00	74.06	-	-	0.00	0.00	-	0.00
62	671	676	<b>35.00</b>	105.0	0.00	67.60	-	-	0.00	0.00	-	0.00
63	685	689	<b>34.78</b>	105.0	0.00	67.77	-	-	0.00	0.00	-	0.00
64	1,480	1,482	<b>25.83</b>	105.0	0.00	74.42	-	-	0.00	0.00	-	0.00
65	1,911	1,912	<b>22.61</b>	105.0	0.00	76.63	-	-	0.00	0.00	-	0.00
66	3,524	3,525	<b>14.75</b>	105.0	0.00	81.94	-	-	0.00	0.00	-	0.00
67	1,707	1,709	<b>24.04</b>	105.0	0.00	75.66	-	-	0.00	0.00	-	0.00
68	2,004	2,006	<b>21.98</b>	105.0	0.00	77.05	-	-	0.00	0.00	-	0.00
69	1,337	1,340	<b>27.07</b>	105.0	0.00	73.54	-	-	0.00	0.00	-	0.00
70	989	993	<b>30.64</b>	105.0	0.00	70.94	-	-	0.00	0.00	-	0.00
71	688	694	<b>34.71</b>	105.0	0.00	67.82	-	-	0.00	0.00	-	0.00
72	1,074	1,078	<b>29.68</b>	105.0	0.00	71.65	-	-	0.00	0.00	-	0.00
73	1,662	1,664	<b>24.38</b>	105.0	0.00	75.42	-	-	0.00	0.00	-	0.00
74	3,270	3,271	<b>15.73</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00
75	3,169	3,171	<b>16.13</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
76	3,044	3,045	<b>16.65</b>	105.0	0.00	80.67	-	-	0.00	0.00	-	0.00
77	2,728	2,729	<b>18.02</b>	105.0	0.00	79.72	-	-	0.00	0.00	-	0.00
78	3,521	3,522	<b>14.77</b>	105.0	0.00	81.94	-	-	0.00	0.00	-	0.00
79	4,149	4,149	<b>12.58</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
80	4,334	4,335	<b>11.98</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
81	4,976	4,977	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
82	5,018	5,019	<b>9.97</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
83	5,575	5,575	<b>8.50</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
84	6,270	6,270	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
85	6,465	6,465	<b>6.42</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
86	6,796	6,796	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
87	6,397	6,398	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
88	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
89	6,218	6,218	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
90	6,154	6,154	<b>7.11</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
91	6,756	6,756	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
92	6,848	6,848	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
93	6,372	6,373	<b>6.63</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
94	7,176	7,177	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
95	7,060	7,060	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
96	7,640	7,641	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
97	8,103	8,104	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
98	7,677	7,677	<b>4.00</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
99	7,711	7,711	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
100	8,383	8,383	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00

Sum 42.14

- Data undefined due to calculation with octave data

### Noise sensitive area: H226 H226

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,832	9,832	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
2	9,967	9,967	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
3	9,512	9,512	<b>1.01</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
4	8,809	8,810	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
5	8,527	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
6	8,700	8,700	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
7	8,559	8,560	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
8	8,554	8,554	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
9	7,885	7,885	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
10	7,922	7,922	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	8,177	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
12	7,233	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
13	7,533	7,533	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
14	8,118	8,118	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
15	7,143	7,143	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
16	6,556	6,556	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
17	6,636	6,636	<b>6.06</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
18	6,647	6,647	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
19	5,900	5,901	<b>7.71</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
20	6,304	6,304	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
21	6,478	6,478	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
22	5,612	5,612	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
23	4,934	4,934	<b>10.20</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
24	4,759	4,759	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
25	4,218	4,219	<b>12.35</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
26	4,694	4,694	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
27	4,511	4,511	<b>11.44</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
28	3,984	3,985	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
29	4,912	4,912	<b>10.26</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
30	4,997	4,998	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
31	5,223	5,224	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
32	4,386	4,387	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
33	5,749	5,749	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
34	5,901	5,901	<b>7.70</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
35	4,079	4,080	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
36	3,740	3,741	<b>13.97</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
37	3,576	3,576	<b>14.56</b>	105.0	0.00	82.07	-	-	0.00	0.00	-	0.00
38	3,269	3,269	<b>15.74</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00
39	3,138	3,139	<b>16.26</b>	105.0	0.00	80.94	-	-	0.00	0.00	-	0.00
40	3,400	3,400	<b>15.23</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
41	2,598	2,599	<b>18.62</b>	105.0	0.00	79.30	-	-	0.00	0.00	-	0.00
42	3,417	3,417	<b>15.16</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
43	3,494	3,494	<b>14.87</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
44	2,893	2,893	<b>17.29</b>	105.0	0.00	80.23	-	-	0.00	0.00	-	0.00
45	2,630	2,631	<b>18.47</b>	105.0	0.00	79.40	-	-	0.00	0.00	-	0.00
46	2,145	2,146	<b>21.10</b>	105.0	0.00	77.63	-	-	0.00	0.00	-	0.00
47	3,566	3,567	<b>14.60</b>	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00
48	3,891	3,891	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
49	4,254	4,254	<b>12.24</b>	105.0	0.00	83.58	-	-	0.00	0.00	-	0.00
50	3,393	3,394	<b>15.25</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
51	3,763	3,763	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
52	4,128	4,129	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
53	4,936	4,936	<b>10.20</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
54	6,047	6,047	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
55	3,017	3,018	<b>16.76</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
56	2,584	2,585	<b>18.68</b>	105.0	0.00	79.25	-	-	0.00	0.00	-	0.00
57	2,297	2,298	<b>20.19</b>	105.0	0.00	78.23	-	-	0.00	0.00	-	0.00
58	1,839	1,841	<b>23.10</b>	105.0	0.00	76.30	-	-	0.00	0.00	-	0.00
59	1,148	1,150	<b>28.92</b>	105.0	0.00	72.21	-	-	0.00	0.00	-	0.00
60	1,298	1,300	<b>27.43</b>	105.0	0.00	73.28	-	-	0.00	0.00	-	0.00
61	2,008	2,009	<b>21.96</b>	105.0	0.00	77.06	-	-	0.00	0.00	-	0.00
62	1,166	1,168	<b>28.73</b>	105.0	0.00	72.35	-	-	0.00	0.00	-	0.00
63	1,478	1,480	<b>25.85</b>	105.0	0.00	74.40	-	-	0.00	0.00	-	0.00
64	2,366	2,366	<b>19.80</b>	105.0	0.00	78.48	-	-	0.00	0.00	-	0.00
65	2,795	2,795	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
66	2,481	2,482	<b>19.18</b>	105.0	0.00	78.90	-	-	0.00	0.00	-	0.00
67	744	749	<b>33.86</b>	105.0	0.00	68.49	-	-	0.00	0.00	-	0.00
68	1,071	1,074	<b>29.72</b>	105.0	0.00	71.62	-	-	0.00	0.00	-	0.00
69	583	588	<b>36.52</b>	105.0	0.00	66.38	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	551	557	<b>37.10</b>	105.0	0.00	65.92	-	-	0.00	0.00	-	0.00
71	956	960	<b>31.03</b>	105.0	0.00	70.64	-	-	0.00	0.00	-	0.00
72	1,495	1,497	<b>25.71</b>	105.0	0.00	74.50	-	-	0.00	0.00	-	0.00
73	1,174	1,176	<b>28.65</b>	105.0	0.00	72.41	-	-	0.00	0.00	-	0.00
74	2,505	2,506	<b>19.06</b>	105.0	0.00	78.98	-	-	0.00	0.00	-	0.00
75	2,577	2,579	<b>18.71</b>	105.0	0.00	79.23	-	-	0.00	0.00	-	0.00
76	2,581	2,582	<b>18.70</b>	105.0	0.00	79.24	-	-	0.00	0.00	-	0.00
77	3,018	3,019	<b>16.76</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
78	3,273	3,273	<b>15.72</b>	105.0	0.00	81.30	-	-	0.00	0.00	-	0.00
79	4,288	4,288	<b>12.13</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00
80	4,898	4,898	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
81	5,412	5,413	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
82	5,517	5,518	<b>8.65</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
83	6,260	6,261	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
84	6,883	6,883	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
85	7,114	7,114	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
86	7,467	7,467	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
87	6,561	6,562	<b>6.21</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
88	5,882	5,883	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
89	6,582	6,582	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
90	6,590	6,591	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
91	7,125	7,125	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
92	7,269	7,269	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
93	6,919	6,919	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
94	7,157	7,157	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
95	7,100	7,100	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
96	7,728	7,729	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
97	8,400	8,400	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
98	8,033	8,034	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
99	8,128	8,128	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
100	8,742	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00

Sum 43.01

- Data undefined due to calculation with octave data

### Noise sensitive area: H227 H227

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,572	10,572	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
2	10,612	10,612	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
3	10,132	10,132	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
4	9,707	9,707	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
5	9,369	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
6	9,348	9,349	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
7	9,122	9,122	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
8	8,983	8,983	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
9	8,456	8,457	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
10	8,422	8,423	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
11	8,322	8,322	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
12	7,515	7,515	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
13	7,658	7,658	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
14	8,077	8,078	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
15	7,038	7,038	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
16	6,926	6,926	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
17	6,630	6,630	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
18	6,436	6,436	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
19	5,952	5,952	<b>7.58</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
20	5,883	5,883	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	5,981	5,981	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
22	6,501	6,501	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
23	5,985	5,986	<b>7.50</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
24	5,155	5,156	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
25	4,521	4,522	<b>11.40</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
26	4,822	4,822	<b>10.52</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
27	4,364	4,365	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
28	3,760	3,761	<b>13.90</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
29	4,438	4,439	<b>11.66</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
30	4,344	4,345	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
31	4,403	4,403	<b>11.77</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
32	3,789	3,790	<b>13.79</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
33	4,595	4,596	<b>11.18</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
34	4,590	4,590	<b>11.20</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
35	5,273	5,273	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
36	4,836	4,837	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
37	4,914	4,914	<b>10.26</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
38	4,546	4,547	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
39	4,152	4,153	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
40	4,018	4,019	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
41	3,158	3,159	<b>16.18</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
42	3,382	3,383	<b>15.29</b>	105.0	0.00	81.59	-	-	0.00	0.00	-	0.00
43	3,123	3,124	<b>16.32</b>	105.0	0.00	80.89	-	-	0.00	0.00	-	0.00
44	3,201	3,202	<b>16.00</b>	105.0	0.00	81.11	-	-	0.00	0.00	-	0.00
45	2,700	2,701	<b>18.15</b>	105.0	0.00	79.63	-	-	0.00	0.00	-	0.00
46	2,515	2,517	<b>19.01</b>	105.0	0.00	79.02	-	-	0.00	0.00	-	0.00
47	2,833	2,833	<b>17.55</b>	105.0	0.00	80.05	-	-	0.00	0.00	-	0.00
48	2,957	2,958	<b>17.01</b>	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
49	3,217	3,218	<b>15.94</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
50	2,212	2,213	<b>20.69</b>	105.0	0.00	77.90	-	-	0.00	0.00	-	0.00
51	2,535	2,536	<b>18.92</b>	105.0	0.00	79.08	-	-	0.00	0.00	-	0.00
52	2,844	2,845	<b>17.50</b>	105.0	0.00	80.08	-	-	0.00	0.00	-	0.00
53	3,705	3,706	<b>14.09</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
54	4,600	4,600	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
55	4,600	4,601	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
56	4,187	4,189	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
57	3,827	3,828	<b>13.66</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
58	3,318	3,319	<b>15.54</b>	105.0	0.00	81.42	-	-	0.00	0.00	-	0.00
59	1,837	1,839	<b>23.11</b>	105.0	0.00	76.29	-	-	0.00	0.00	-	0.00
60	1,593	1,595	<b>24.92</b>	105.0	0.00	75.05	-	-	0.00	0.00	-	0.00
61	1,541	1,543	<b>25.33</b>	105.0	0.00	74.77	-	-	0.00	0.00	-	0.00
62	1,111	1,114	<b>29.29</b>	105.0	0.00	71.93	-	-	0.00	0.00	-	0.00
63	873	876	<b>32.08</b>	105.0	0.00	69.85	-	-	0.00	0.00	-	0.00
64	1,269	1,271	<b>27.71</b>	105.0	0.00	73.09	-	-	0.00	0.00	-	0.00
65	1,646	1,647	<b>24.51</b>	105.0	0.00	75.33	-	-	0.00	0.00	-	0.00
66	4,178	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
67	2,295	2,297	<b>20.19</b>	105.0	0.00	78.22	-	-	0.00	0.00	-	0.00
68	2,569	2,571	<b>18.75</b>	105.0	0.00	79.20	-	-	0.00	0.00	-	0.00
69	1,889	1,891	<b>22.75</b>	105.0	0.00	76.54	-	-	0.00	0.00	-	0.00
70	1,523	1,526	<b>25.47</b>	105.0	0.00	74.67	-	-	0.00	0.00	-	0.00
71	1,058	1,062	<b>29.85</b>	105.0	0.00	71.52	-	-	0.00	0.00	-	0.00
72	1,126	1,129	<b>29.13</b>	105.0	0.00	72.05	-	-	0.00	0.00	-	0.00
73	2,076	2,078	<b>21.53</b>	105.0	0.00	77.35	-	-	0.00	0.00	-	0.00
74	3,712	3,713	<b>14.07</b>	105.0	0.00	82.39	-	-	0.00	0.00	-	0.00
75	3,522	3,523	<b>14.76</b>	105.0	0.00	81.94	-	-	0.00	0.00	-	0.00
76	3,332	3,334	<b>15.48</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
77	2,582	2,583	<b>18.69</b>	105.0	0.00	79.24	-	-	0.00	0.00	-	0.00
78	3,666	3,667	<b>14.23</b>	105.0	0.00	82.29	-	-	0.00	0.00	-	0.00
79	4,033	4,034	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	3,940	3,941	<b>13.27</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
81	4,651	4,652	<b>11.01</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
82	4,653	4,653	<b>11.01</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
83	5,088	5,088	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
84	5,820	5,820	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
85	5,992	5,993	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
86	6,308	6,309	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
87	6,220	6,220	<b>6.97</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
88	5,255	5,255	<b>9.32</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
89	5,919	5,920	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
90	5,812	5,812	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
91	6,448	6,448	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
92	6,508	6,508	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
93	5,961	5,961	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
94	7,101	7,102	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
95	6,950	6,951	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
96	7,495	7,495	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
97	7,827	7,828	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
98	7,369	7,369	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
99	7,367	7,367	<b>4.59</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
100	8,068	8,068	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00

Sum 39.21

- Data undefined due to calculation with octave data

### Noise sensitive area: H228 H228

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,639	13,639	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
2	13,605	13,606	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
3	13,114	13,114	<b>-3.41</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
4	12,888	12,888	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
5	12,521	12,521	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
6	12,368	12,369	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
7	12,079	12,080	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
8	11,830	11,831	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
9	11,438	11,438	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
10	11,349	11,349	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
11	10,915	10,915	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
12	10,283	10,283	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
13	10,264	10,264	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
14	10,474	10,474	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
15	9,427	9,427	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
16	9,799	9,800	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
17	9,162	9,162	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
18	8,747	8,747	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
19	8,597	8,597	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
20	7,980	7,980	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
21	7,958	7,958	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
22	9,725	9,725	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
23	9,279	9,280	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
24	8,148	8,148	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
25	7,497	7,497	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
26	7,637	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
27	6,987	6,987	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
28	6,403	6,404	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
29	6,683	6,683	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
30	6,361	6,361	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	6,142	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
32	6,009	6,009	<b>7.45</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
33	5,607	5,607	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
34	5,175	5,175	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
35	8,604	8,604	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
36	8,154	8,155	<b>3.16</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
37	8,252	8,253	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
38	7,886	7,886	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
39	7,464	7,464	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
40	7,206	7,206	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
41	6,380	6,380	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
42	6,252	6,252	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
43	5,757	5,758	<b>8.05</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
44	6,310	6,311	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
45	5,753	5,753	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
46	5,731	5,732	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
47	5,152	5,152	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
48	4,946	4,946	<b>10.17</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
49	4,928	4,928	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
50	4,137	4,138	<b>12.61</b>	105.0	0.00	83.33	-	-	0.00	0.00	-	0.00
51	4,182	4,183	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
52	4,198	4,199	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
53	4,809	4,809	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
54	4,719	4,719	<b>10.82</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
55	7,867	7,867	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
56	7,438	7,439	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
57	7,118	7,119	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
58	6,622	6,623	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
59	5,174	5,175	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
60	4,906	4,906	<b>10.28</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
61	4,593	4,594	<b>11.19</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
62	4,440	4,440	<b>11.65</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
63	4,140	4,140	<b>12.61</b>	105.0	0.00	83.34	-	-	0.00	0.00	-	0.00
64	3,945	3,945	<b>13.26</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
65	3,986	3,987	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
66	7,295	7,296	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
67	5,189	5,190	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
68	5,344	5,345	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
69	4,758	4,758	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
70	4,443	4,444	<b>11.64</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
71	3,926	3,927	<b>13.32</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
72	3,469	3,471	<b>14.96</b>	105.0	0.00	81.81	-	-	0.00	0.00	-	0.00
73	4,548	4,549	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
74	5,843	5,844	<b>7.84</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
75	5,360	5,361	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
76	4,991	4,992	<b>10.04</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
77	3,020	3,021	<b>16.75</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
78	4,666	4,666	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
79	3,730	3,731	<b>14.00</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
80	2,105	2,106	<b>21.35</b>	105.0	0.00	77.47	-	-	0.00	0.00	-	0.00
81	2,954	2,955	<b>17.03</b>	105.0	0.00	80.41	-	-	0.00	0.00	-	0.00
82	2,705	2,706	<b>18.12</b>	105.0	0.00	79.65	-	-	0.00	0.00	-	0.00
83	2,256	2,258	<b>20.42</b>	105.0	0.00	78.07	-	-	0.00	0.00	-	0.00
84	3,103	3,104	<b>16.40</b>	105.0	0.00	80.84	-	-	0.00	0.00	-	0.00
85	3,134	3,135	<b>16.28</b>	105.0	0.00	80.92	-	-	0.00	0.00	-	0.00
86	3,348	3,349	<b>15.42</b>	105.0	0.00	81.50	-	-	0.00	0.00	-	0.00
87	4,964	4,965	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
88	3,646	3,648	<b>14.30</b>	105.0	0.00	82.24	-	-	0.00	0.00	-	0.00
89	4,056	4,056	<b>12.88</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	3,719	3,720	<b>14.04</b>	105.0	0.00	82.41	-	-	0.00	0.00	-	0.00
91	4,445	4,446	<b>11.64</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
92	4,319	4,320	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
93	3,446	3,448	<b>15.05</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
94	6,246	6,247	<b>6.90</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
95	5,936	5,937	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
96	6,222	6,223	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
97	5,836	5,837	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
98	5,252	5,253	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
99	5,058	5,059	<b>9.85</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
100	5,852	5,852	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00

Sum 30.95

- Data undefined due to calculation with octave data

## Noise sensitive area: H230 H230

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,000	15,000	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
2	14,892	14,892	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
3	14,397	14,397	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
4	14,388	14,388	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
5	13,990	13,991	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
6	13,701	13,701	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
7	13,358	13,358	<b>-3.66</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
8	13,017	13,017	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
9	12,751	12,752	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
10	12,614	12,614	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
11	11,923	11,923	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
12	11,445	11,446	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
13	11,303	11,303	<b>-1.38</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
14	11,353	11,354	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
15	10,347	10,347	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
16	11,061	11,062	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
17	10,193	10,193	<b>0.05</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
18	9,649	9,649	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
19	9,734	9,735	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
20	8,793	8,793	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
21	8,696	8,696	<b>2.26</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
22	11,323	11,323	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
23	10,985	10,985	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
24	9,562	9,563	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
25	8,925	8,925	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
26	8,942	8,943	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
27	8,204	8,204	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
28	7,678	7,678	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
29	7,695	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
30	7,274	7,275	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
31	6,923	6,923	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
32	7,078	7,079	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
33	6,048	6,048	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
34	5,444	5,444	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
35	10,402	10,402	<b>-0.24</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
36	9,922	9,922	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
37	10,126	10,127	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
38	9,741	9,742	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
39	9,228	9,229	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
40	8,822	8,823	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	8,057	8,057	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
42	7,677	7,677	<b>4.00</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
43	7,086	7,086	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
44	7,895	7,896	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
45	7,330	7,330	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
46	7,429	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
47	6,387	6,388	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
48	6,048	6,049	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
49	5,891	5,891	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
50	5,382	5,383	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
51	5,286	5,287	<b>9.24</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
52	5,152	5,153	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
53	5,469	5,470	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
54	4,802	4,803	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
55	9,860	9,861	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
56	9,443	9,444	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
57	9,090	9,091	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
58	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
59	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
60	6,733	6,733	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
61	6,261	6,262	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
62	6,305	6,306	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
63	5,963	5,963	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
64	5,545	5,546	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
65	5,446	5,447	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
66	9,361	9,362	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
67	7,286	7,287	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
68	7,460	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
69	6,851	6,851	<b>5.61</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
70	6,520	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
71	5,992	5,993	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
72	5,574	5,575	<b>8.50</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
73	6,680	6,681	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
74	7,990	7,991	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
75	7,500	7,501	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
76	7,126	7,127	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
77	5,132	5,133	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
78	6,745	6,746	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
79	5,619	5,620	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
80	3,756	3,757	<b>13.91</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
81	4,408	4,409	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
82	4,073	4,075	<b>12.82</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
83	2,948	2,950	<b>17.05</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
84	3,605	3,606	<b>14.45</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
85	3,419	3,421	<b>15.15</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
86	3,392	3,393	<b>15.25</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
87	6,287	6,288	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
88	4,985	4,987	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
89	5,138	5,139	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
90	4,695	4,697	<b>10.88</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
91	5,346	5,347	<b>9.08</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
92	5,084	5,085	<b>9.78</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
93	4,089	4,090	<b>12.77</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
94	7,643	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
95	7,279	7,280	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
96	7,392	7,393	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
97	6,541	6,542	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
98	5,925	5,926	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
99	5,582	5,583	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
100	6,356	6,357	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00

Sum 27.35

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H233 H233

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,998	15,998	<b>-6.08</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
	2	15,867	15,868	<b>-5.97</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
	3	15,373	15,373	<b>-5.54</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
	4	15,429	15,430	<b>-5.59</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
	5	15,024	15,024	<b>-5.24</b>	105.0	0.00	94.54	-	-	0.00	0.00	-	0.00
	6	14,694	14,695	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
	7	14,336	14,336	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
	8	13,966	13,967	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
	9	13,743	13,743	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
	10	13,591	13,591	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
	11	12,819	12,819	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
	12	12,396	12,396	<b>-2.64</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
	13	12,214	12,214	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
	14	12,208	12,208	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
	15	11,224	11,224	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
	16	12,045	12,045	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
	17	11,110	11,110	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
	18	10,526	10,527	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
	19	10,689	10,689	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
	20	9,650	9,650	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
	21	9,528	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
	22	12,397	12,398	<b>-2.64</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
	23	12,084	12,085	<b>-2.30</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
	24	10,597	10,598	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
	25	9,967	9,968	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
	26	9,952	9,952	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
	27	9,195	9,196	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	28	8,690	8,691	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
	29	8,632	8,633	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
	30	8,187	8,188	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
	31	7,799	7,800	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
	32	8,041	8,042	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
	33	6,830	6,830	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
	34	6,184	6,185	<b>7.05</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
	35	11,520	11,521	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
	36	11,036	11,037	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
	37	11,257	11,257	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
	38	10,870	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
	39	10,343	10,343	<b>-0.16</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
	40	9,910	9,910	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
	41	9,159	9,160	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
	42	8,727	8,728	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
	43	8,118	8,119	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
	44	8,980	8,981	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
	45	8,416	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	46	8,537	8,538	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
	47	7,405	7,406	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
	48	7,037	7,038	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
	49	6,846	6,846	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
	50	6,419	6,420	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
	51	6,292	6,293	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
	52	6,123	6,124	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
	53	6,345	6,346	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
	54	5,501	5,502	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
	55	11,003	11,003	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
	56	10,586	10,587	<b>-0.48</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
	57	10,232	10,233	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
	58	9,721	9,722	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
	59	8,173	8,174	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,863	7,864	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
61	7,371	7,371	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
62	7,440	7,441	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
63	7,094	7,095	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
64	6,648	6,649	<b>6.03</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
65	6,527	6,527	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
66	10,503	10,503	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
67	8,422	8,423	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
68	8,592	8,593	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
69	7,987	7,988	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
70	7,659	7,660	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
71	7,132	7,133	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
72	6,707	6,708	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
73	7,804	7,805	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
74	9,078	9,079	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
75	8,573	8,574	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
76	8,192	8,193	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
77	6,184	6,185	<b>7.05</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
78	7,762	7,763	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
79	6,536	6,537	<b>6.27</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
80	4,635	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
81	5,173	5,174	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
82	4,824	4,825	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
83	3,556	3,558	<b>14.63</b>	105.0	0.00	82.02	-	-	0.00	0.00	-	0.00
84	4,032	4,034	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
85	3,769	3,771	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
86	3,624	3,627	<b>14.38</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
87	6,912	6,913	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
88	5,671	5,672	<b>8.26</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
89	5,699	5,701	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
90	5,236	5,237	<b>9.37</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
91	5,811	5,812	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
92	5,499	5,501	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
93	4,526	4,528	<b>11.39</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
94	8,269	8,270	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
95	7,886	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
96	7,910	7,911	<b>3.58</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
97	6,853	6,854	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
98	6,249	6,250	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
99	5,848	5,849	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
100	6,573	6,574	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00

Sum 25.57

- Data undefined due to calculation with octave data

### Noise sensitive area: H248 H248

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,979	13,979	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
2	13,763	13,764	<b>-4.06</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
3	13,276	13,277	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
4	13,606	13,607	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
5	13,170	13,170	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
6	12,674	12,674	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
7	12,262	12,263	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
8	11,801	11,802	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
9	11,729	11,729	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
10	11,525	11,526	<b>-1.65</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,512	10,512	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
12	10,260	10,261	<b>-0.05</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
13	9,959	9,960	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
14	9,806	9,806	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
15	8,897	8,898	<b>1.94</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
16	10,035	10,036	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
17	8,896	8,896	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
18	8,218	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
19	8,608	8,609	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
20	7,312	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
21	7,133	7,134	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
22	10,824	10,825	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
23	10,702	10,703	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
24	8,856	8,857	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
25	8,287	8,288	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
26	8,114	8,115	<b>3.23</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
27	7,312	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
28	6,925	6,926	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
29	6,572	6,573	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
30	6,070	6,071	<b>7.31</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
31	5,594	5,595	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
32	6,108	6,109	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
33	4,437	4,438	<b>11.66</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00
34	3,744	3,745	<b>13.95</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00
35	10,337	10,338	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
36	9,821	9,822	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
37	10,245	10,246	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
38	9,840	9,841	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
39	9,163	9,164	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
40	8,508	8,509	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
41	7,917	7,918	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
42	7,152	7,153	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
43	6,484	6,485	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
44	7,609	7,610	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
45	7,089	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
46	7,389	7,390	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
47	5,753	5,754	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
48	5,287	5,288	<b>9.24</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
49	4,972	4,973	<b>10.09</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
50	4,962	4,963	<b>10.12</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
51	4,694	4,695	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
52	4,393	4,395	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
53	4,248	4,249	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
54	3,035	3,037	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
55	10,306	10,307	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
56	9,943	9,944	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
57	9,517	9,518	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
58	9,002	9,003	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
59	7,371	7,372	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
60	7,019	7,021	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
61	6,318	6,319	<b>6.74</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
62	6,723	6,725	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
63	6,344	6,346	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
64	5,614	5,615	<b>8.40</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
65	5,321	5,322	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
66	10,072	10,073	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
67	8,241	8,243	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
68	8,496	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
69	7,821	7,822	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,455	7,457	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
71	6,943	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
72	6,706	6,707	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
73	7,861	7,862	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
74	9,407	9,409	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
75	9,033	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
76	8,713	8,714	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
77	6,910	6,912	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
78	8,570	8,572	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
79	7,790	7,791	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
80	6,113	6,114	<b>7.21</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
81	6,896	6,897	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
82	6,593	6,595	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
83	5,635	5,637	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
84	6,350	6,352	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
85	6,183	6,185	<b>7.05</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
86	6,162	6,164	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
87	8,870	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
88	7,541	7,543	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
89	7,794	7,795	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
90	7,374	7,375	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
91	8,054	8,056	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
92	7,816	7,817	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
93	6,824	6,826	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
94	10,203	10,204	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
95	9,862	9,863	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
96	10,047	10,048	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
97	9,295	9,296	<b>1.33</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
98	8,679	8,680	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
99	8,347	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
100	9,124	9,126	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00

Sum 25.84

- Data undefined due to calculation with octave data

### Noise sensitive area: H249 H249

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,440	12,441	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
2	12,310	12,310	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
3	11,815	11,815	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
4	11,894	11,894	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
5	11,482	11,482	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
6	11,136	11,136	<b>-1.18</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
7	10,778	10,778	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
8	10,415	10,416	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
9	10,184	10,185	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
10	10,033	10,033	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
11	9,303	9,303	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
12	8,844	8,844	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
13	8,686	8,686	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
14	8,734	8,735	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
15	7,726	7,726	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
16	8,486	8,487	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
17	7,577	7,577	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
18	7,028	7,028	<b>5.25</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
19	7,135	7,135	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
20	6,175	6,175	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	6,086	6,086	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
22	8,917	8,918	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
23	8,676	8,677	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
24	7,063	7,064	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
25	6,443	6,443	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
26	6,400	6,400	<b>6.56</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
27	5,638	5,639	<b>8.34</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
28	5,142	5,143	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
29	5,084	5,085	<b>9.78</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
30	4,655	4,656	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
31	4,303	4,303	<b>12.08</b>	105.0	0.00	83.68	-	-	0.00	0.00	-	0.00
32	4,484	4,484	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
33	3,486	3,486	<b>14.90</b>	105.0	0.00	81.85	-	-	0.00	0.00	-	0.00
34	2,942	2,943	<b>17.08</b>	105.0	0.00	80.38	-	-	0.00	0.00	-	0.00
35	8,207	8,208	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
36	7,702	7,703	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
37	8,043	8,043	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
38	7,641	7,642	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
39	7,022	7,022	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
40	6,477	6,477	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
41	5,792	5,793	<b>7.97</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
42	5,220	5,221	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
43	4,589	4,590	<b>11.20</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
44	5,550	5,551	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
45	4,998	4,999	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
46	5,212	5,213	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
47	3,865	3,866	<b>13.53</b>	105.0	0.00	82.75	-	-	0.00	0.00	-	0.00
48	3,482	3,482	<b>14.91</b>	105.0	0.00	81.84	-	-	0.00	0.00	-	0.00
49	3,289	3,290	<b>15.66</b>	105.0	0.00	81.34	-	-	0.00	0.00	-	0.00
50	2,913	2,914	<b>17.20</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
51	2,748	2,749	<b>17.93</b>	105.0	0.00	79.78	-	-	0.00	0.00	-	0.00
52	2,565	2,566	<b>18.77</b>	105.0	0.00	79.18	-	-	0.00	0.00	-	0.00
53	2,852	2,853	<b>17.47</b>	105.0	0.00	80.11	-	-	0.00	0.00	-	0.00
54	2,395	2,396	<b>19.63</b>	105.0	0.00	78.59	-	-	0.00	0.00	-	0.00
55	8,008	8,008	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
56	7,630	7,631	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
57	7,217	7,218	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
58	6,699	6,700	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
59	5,072	5,073	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
60	4,726	4,728	<b>10.79</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
61	4,083	4,084	<b>12.79</b>	105.0	0.00	83.22	-	-	0.00	0.00	-	0.00
62	4,396	4,397	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
63	4,018	4,019	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
64	3,356	3,358	<b>15.39</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
65	3,131	3,131	<b>16.29</b>	105.0	0.00	80.92	-	-	0.00	0.00	-	0.00
66	7,724	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
67	5,872	5,873	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
68	6,129	6,130	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
69	5,453	5,454	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
70	5,087	5,088	<b>9.78</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
71	4,576	4,577	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
72	4,358	4,360	<b>11.90</b>	105.0	0.00	83.79	-	-	0.00	0.00	-	0.00
73	5,508	5,509	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
74	7,078	7,079	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
75	6,735	6,736	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
76	6,434	6,435	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
77	4,757	4,758	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
78	6,384	6,384	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
79	5,837	5,838	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	4,445	4,446	<b>11.64</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
81	5,313	5,314	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
82	5,078	5,079	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
83	4,519	4,520	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
84	5,354	5,355	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
85	5,312	5,312	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
86	5,439	5,440	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
87	7,319	7,320	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
88	6,012	6,013	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
89	6,431	6,432	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
90	6,086	6,087	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
91	6,811	6,812	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
92	6,665	6,666	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
93	5,749	5,750	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
94	8,572	8,572	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
95	8,278	8,279	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
96	8,590	8,591	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
97	8,187	8,188	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
98	7,592	7,593	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
99	7,365	7,365	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
100	8,163	8,164	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00

Sum 30.36

- Data undefined due to calculation with octave data

## Noise sensitive area: H250 H250

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,696	11,696	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
2	11,621	11,622	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
3	11,127	11,127	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
4	11,040	11,040	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
5	10,649	10,649	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
6	10,407	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
7	10,088	10,089	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
8	9,797	9,797	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
9	9,464	9,464	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
10	9,349	9,350	<b>1.25</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
11	8,822	8,822	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
12	8,235	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
13	8,176	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
14	8,356	8,356	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
15	7,312	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
16	7,794	7,794	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
17	7,069	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
18	6,628	6,628	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
19	6,534	6,534	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
20	5,852	5,852	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
21	5,829	5,829	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
22	7,960	7,961	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
23	7,634	7,635	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
24	6,226	6,227	<b>6.95</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
25	5,582	5,583	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
26	5,644	5,645	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
27	4,946	4,947	<b>10.17</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
28	4,386	4,387	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
29	4,574	4,575	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
30	4,236	4,237	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	4,014	4,014	<b>13.02</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
32	3,909	3,909	<b>13.38</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
33	3,557	3,557	<b>14.63</b>	105.0	0.00	82.02	-	-	0.00	0.00	-	0.00
34	3,221	3,222	<b>15.93</b>	105.0	0.00	81.16	-	-	0.00	0.00	-	0.00
35	7,089	7,090	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
36	6,598	6,598	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
37	6,869	6,870	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
38	6,473	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
39	5,907	5,908	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
40	5,462	5,463	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
41	4,711	4,711	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
42	4,330	4,331	<b>11.99</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
43	3,766	3,767	<b>13.88</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
44	4,534	4,535	<b>11.36</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
45	3,968	3,969	<b>13.17</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
46	4,095	4,096	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
47	3,103	3,104	<b>16.40</b>	105.0	0.00	80.84	-	-	0.00	0.00	-	0.00
48	2,844	2,845	<b>17.50</b>	105.0	0.00	80.08	-	-	0.00	0.00	-	0.00
49	2,801	2,802	<b>17.69</b>	105.0	0.00	79.95	-	-	0.00	0.00	-	0.00
50	2,079	2,080	<b>21.51</b>	105.0	0.00	77.36	-	-	0.00	0.00	-	0.00
51	2,072	2,073	<b>21.55</b>	105.0	0.00	77.33	-	-	0.00	0.00	-	0.00
52	2,069	2,071	<b>21.57</b>	105.0	0.00	77.32	-	-	0.00	0.00	-	0.00
53	2,713	2,714	<b>18.09</b>	105.0	0.00	79.67	-	-	0.00	0.00	-	0.00
54	2,918	2,918	<b>17.19</b>	105.0	0.00	80.30	-	-	0.00	0.00	-	0.00
55	6,758	6,759	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
56	6,370	6,371	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
57	5,969	5,970	<b>7.54</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
58	5,450	5,451	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
59	3,836	3,837	<b>13.63</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
60	3,501	3,502	<b>14.84</b>	105.0	0.00	81.89	-	-	0.00	0.00	-	0.00
61	2,933	2,934	<b>17.12</b>	105.0	0.00	80.35	-	-	0.00	0.00	-	0.00
62	3,136	3,137	<b>16.27</b>	105.0	0.00	80.93	-	-	0.00	0.00	-	0.00
63	2,763	2,765	<b>17.86</b>	105.0	0.00	79.83	-	-	0.00	0.00	-	0.00
64	2,205	2,207	<b>20.73</b>	105.0	0.00	77.87	-	-	0.00	0.00	-	0.00
65	2,084	2,085	<b>21.48</b>	105.0	0.00	77.38	-	-	0.00	0.00	-	0.00
66	6,435	6,436	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
67	4,570	4,571	<b>11.25</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
68	4,828	4,830	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
69	4,152	4,153	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
70	3,785	3,787	<b>13.81</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00
71	3,277	3,279	<b>15.70</b>	105.0	0.00	81.32	-	-	0.00	0.00	-	0.00
72	3,087	3,088	<b>16.47</b>	105.0	0.00	80.79	-	-	0.00	0.00	-	0.00
73	4,225	4,226	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
74	5,816	5,817	<b>7.91</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
75	5,503	5,504	<b>8.68</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
76	5,223	5,224	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
77	3,701	3,702	<b>14.11</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
78	5,260	5,261	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
79	4,938	4,939	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
80	3,874	3,875	<b>13.50</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
81	4,751	4,752	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
82	4,585	4,586	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
83	4,376	4,377	<b>11.85</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
84	5,220	5,221	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
85	5,263	5,264	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
86	5,474	5,475	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
87	6,693	6,694	<b>5.93</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
88	5,454	5,455	<b>8.81</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
89	5,976	5,977	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	5,703	5,703	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
91	6,423	6,424	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
92	6,347	6,348	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
93	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
94	7,854	7,855	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
95	7,600	7,601	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
96	7,996	7,997	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
97	7,840	7,841	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
98	7,280	7,280	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
99	7,129	7,129	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
100	7,912	7,912	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00

Sum 32.89

- Data undefined due to calculation with octave data

### Noise sensitive area: H251 H251

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,268	10,268	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
2	10,283	10,283	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
3	9,798	9,799	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
4	9,453	9,453	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
5	9,100	9,100	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
6	9,026	9,026	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
7	8,779	8,779	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
8	8,609	8,610	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
9	8,119	8,120	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
10	8,068	8,069	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
11	7,893	7,893	<b>3.62</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
12	7,117	7,118	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
13	7,229	7,229	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
14	7,618	7,619	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
15	6,573	6,574	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
16	6,552	6,552	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
17	6,184	6,184	<b>7.05</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
18	5,959	5,959	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
19	5,522	5,522	<b>8.63</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
20	5,382	5,383	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
21	5,473	5,473	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
22	6,269	6,269	<b>6.85</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
23	5,813	5,814	<b>7.91</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
24	4,809	4,810	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
25	4,165	4,165	<b>12.52</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
26	4,420	4,421	<b>11.71</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
27	3,917	3,918	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
28	3,309	3,310	<b>15.58</b>	105.0	0.00	81.40	-	-	0.00	0.00	-	0.00
29	3,941	3,942	<b>13.27</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
30	3,829	3,830	<b>13.65</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
31	3,878	3,879	<b>13.49</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
32	3,284	3,284	<b>15.68</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
33	4,080	4,080	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
34	4,099	4,099	<b>12.74</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
35	5,162	5,163	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
36	4,699	4,700	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
37	4,868	4,869	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
38	4,484	4,485	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
39	4,006	4,007	<b>13.05</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00
40	3,757	3,757	<b>13.91</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	2,917	2,918	<b>17.19</b>	105.0	0.00	80.30	-	-	0.00	0.00	-	0.00
42	2,980	2,981	<b>16.92</b>	105.0	0.00	80.49	-	-	0.00	0.00	-	0.00
43	2,661	2,662	<b>18.33</b>	105.0	0.00	79.50	-	-	0.00	0.00	-	0.00
44	2,890	2,891	<b>17.30</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
45	2,355	2,356	<b>19.86</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
46	2,267	2,269	<b>20.36</b>	105.0	0.00	78.12	-	-	0.00	0.00	-	0.00
47	2,323	2,324	<b>20.04</b>	105.0	0.00	78.32	-	-	0.00	0.00	-	0.00
48	2,432	2,433	<b>19.42</b>	105.0	0.00	78.72	-	-	0.00	0.00	-	0.00
49	2,691	2,692	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
50	1,688	1,690	<b>24.19</b>	105.0	0.00	75.56	-	-	0.00	0.00	-	0.00
51	2,018	2,019	<b>21.90</b>	105.0	0.00	77.10	-	-	0.00	0.00	-	0.00
52	2,338	2,339	<b>19.95</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
53	3,196	3,196	<b>16.03</b>	105.0	0.00	81.09	-	-	0.00	0.00	-	0.00
54	4,146	4,146	<b>12.59</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
55	4,684	4,686	<b>10.92</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
56	4,293	4,294	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
57	3,897	3,898	<b>13.42</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
58	3,379	3,380	<b>15.30</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
59	1,787	1,789	<b>23.47</b>	105.0	0.00	76.05	-	-	0.00	0.00	-	0.00
60	1,475	1,477	<b>25.87</b>	105.0	0.00	74.39	-	-	0.00	0.00	-	0.00
61	1,169	1,172	<b>28.69</b>	105.0	0.00	72.38	-	-	0.00	0.00	-	0.00
62	1,065	1,068	<b>29.78</b>	105.0	0.00	71.57	-	-	0.00	0.00	-	0.00
63	706	711	<b>34.44</b>	105.0	0.00	68.03	-	-	0.00	0.00	-	0.00
64	755	759	<b>33.71</b>	105.0	0.00	68.60	-	-	0.00	0.00	-	0.00
65	1,119	1,121	<b>29.21</b>	105.0	0.00	71.99	-	-	0.00	0.00	-	0.00
66	4,373	4,374	<b>11.86</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
67	2,646	2,648	<b>18.39</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
68	2,943	2,945	<b>17.07</b>	105.0	0.00	80.38	-	-	0.00	0.00	-	0.00
69	2,273	2,275	<b>20.32</b>	105.0	0.00	78.14	-	-	0.00	0.00	-	0.00
70	1,917	1,919	<b>22.56</b>	105.0	0.00	76.66	-	-	0.00	0.00	-	0.00
71	1,516	1,519	<b>25.53</b>	105.0	0.00	74.63	-	-	0.00	0.00	-	0.00
72	1,650	1,652	<b>24.47</b>	105.0	0.00	75.36	-	-	0.00	0.00	-	0.00
73	2,539	2,540	<b>18.90</b>	105.0	0.00	79.10	-	-	0.00	0.00	-	0.00
74	4,170	4,171	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
75	4,014	4,015	<b>13.02</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
76	3,840	3,841	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
77	3,081	3,082	<b>16.50</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
78	4,192	4,193	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
79	4,530	4,531	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
80	4,311	4,311	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
81	5,060	5,061	<b>9.85</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
82	5,037	5,037	<b>9.91</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
83	5,368	5,368	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
84	6,130	6,131	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
85	6,281	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
86	6,581	6,581	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
87	6,691	6,691	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
88	5,685	5,686	<b>8.23</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
89	6,336	6,337	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
90	6,204	6,205	<b>7.00</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
91	6,858	6,859	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
92	6,899	6,899	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
93	6,304	6,304	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
94	7,602	7,603	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
95	7,442	7,443	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
96	7,975	7,975	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
97	8,251	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
98	7,776	7,777	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
99	7,752	7,752	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
100	8,469	8,470	<b>2.63</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00

Sum 40.57

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H252 H252

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,075	10,075	<b>0.21</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
	2	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
	3	9,660	9,660	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
	4	9,179	9,179	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
	5	8,851	8,851	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
	6	8,868	8,869	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
	7	8,660	8,660	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
	8	8,552	8,552	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
	9	7,991	7,991	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
	10	7,973	7,973	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
	11	7,963	7,963	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
	12	7,115	7,115	<b>5.07</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
	13	7,301	7,301	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
	14	7,771	7,771	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
	15	6,745	6,745	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
	16	6,501	6,501	<b>6.35</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
	17	6,304	6,305	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
	18	6,173	6,173	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
	19	5,605	5,605	<b>8.43</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
	20	5,686	5,687	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
	21	5,813	5,814	<b>7.91</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
	22	5,966	5,966	<b>7.55</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
	23	5,425	5,426	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
	24	4,710	4,710	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
	25	4,091	4,091	<b>12.77</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
	26	4,441	4,441	<b>11.65</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
	27	4,058	4,058	<b>12.88</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
	28	3,467	3,468	<b>14.97</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
	29	4,245	4,245	<b>12.27</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
	30	4,219	4,219	<b>12.35</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
	31	4,348	4,348	<b>11.94</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
	32	3,632	3,633	<b>14.36</b>	105.0	0.00	82.20	-	-	0.00	0.00	-	0.00
	33	4,698	4,698	<b>10.88</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
	34	4,778	4,778	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
	35	4,695	4,695	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
	36	4,266	4,266	<b>12.20</b>	105.0	0.00	83.60	-	-	0.00	0.00	-	0.00
	37	4,327	4,327	<b>12.01</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
	38	3,961	3,962	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
	39	3,587	3,588	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
	40	3,512	3,512	<b>14.80</b>	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00
	41	2,646	2,647	<b>18.39</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
	42	3,021	3,022	<b>16.75</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
	43	2,865	2,865	<b>17.42</b>	105.0	0.00	80.14	-	-	0.00	0.00	-	0.00
	44	2,744	2,744	<b>17.95</b>	105.0	0.00	79.77	-	-	0.00	0.00	-	0.00
	45	2,286	2,286	<b>20.26</b>	105.0	0.00	78.18	-	-	0.00	0.00	-	0.00
	46	2,020	2,021	<b>21.89</b>	105.0	0.00	77.11	-	-	0.00	0.00	-	0.00
	47	2,710	2,710	<b>18.11</b>	105.0	0.00	79.66	-	-	0.00	0.00	-	0.00
	48	2,930	2,930	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
	49	3,245	3,246	<b>15.83</b>	105.0	0.00	81.23	-	-	0.00	0.00	-	0.00
	50	2,297	2,297	<b>20.19</b>	105.0	0.00	78.22	-	-	0.00	0.00	-	0.00
	51	2,654	2,655	<b>18.36</b>	105.0	0.00	79.48	-	-	0.00	0.00	-	0.00
	52	3,001	3,002	<b>16.83</b>	105.0	0.00	80.55	-	-	0.00	0.00	-	0.00
	53	3,841	3,842	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
	54	4,869	4,869	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
	55	4,023	4,024	<b>12.99</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
	56	3,616	3,617	<b>14.41</b>	105.0	0.00	82.17	-	-	0.00	0.00	-	0.00
	57	3,247	3,248	<b>15.82</b>	105.0	0.00	81.23	-	-	0.00	0.00	-	0.00
	58	2,735	2,736	<b>17.99</b>	105.0	0.00	79.74	-	-	0.00	0.00	-	0.00
	59	1,260	1,262	<b>27.80</b>	105.0	0.00	73.02	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	1,047	1,050	<b>29.98</b>	105.0	0.00	71.42	-	-	0.00	0.00	-	0.00
61	1,224	1,226	<b>28.15</b>	105.0	0.00	72.77	-	-	0.00	0.00	-	0.00
62	558	564	<b>36.97</b>	105.0	0.00	66.02	-	-	0.00	0.00	-	0.00
63	480	486	<b>38.55</b>	105.0	0.00	64.73	-	-	0.00	0.00	-	0.00
64	1,260	1,262	<b>27.80</b>	105.0	0.00	73.02	-	-	0.00	0.00	-	0.00
65	1,692	1,693	<b>24.17</b>	105.0	0.00	75.57	-	-	0.00	0.00	-	0.00
66	3,644	3,645	<b>14.31</b>	105.0	0.00	82.23	-	-	0.00	0.00	-	0.00
67	1,897	1,900	<b>22.69</b>	105.0	0.00	76.57	-	-	0.00	0.00	-	0.00
68	2,202	2,204	<b>20.75</b>	105.0	0.00	77.86	-	-	0.00	0.00	-	0.00
69	1,542	1,544	<b>25.32</b>	105.0	0.00	74.78	-	-	0.00	0.00	-	0.00
70	1,201	1,204	<b>28.36</b>	105.0	0.00	72.61	-	-	0.00	0.00	-	0.00
71	905	909	<b>31.66</b>	105.0	0.00	70.17	-	-	0.00	0.00	-	0.00
72	1,252	1,254	<b>27.87</b>	105.0	0.00	72.97	-	-	0.00	0.00	-	0.00
73	1,882	1,884	<b>22.80</b>	105.0	0.00	76.50	-	-	0.00	0.00	-	0.00
74	3,487	3,488	<b>14.89</b>	105.0	0.00	81.85	-	-	0.00	0.00	-	0.00
75	3,390	3,391	<b>15.26</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
76	3,263	3,265	<b>15.76</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
77	2,883	2,884	<b>17.33</b>	105.0	0.00	80.20	-	-	0.00	0.00	-	0.00
78	3,730	3,731	<b>14.00</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
79	4,316	4,317	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
80	4,423	4,424	<b>11.70</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
81	5,090	5,090	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
82	5,118	5,119	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
83	5,627	5,627	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
84	6,339	6,339	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
85	6,525	6,525	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
86	6,849	6,849	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
87	6,554	6,554	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
88	5,662	5,663	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
89	6,341	6,341	<b>6.69</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
90	6,263	6,264	<b>6.87</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
91	6,876	6,877	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
92	6,958	6,959	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
93	6,457	6,457	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
94	7,355	7,356	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
95	7,232	7,232	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
96	7,805	7,805	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
97	8,235	8,235	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
98	7,798	7,799	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
99	7,821	7,821	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
100	8,502	8,503	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00

Sum 43.15

- Data undefined due to calculation with octave data

### Noise sensitive area: H253 H253

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,510	8,511	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
2	8,585	8,585	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
3	8,113	8,114	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
4	7,607	7,607	<b>4.13</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
5	7,278	7,279	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
6	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
7	7,125	7,125	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
8	7,055	7,055	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
9	6,452	6,453	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
10	6,452	6,453	<b>6.45</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,583	6,583	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
12	5,671	5,672	<b>8.26</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
13	5,933	5,933	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
14	6,496	6,496	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
15	5,515	5,515	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
16	5,021	5,021	<b>9.96</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
17	5,013	5,013	<b>9.98</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
18	5,021	5,022	<b>9.96</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
19	4,281	4,281	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
20	4,710	4,710	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
21	4,902	4,903	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
22	4,395	4,396	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
23	3,884	3,885	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
24	3,216	3,217	<b>15.95</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
25	2,635	2,635	<b>18.45</b>	105.0	0.00	79.42	-	-	0.00	0.00	-	0.00
26	3,077	3,078	<b>16.51</b>	105.0	0.00	80.76	-	-	0.00	0.00	-	0.00
27	2,889	2,890	<b>17.31</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
28	2,385	2,386	<b>19.69</b>	105.0	0.00	78.55	-	-	0.00	0.00	-	0.00
29	3,358	3,358	<b>15.39</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
30	3,515	3,515	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
31	3,821	3,821	<b>13.69</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
32	2,906	2,906	<b>17.24</b>	105.0	0.00	80.27	-	-	0.00	0.00	-	0.00
33	4,564	4,564	<b>11.28</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
34	4,865	4,865	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
35	3,222	3,223	<b>15.92</b>	105.0	0.00	81.16	-	-	0.00	0.00	-	0.00
36	2,757	2,758	<b>17.89</b>	105.0	0.00	79.81	-	-	0.00	0.00	-	0.00
37	2,968	2,969	<b>16.97</b>	105.0	0.00	80.45	-	-	0.00	0.00	-	0.00
38	2,572	2,573	<b>18.74</b>	105.0	0.00	79.21	-	-	0.00	0.00	-	0.00
39	2,064	2,066	<b>21.60</b>	105.0	0.00	77.30	-	-	0.00	0.00	-	0.00
40	1,949	1,950	<b>22.35</b>	105.0	0.00	76.80	-	-	0.00	0.00	-	0.00
41	1,085	1,088	<b>29.57</b>	105.0	0.00	71.73	-	-	0.00	0.00	-	0.00
42	1,796	1,797	<b>23.41</b>	105.0	0.00	76.09	-	-	0.00	0.00	-	0.00
43	1,968	1,969	<b>22.23</b>	105.0	0.00	76.88	-	-	0.00	0.00	-	0.00
44	1,282	1,284	<b>27.59</b>	105.0	0.00	73.17	-	-	0.00	0.00	-	0.00
45	1,017	1,019	<b>30.34</b>	105.0	0.00	71.16	-	-	0.00	0.00	-	0.00
46	522	527	<b>37.68</b>	105.0	0.00	65.44	-	-	0.00	0.00	-	0.00
47	2,241	2,241	<b>20.52</b>	105.0	0.00	78.01	-	-	0.00	0.00	-	0.00
48	2,672	2,673	<b>18.28</b>	105.0	0.00	79.54	-	-	0.00	0.00	-	0.00
49	3,077	3,078	<b>16.51</b>	105.0	0.00	80.76	-	-	0.00	0.00	-	0.00
50	2,485	2,485	<b>19.16</b>	105.0	0.00	78.91	-	-	0.00	0.00	-	0.00
51	2,835	2,835	<b>17.55</b>	105.0	0.00	80.05	-	-	0.00	0.00	-	0.00
52	3,208	3,208	<b>15.98</b>	105.0	0.00	81.13	-	-	0.00	0.00	-	0.00
53	3,877	3,877	<b>13.49</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
54	5,173	5,173	<b>9.54</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
55	3,007	3,009	<b>16.80</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
56	2,690	2,692	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
57	2,234	2,235	<b>20.56</b>	105.0	0.00	77.99	-	-	0.00	0.00	-	0.00
58	1,745	1,747	<b>23.77</b>	105.0	0.00	75.85	-	-	0.00	0.00	-	0.00
59	481	487	<b>38.53</b>	105.0	0.00	64.75	-	-	0.00	0.00	-	0.00
60	525	531	<b>37.61</b>	105.0	0.00	65.51	-	-	0.00	0.00	-	0.00
61	1,015	1,017	<b>30.36</b>	105.0	0.00	71.15	-	-	0.00	0.00	-	0.00
62	1,014	1,017	<b>30.36</b>	105.0	0.00	71.14	-	-	0.00	0.00	-	0.00
63	1,262	1,264	<b>27.78</b>	105.0	0.00	73.04	-	-	0.00	0.00	-	0.00
64	1,730	1,731	<b>23.88</b>	105.0	0.00	75.77	-	-	0.00	0.00	-	0.00
65	2,020	2,020	<b>21.89</b>	105.0	0.00	77.11	-	-	0.00	0.00	-	0.00
66	3,030	3,031	<b>16.71</b>	105.0	0.00	80.63	-	-	0.00	0.00	-	0.00
67	2,288	2,290	<b>20.24</b>	105.0	0.00	78.20	-	-	0.00	0.00	-	0.00
68	2,598	2,600	<b>18.61</b>	105.0	0.00	79.30	-	-	0.00	0.00	-	0.00
69	2,211	2,212	<b>20.70</b>	105.0	0.00	77.90	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	2,079	2,081	<b>21.51</b>	105.0	0.00	77.36	-	-	0.00	0.00	-	0.00
71	2,177	2,179	<b>20.90</b>	105.0	0.00	77.76	-	-	0.00	0.00	-	0.00
72	2,689	2,690	<b>18.20</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
73	2,788	2,789	<b>17.75</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
74	4,069	4,070	<b>12.84</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
75	4,198	4,199	<b>12.41</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
76	4,208	4,209	<b>12.38</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
77	4,353	4,354	<b>11.92</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
78	4,875	4,875	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
79	5,736	5,737	<b>8.10</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
80	5,992	5,992	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
81	6,638	6,639	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
82	6,680	6,681	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
83	7,193	7,193	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
84	7,911	7,911	<b>3.58</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
85	8,094	8,094	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
86	8,414	8,415	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
87	8,006	8,006	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
88	7,188	7,189	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
89	7,875	7,875	<b>3.65</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
90	7,817	7,817	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
91	8,414	8,415	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
92	8,510	8,511	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
93	8,028	8,028	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
94	8,702	8,702	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
95	8,616	8,617	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
96	9,221	9,222	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
97	9,752	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
98	9,335	9,335	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
99	9,374	9,374	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
100	10,042	10,042	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00

Sum 44.44

- Data undefined due to calculation with octave data

### Noise sensitive area: H254 H254

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,166	9,166	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
2	9,325	9,326	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
3	8,879	8,879	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
4	8,111	8,112	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
5	7,843	7,843	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
6	8,063	8,063	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
7	7,948	7,948	<b>3.52</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
8	7,983	7,983	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
9	7,275	7,276	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
10	7,333	7,333	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
11	7,705	7,705	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
12	6,724	6,724	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
13	7,076	7,076	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
14	7,716	7,716	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
15	6,778	6,778	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
16	6,025	6,025	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
17	6,241	6,242	<b>6.92</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
18	6,334	6,334	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
19	5,498	5,498	<b>8.69</b>	105.0	0.00	85.80	-	-	0.00	0.00	-	0.00
20	6,086	6,086	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	6,290	6,290	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
22	4,933	4,934	<b>10.20</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
23	4,222	4,223	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
24	4,254	4,254	<b>12.24</b>	105.0	0.00	83.58	-	-	0.00	0.00	-	0.00
25	3,768	3,769	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
26	4,296	4,296	<b>12.10</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
27	4,233	4,233	<b>12.30</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
28	3,767	3,767	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
29	4,758	4,759	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
30	4,921	4,921	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
31	5,215	5,215	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
32	4,311	4,311	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
33	5,888	5,888	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
34	6,123	6,123	<b>7.19</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
35	3,347	3,348	<b>15.43</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
36	3,032	3,032	<b>16.70</b>	105.0	0.00	80.64	-	-	0.00	0.00	-	0.00
37	2,826	2,828	<b>17.58</b>	105.0	0.00	80.03	-	-	0.00	0.00	-	0.00
38	2,528	2,529	<b>18.95</b>	105.0	0.00	79.06	-	-	0.00	0.00	-	0.00
39	2,466	2,467	<b>19.25</b>	105.0	0.00	78.84	-	-	0.00	0.00	-	0.00
40	2,862	2,863	<b>17.43</b>	105.0	0.00	80.13	-	-	0.00	0.00	-	0.00
41	2,145	2,147	<b>21.09</b>	105.0	0.00	77.63	-	-	0.00	0.00	-	0.00
42	3,155	3,156	<b>16.19</b>	105.0	0.00	80.98	-	-	0.00	0.00	-	0.00
43	3,374	3,375	<b>15.32</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
44	2,525	2,526	<b>18.96</b>	105.0	0.00	79.05	-	-	0.00	0.00	-	0.00
45	2,403	2,404	<b>19.58</b>	105.0	0.00	78.62	-	-	0.00	0.00	-	0.00
46	1,851	1,852	<b>23.02</b>	105.0	0.00	76.35	-	-	0.00	0.00	-	0.00
47	3,601	3,601	<b>14.47</b>	105.0	0.00	82.13	-	-	0.00	0.00	-	0.00
48	3,994	3,994	<b>13.09</b>	105.0	0.00	83.03	-	-	0.00	0.00	-	0.00
49	4,385	4,386	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
50	3,641	3,641	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
51	4,010	4,011	<b>13.03</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00
52	4,386	4,387	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
53	5,138	5,138	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
54	6,348	6,348	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
55	2,296	2,297	<b>20.19</b>	105.0	0.00	78.23	-	-	0.00	0.00	-	0.00
56	1,872	1,874	<b>22.86</b>	105.0	0.00	76.46	-	-	0.00	0.00	-	0.00
57	1,554	1,556	<b>25.23</b>	105.0	0.00	74.84	-	-	0.00	0.00	-	0.00
58	1,088	1,090	<b>29.54</b>	105.0	0.00	71.75	-	-	0.00	0.00	-	0.00
59	1,018	1,021	<b>30.32</b>	105.0	0.00	71.18	-	-	0.00	0.00	-	0.00
60	1,331	1,333	<b>27.13</b>	105.0	0.00	73.50	-	-	0.00	0.00	-	0.00
61	2,142	2,142	<b>21.12</b>	105.0	0.00	77.62	-	-	0.00	0.00	-	0.00
62	1,471	1,473	<b>25.91</b>	105.0	0.00	74.36	-	-	0.00	0.00	-	0.00
63	1,846	1,848	<b>23.05</b>	105.0	0.00	76.33	-	-	0.00	0.00	-	0.00
64	2,679	2,680	<b>18.24</b>	105.0	0.00	79.56	-	-	0.00	0.00	-	0.00
65	3,077	3,078	<b>16.51</b>	105.0	0.00	80.76	-	-	0.00	0.00	-	0.00
66	1,895	1,897	<b>22.71</b>	105.0	0.00	76.56	-	-	0.00	0.00	-	0.00
67	1,032	1,036	<b>30.14</b>	105.0	0.00	71.31	-	-	0.00	0.00	-	0.00
68	1,290	1,293	<b>27.50</b>	105.0	0.00	73.23	-	-	0.00	0.00	-	0.00
69	1,177	1,179	<b>28.61</b>	105.0	0.00	72.43	-	-	0.00	0.00	-	0.00
70	1,286	1,288	<b>27.55</b>	105.0	0.00	73.20	-	-	0.00	0.00	-	0.00
71	1,704	1,706	<b>24.07</b>	105.0	0.00	75.64	-	-	0.00	0.00	-	0.00
72	2,247	2,248	<b>20.48</b>	105.0	0.00	78.04	-	-	0.00	0.00	-	0.00
73	1,767	1,769	<b>23.61</b>	105.0	0.00	75.95	-	-	0.00	0.00	-	0.00
74	2,734	2,735	<b>17.99</b>	105.0	0.00	79.74	-	-	0.00	0.00	-	0.00
75	2,956	2,958	<b>17.02</b>	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
76	3,048	3,049	<b>16.63</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
77	3,745	3,745	<b>13.95</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00
78	3,826	3,826	<b>13.67</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
79	4,965	4,965	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	5,647	5,648	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
81	6,147	6,148	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
82	6,260	6,260	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
83	7,012	7,012	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
84	7,634	7,634	<b>4.08</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
85	7,865	7,866	<b>3.66</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
86	8,218	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
87	7,228	7,229	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
88	6,600	6,601	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
89	7,300	7,300	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
90	7,322	7,323	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
91	7,843	7,843	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
92	7,997	7,997	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
93	7,665	7,665	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
94	7,754	7,755	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
95	7,721	7,721	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
96	8,364	8,364	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
97	9,098	9,098	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
98	8,746	8,747	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
99	8,853	8,853	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
100	9,455	9,455	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00

Sum 39.65

- Data undefined due to calculation with octave data

## Noise sensitive area: H255 H255

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,962	8,962	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
2	9,152	9,152	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
3	8,717	8,718	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
4	7,861	7,861	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
5	7,614	7,614	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
6	7,899	7,899	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
7	7,814	7,815	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
8	7,894	7,894	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
9	7,147	7,147	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
10	7,228	7,228	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
11	7,713	7,713	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
12	6,702	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
13	7,100	7,100	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
14	7,782	7,782	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
15	6,880	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
16	5,987	5,987	<b>7.50</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
17	6,323	6,323	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
18	6,477	6,477	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
19	5,579	5,579	<b>8.49</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
20	6,294	6,294	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
21	6,515	6,515	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
22	4,727	4,727	<b>10.79</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
23	3,965	3,966	<b>13.19</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
24	4,259	4,260	<b>12.22</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
25	3,832	3,832	<b>13.65</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
26	4,394	4,394	<b>11.80</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
27	4,421	4,421	<b>11.71</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
28	4,001	4,001	<b>13.07</b>	105.0	0.00	83.04	-	-	0.00	0.00	-	0.00
29	5,017	5,017	<b>9.97</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
30	5,220	5,220	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	5,547	5,547	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
32	4,617	4,618	<b>11.12</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
33	6,282	6,283	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
34	6,548	6,548	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
35	3,049	3,050	<b>16.63</b>	105.0	0.00	80.69	-	-	0.00	0.00	-	0.00
36	2,794	2,795	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
37	2,470	2,471	<b>19.23</b>	105.0	0.00	78.86	-	-	0.00	0.00	-	0.00
38	2,217	2,218	<b>20.66</b>	105.0	0.00	77.92	-	-	0.00	0.00	-	0.00
39	2,307	2,309	<b>20.13</b>	105.0	0.00	78.27	-	-	0.00	0.00	-	0.00
40	2,863	2,864	<b>17.42</b>	105.0	0.00	80.14	-	-	0.00	0.00	-	0.00
41	2,258	2,258	<b>20.42</b>	105.0	0.00	78.08	-	-	0.00	0.00	-	0.00
42	3,374	3,374	<b>15.33</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
43	3,672	3,672	<b>14.21</b>	105.0	0.00	82.30	-	-	0.00	0.00	-	0.00
44	2,689	2,689	<b>18.20</b>	105.0	0.00	79.59	-	-	0.00	0.00	-	0.00
45	2,667	2,667	<b>18.30</b>	105.0	0.00	79.52	-	-	0.00	0.00	-	0.00
46	2,100	2,101	<b>21.38</b>	105.0	0.00	77.45	-	-	0.00	0.00	-	0.00
47	3,969	3,969	<b>13.17</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
48	4,386	4,386	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
49	4,786	4,786	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
50	4,087	4,087	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
51	4,454	4,454	<b>11.61</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
52	4,831	4,831	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
53	5,559	5,559	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
54	6,798	6,798	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
55	1,820	1,821	<b>23.23</b>	105.0	0.00	76.21	-	-	0.00	0.00	-	0.00
56	1,388	1,390	<b>26.62</b>	105.0	0.00	73.86	-	-	0.00	0.00	-	0.00
57	1,118	1,121	<b>29.22</b>	105.0	0.00	71.99	-	-	0.00	0.00	-	0.00
58	734	738	<b>34.02</b>	105.0	0.00	68.36	-	-	0.00	0.00	-	0.00
59	1,426	1,427	<b>26.30</b>	105.0	0.00	74.09	-	-	0.00	0.00	-	0.00
60	1,766	1,767	<b>23.62</b>	105.0	0.00	75.95	-	-	0.00	0.00	-	0.00
61	2,575	2,575	<b>18.73</b>	105.0	0.00	79.22	-	-	0.00	0.00	-	0.00
62	1,960	1,961	<b>22.28</b>	105.0	0.00	76.85	-	-	0.00	0.00	-	0.00
63	2,338	2,339	<b>19.95</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
64	3,151	3,152	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
65	3,538	3,538	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
66	1,402	1,404	<b>26.50</b>	105.0	0.00	73.95	-	-	0.00	0.00	-	0.00
67	1,212	1,214	<b>28.26</b>	105.0	0.00	72.69	-	-	0.00	0.00	-	0.00
68	1,370	1,372	<b>26.78</b>	105.0	0.00	73.75	-	-	0.00	0.00	-	0.00
69	1,492	1,494	<b>25.74</b>	105.0	0.00	74.49	-	-	0.00	0.00	-	0.00
70	1,685	1,687	<b>24.21</b>	105.0	0.00	75.54	-	-	0.00	0.00	-	0.00
71	2,150	2,152	<b>21.06</b>	105.0	0.00	77.66	-	-	0.00	0.00	-	0.00
72	2,676	2,677	<b>18.26</b>	105.0	0.00	79.55	-	-	0.00	0.00	-	0.00
73	2,029	2,030	<b>21.83</b>	105.0	0.00	77.15	-	-	0.00	0.00	-	0.00
74	2,690	2,691	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
75	3,008	3,009	<b>16.80</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
76	3,161	3,162	<b>16.17</b>	105.0	0.00	81.00	-	-	0.00	0.00	-	0.00
77	4,092	4,092	<b>12.76</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
78	3,990	3,991	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
79	5,238	5,238	<b>9.37</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
80	6,040	6,041	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
81	6,499	6,500	<b>6.35</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
82	6,630	6,631	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
83	7,432	7,432	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
84	8,030	8,031	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
85	8,272	8,272	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
86	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
87	7,479	7,479	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
88	6,921	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
89	7,620	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	7,666	7,666	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
91	8,161	8,162	<b>3.15</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
92	8,331	8,332	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
93	8,041	8,042	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
94	7,929	7,929	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
95	7,919	7,919	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
96	8,576	8,576	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
97	9,384	9,384	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
98	9,055	9,055	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
99	9,182	9,182	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
100	9,761	9,761	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00

Sum 39.63

- Data undefined due to calculation with octave data

### Noise sensitive area: H257 H257

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,254	7,254	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
2	7,498	7,499	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
3	7,091	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
4	6,089	6,089	<b>7.26</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
5	5,875	5,875	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
6	6,275	6,276	<b>6.84</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
7	6,259	6,259	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
8	6,445	6,445	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
9	5,614	5,614	<b>8.40</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
10	5,751	5,751	<b>8.07</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
11	6,540	6,540	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
12	5,470	5,470	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
13	5,994	5,994	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
14	6,792	6,792	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
15	6,040	6,040	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
16	4,733	4,733	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
17	5,438	5,438	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
18	5,802	5,802	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
19	4,736	4,736	<b>10.77</b>	105.0	0.00	84.51	-	-	0.00	0.00	-	0.00
20	5,880	5,880	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
21	6,157	6,157	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
22	3,074	3,075	<b>16.52</b>	105.0	0.00	80.76	-	-	0.00	0.00	-	0.00
23	2,230	2,232	<b>20.58</b>	105.0	0.00	77.97	-	-	0.00	0.00	-	0.00
24	3,266	3,267	<b>15.75</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
25	3,099	3,099	<b>16.42</b>	105.0	0.00	80.83	-	-	0.00	0.00	-	0.00
26	3,713	3,714	<b>14.07</b>	105.0	0.00	82.40	-	-	0.00	0.00	-	0.00
27	4,073	4,073	<b>12.83</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
28	3,887	3,887	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
29	4,895	4,895	<b>10.31</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
30	5,254	5,255	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
31	5,703	5,703	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
32	4,733	4,733	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
33	6,703	6,703	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
34	7,128	7,128	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
35	1,270	1,273	<b>27.69</b>	105.0	0.00	73.10	-	-	0.00	0.00	-	0.00
36	1,199	1,201	<b>28.39</b>	105.0	0.00	72.59	-	-	0.00	0.00	-	0.00
37	631	636	<b>35.67</b>	105.0	0.00	67.06	-	-	0.00	0.00	-	0.00
38	487	493	<b>38.40</b>	105.0	0.00	64.86	-	-	0.00	0.00	-	0.00
39	1,153	1,155	<b>28.86</b>	105.0	0.00	72.25	-	-	0.00	0.00	-	0.00
40	2,108	2,109	<b>21.33</b>	105.0	0.00	77.48	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	2,120	2,121	<b>21.25</b>	105.0	0.00	77.53	-	-	0.00	0.00	-	0.00
42	3,300	3,301	<b>15.61</b>	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00
43	3,860	3,860	<b>13.55</b>	105.0	0.00	82.73	-	-	0.00	0.00	-	0.00
44	2,576	2,577	<b>18.72</b>	105.0	0.00	79.22	-	-	0.00	0.00	-	0.00
45	2,921	2,921	<b>17.17</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
46	2,487	2,488	<b>19.14</b>	105.0	0.00	78.92	-	-	0.00	0.00	-	0.00
47	4,425	4,425	<b>11.70</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
48	4,915	4,916	<b>10.25</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
49	5,323	5,323	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
50	4,929	4,929	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
51	5,254	5,254	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
52	5,612	5,612	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
53	6,165	6,166	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
54	7,533	7,533	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
55	843	847	<b>32.46</b>	105.0	0.00	69.56	-	-	0.00	0.00	-	0.00
56	935	939	<b>31.28</b>	105.0	0.00	70.46	-	-	0.00	0.00	-	0.00
57	782	787	<b>33.31</b>	105.0	0.00	68.91	-	-	0.00	0.00	-	0.00
58	1,126	1,129	<b>29.13</b>	105.0	0.00	72.05	-	-	0.00	0.00	-	0.00
59	2,564	2,565	<b>18.78</b>	105.0	0.00	79.18	-	-	0.00	0.00	-	0.00
60	2,887	2,888	<b>17.32</b>	105.0	0.00	80.21	-	-	0.00	0.00	-	0.00
61	3,520	3,520	<b>14.77</b>	105.0	0.00	81.93	-	-	0.00	0.00	-	0.00
62	3,295	3,296	<b>15.63</b>	105.0	0.00	81.36	-	-	0.00	0.00	-	0.00
63	3,646	3,646	<b>14.31</b>	105.0	0.00	82.24	-	-	0.00	0.00	-	0.00
64	4,237	4,237	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
65	4,515	4,515	<b>11.42</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
66	1,693	1,695	<b>24.15</b>	105.0	0.00	75.58	-	-	0.00	0.00	-	0.00
67	3,042	3,043	<b>16.65</b>	105.0	0.00	80.67	-	-	0.00	0.00	-	0.00
68	3,151	3,152	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
69	3,330	3,331	<b>15.49</b>	105.0	0.00	81.45	-	-	0.00	0.00	-	0.00
70	3,492	3,493	<b>14.88</b>	105.0	0.00	81.86	-	-	0.00	0.00	-	0.00
71	3,907	3,908	<b>13.38</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
72	4,455	4,456	<b>11.61</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
73	3,867	3,868	<b>13.52</b>	105.0	0.00	82.75	-	-	0.00	0.00	-	0.00
74	4,243	4,244	<b>12.27</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
75	4,678	4,679	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
76	4,895	4,895	<b>10.31</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
77	5,930	5,930	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
78	5,757	5,758	<b>8.05</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
79	7,069	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
80	7,856	7,857	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
81	8,337	8,337	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
82	8,461	8,462	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
83	9,219	9,219	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
84	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
85	10,075	10,076	<b>0.21</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
86	10,428	10,428	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
87	9,295	9,295	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
88	8,761	8,762	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
89	9,461	9,461	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
90	9,506	9,506	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
91	10,002	10,002	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
92	10,172	10,172	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
93	9,869	9,870	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
94	9,678	9,678	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
95	9,693	9,693	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
96	10,360	10,361	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
97	11,215	11,216	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
98	10,894	10,894	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
99	11,023	11,023	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
100	11,599	11,600	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00

Sum 43.14



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H258 H258

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,932	7,933	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
2	8,250	8,250	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
3	7,880	7,880	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
4	6,666	6,667	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
5	6,525	6,525	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
6	7,082	7,082	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
7	7,134	7,134	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
8	7,402	7,402	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
9	6,520	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
10	6,699	6,699	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
11	7,640	7,640	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
12	6,560	6,560	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
13	7,124	7,124	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
14	7,948	7,948	<b>3.52</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
15	7,233	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
16	5,826	5,826	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
17	6,628	6,628	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
18	7,017	7,017	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
19	5,938	5,938	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
20	7,106	7,106	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
21	7,382	7,382	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
22	3,949	3,950	<b>13.24</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
23	3,055	3,056	<b>16.60</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
24	4,462	4,463	<b>11.58</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
25	4,323	4,323	<b>12.02</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
26	4,937	4,937	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
27	5,292	5,292	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
28	5,080	5,080	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
29	6,098	6,099	<b>7.24</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
30	6,440	6,440	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
31	6,871	6,871	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
32	5,899	5,899	<b>7.71</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
33	7,822	7,822	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
34	8,205	8,206	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
35	2,146	2,148	<b>21.09</b>	105.0	0.00	77.64	-	-	0.00	0.00	-	0.00
36	2,297	2,298	<b>20.19</b>	105.0	0.00	78.23	-	-	0.00	0.00	-	0.00
37	1,466	1,469	<b>25.95</b>	105.0	0.00	74.34	-	-	0.00	0.00	-	0.00
38	1,627	1,628	<b>24.66</b>	105.0	0.00	75.24	-	-	0.00	0.00	-	0.00
39	2,377	2,379	<b>19.73</b>	105.0	0.00	78.53	-	-	0.00	0.00	-	0.00
40	3,333	3,333	<b>15.49</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
41	3,266	3,266	<b>15.75</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
42	4,477	4,477	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
43	4,998	4,998	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
44	3,739	3,740	<b>13.97</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
45	4,015	4,015	<b>13.02</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
46	3,520	3,521	<b>14.77</b>	105.0	0.00	81.93	-	-	0.00	0.00	-	0.00
47	5,508	5,508	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
48	5,985	5,985	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
49	6,396	6,396	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
50	5,892	5,892	<b>7.73</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
51	6,238	6,238	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
52	6,608	6,608	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
53	7,227	7,227	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
54	8,563	8,563	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
55	419	427	<b>39.90</b>	105.0	0.00	63.61	-	-	0.00	0.00	-	0.00
56	749	753	<b>33.79</b>	105.0	0.00	68.54	-	-	0.00	0.00	-	0.00
57	1,177	1,179	<b>28.61</b>	105.0	0.00	72.43	-	-	0.00	0.00	-	0.00
58	1,686	1,688	<b>24.20</b>	105.0	0.00	75.55	-	-	0.00	0.00	-	0.00
59	3,316	3,317	<b>15.55</b>	105.0	0.00	81.41	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	3,669	3,669	<b>14.22</b>	105.0	0.00	82.29	-	-	0.00	0.00	-	0.00
61	4,408	4,408	<b>11.75</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
62	3,984	3,985	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
63	4,360	4,361	<b>11.90</b>	105.0	0.00	83.79	-	-	0.00	0.00	-	0.00
64	5,082	5,082	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
65	5,415	5,415	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
66	1,055	1,057	<b>29.90</b>	105.0	0.00	71.48	-	-	0.00	0.00	-	0.00
67	3,097	3,098	<b>16.43</b>	105.0	0.00	80.82	-	-	0.00	0.00	-	0.00
68	3,077	3,078	<b>16.51</b>	105.0	0.00	80.77	-	-	0.00	0.00	-	0.00
69	3,486	3,487	<b>14.90</b>	105.0	0.00	81.85	-	-	0.00	0.00	-	0.00
70	3,750	3,751	<b>13.93</b>	105.0	0.00	82.48	-	-	0.00	0.00	-	0.00
71	4,247	4,247	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
72	4,749	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
73	3,901	3,901	<b>13.41</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
74	3,778	3,779	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
75	4,310	4,311	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
76	4,605	4,605	<b>11.15</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
77	6,006	6,006	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
78	5,490	5,491	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
79	6,956	6,956	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
80	8,016	8,017	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
81	8,381	8,381	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
82	8,552	8,552	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
83	9,453	9,453	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
84	10,001	10,001	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
85	10,262	10,263	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
86	10,631	10,631	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
87	9,084	9,084	<b>1.65</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
88	8,721	8,721	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
89	9,410	9,410	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
90	9,514	9,515	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
91	9,940	9,940	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
92	10,151	10,151	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
93	9,966	9,966	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
94	9,298	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
95	9,362	9,363	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
96	10,047	10,048	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
97	11,060	11,060	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
98	10,799	10,799	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
99	10,979	10,979	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
100	11,492	11,492	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00

Sum 42.04

- Data undefined due to calculation with octave data

### Noise sensitive area: H259 H259

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,138	7,138	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
2	7,475	7,475	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
3	7,120	7,121	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
4	5,854	5,854	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
5	5,728	5,728	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
6	6,332	6,332	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
7	6,414	6,415	<b>6.53</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
8	6,726	6,727	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
9	5,821	5,822	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
10	6,023	6,023	<b>7.42</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
11	7,080	7,080	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00	
12	5,998	5,998	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00	
13	6,604	6,604	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00	
14	7,461	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00	
15	6,823	6,823	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00	
16	5,276	5,276	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00	
17	6,215	6,215	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00	
18	6,680	6,680	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00	
19	5,563	5,563	<b>8.53</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00	
20	6,870	6,870	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00	
21	7,161	7,161	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00	
22	3,270	3,270	<b>15.73</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00	
23	2,380	2,381	<b>19.71</b>	105.0	0.00	78.54	-	-	0.00	0.00	-	0.00	
24	4,095	4,095	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00	
25	4,074	4,074	<b>12.82</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00	
26	4,672	4,672	<b>10.96</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00	
27	5,138	5,139	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00	
28	5,021	5,021	<b>9.96</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00	
29	6,001	6,001	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00	
30	6,391	6,391	<b>6.58</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00	
31	6,859	6,859	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00	
32	5,894	5,895	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00	
33	7,894	7,894	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00	
34	8,335	8,335	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00	
35	1,579	1,581	<b>25.03</b>	105.0	0.00	74.98	-	-	0.00	0.00	-	0.00	
36	1,890	1,891	<b>22.75</b>	105.0	0.00	76.53	-	-	0.00	0.00	-	0.00	
37	1,050	1,053	<b>29.95</b>	105.0	0.00	71.45	-	-	0.00	0.00	-	0.00	
38	1,386	1,388	<b>26.64</b>	105.0	0.00	73.85	-	-	0.00	0.00	-	0.00	
39	2,208	2,209	<b>20.71</b>	105.0	0.00	77.88	-	-	0.00	0.00	-	0.00	
40	3,165	3,165	<b>16.15</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00	
41	3,318	3,318	<b>15.54</b>	105.0	0.00	81.42	-	-	0.00	0.00	-	0.00	
42	4,461	4,461	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00	
43	5,048	5,049	<b>9.88</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00	
44	3,757	3,758	<b>13.91</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00	
45	4,132	4,132	<b>12.63</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00	
46	3,708	3,708	<b>14.08</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00	
47	5,635	5,635	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00	
48	6,127	6,127	<b>7.18</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00	
49	6,533	6,534	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00	
50	6,148	6,149	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00	
51	6,474	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00	
52	6,832	6,833	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00	
53	7,378	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00	
54	8,750	8,750	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00	
55	929	933	<b>31.36</b>	105.0	0.00	70.40	-	-	0.00	0.00	-	0.00	
56	1,368	1,371	<b>26.79</b>	105.0	0.00	73.74	-	-	0.00	0.00	-	0.00	
57	1,636	1,638	<b>24.58</b>	105.0	0.00	75.29	-	-	0.00	0.00	-	0.00	
58	2,139	2,141	<b>21.13</b>	105.0	0.00	77.61	-	-	0.00	0.00	-	0.00	
59	3,722	3,722	<b>14.03</b>	105.0	0.00	82.42	-	-	0.00	0.00	-	0.00	
60	4,059	4,060	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00	
61	4,726	4,726	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00	
62	4,436	4,437	<b>11.66</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00	
63	4,799	4,800	<b>10.58</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00	
64	5,436	5,436	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00	
65	5,726	5,727	<b>8.13</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00	
66	1,875	1,876	<b>22.85</b>	105.0	0.00	76.47	-	-	0.00	0.00	-	0.00	
67	3,816	3,817	<b>13.70</b>	105.0	0.00	82.63	-	-	0.00	0.00	-	0.00	
68	3,834	3,835	<b>13.64</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00	
69	4,178	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00	

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	4,408	4,409	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
71	4,877	4,878	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
72	5,403	5,403	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
73	4,637	4,638	<b>11.06</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
74	4,610	4,610	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
75	5,134	5,135	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
76	5,419	5,420	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
77	6,744	6,744	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
78	6,305	6,305	<b>6.77</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
79	7,746	7,746	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
80	8,735	8,735	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
81	9,136	9,136	<b>1.57</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
82	9,294	9,294	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
83	10,149	10,149	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
84	10,724	10,724	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
85	10,976	10,977	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
86	11,340	11,340	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
87	9,896	9,896	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
88	9,498	9,499	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
89	10,191	10,191	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
90	10,281	10,281	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
91	10,724	10,725	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
92	10,926	10,926	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
93	10,708	10,709	<b>-0.64</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
94	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
95	10,190	10,190	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
96	10,874	10,874	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
97	11,865	11,865	<b>-2.04</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
98	11,591	11,592	<b>-1.73</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
99	11,760	11,761	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
100	12,288	12,288	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00

Sum 37.26

- Data undefined due to calculation with octave data

### Noise sensitive area: H260 H260

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,967	6,968	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
2	7,324	7,324	<b>4.67</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
3	6,982	6,983	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
4	5,663	5,663	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
5	5,558	5,558	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
6	6,204	6,204	<b>7.00</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
7	6,309	6,310	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
8	6,651	6,651	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
9	5,733	5,733	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
10	5,949	5,949	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
11	7,070	7,070	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
12	5,990	5,991	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
13	6,615	6,615	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
14	7,485	7,485	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
15	6,883	6,883	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
16	5,277	5,277	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
17	6,276	6,276	<b>6.84</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
18	6,770	6,770	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
19	5,643	5,644	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
20	6,998	6,998	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	7,294	7,294	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
22	3,209	3,210	<b>15.97</b>	105.0	0.00	81.13	-	-	0.00	0.00	-	0.00
23	2,336	2,337	<b>19.96</b>	105.0	0.00	78.37	-	-	0.00	0.00	-	0.00
24	4,188	4,188	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
25	4,212	4,212	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
26	4,799	4,799	<b>10.58</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
27	5,301	5,301	<b>9.20</b>	105.0	0.00	85.49	-	-	0.00	0.00	-	0.00
28	5,213	5,213	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
29	6,177	6,177	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
30	6,581	6,581	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
31	7,057	7,057	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
32	6,098	6,098	<b>7.24</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
33	8,113	8,113	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
34	8,567	8,567	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
35	1,630	1,631	<b>24.63</b>	105.0	0.00	75.25	-	-	0.00	0.00	-	0.00
36	2,006	2,007	<b>21.98</b>	105.0	0.00	77.05	-	-	0.00	0.00	-	0.00
37	1,213	1,215	<b>28.25</b>	105.0	0.00	72.69	-	-	0.00	0.00	-	0.00
38	1,586	1,588	<b>24.97</b>	105.0	0.00	75.02	-	-	0.00	0.00	-	0.00
39	2,399	2,400	<b>19.60</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
40	3,339	3,339	<b>15.46</b>	105.0	0.00	81.47	-	-	0.00	0.00	-	0.00
41	3,551	3,551	<b>14.66</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
42	4,668	4,668	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
43	5,270	5,270	<b>9.29</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
44	3,978	3,979	<b>13.14</b>	105.0	0.00	82.99	-	-	0.00	0.00	-	0.00
45	4,374	4,374	<b>11.86</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
46	3,966	3,967	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
47	5,872	5,873	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
48	6,367	6,367	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
49	6,771	6,771	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
50	6,412	6,413	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
51	6,733	6,733	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
52	7,089	7,089	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
53	7,617	7,617	<b>4.12</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
54	8,995	8,995	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
55	1,235	1,237	<b>28.04</b>	105.0	0.00	72.85	-	-	0.00	0.00	-	0.00
56	1,674	1,676	<b>24.29</b>	105.0	0.00	75.49	-	-	0.00	0.00	-	0.00
57	1,943	1,945	<b>22.39</b>	105.0	0.00	76.78	-	-	0.00	0.00	-	0.00
58	2,443	2,444	<b>19.36</b>	105.0	0.00	78.76	-	-	0.00	0.00	-	0.00
59	4,015	4,016	<b>13.02</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
60	4,350	4,350	<b>11.93</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
61	5,004	5,004	<b>10.01</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
62	4,733	4,734	<b>10.77</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
63	5,095	5,095	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
64	5,718	5,718	<b>8.15</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
65	6,001	6,001	<b>7.47</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
66	2,152	2,153	<b>21.06</b>	105.0	0.00	77.66	-	-	0.00	0.00	-	0.00
67	4,121	4,122	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
68	4,134	4,135	<b>12.62</b>	105.0	0.00	83.33	-	-	0.00	0.00	-	0.00
69	4,485	4,486	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
70	4,716	4,717	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
71	5,186	5,187	<b>9.51</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
72	5,712	5,712	<b>8.16</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
73	4,941	4,941	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
74	4,876	4,877	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
75	5,409	5,410	<b>8.92</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
76	5,701	5,702	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
77	7,048	7,048	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
78	6,587	6,588	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
79	8,039	8,040	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	9,041	9,041	<b>1.71</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
81	9,438	9,438	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
82	9,598	9,598	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
83	10,457	10,457	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
84	11,030	11,031	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
85	11,283	11,283	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
86	11,647	11,647	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
87	10,180	10,180	<b>0.06</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
88	9,796	9,796	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
89	10,487	10,488	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
90	10,581	10,581	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
91	11,020	11,020	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
92	11,224	11,224	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
93	11,012	11,013	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
94	10,395	10,395	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
95	10,462	10,462	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
96	11,147	11,147	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
97	12,153	12,153	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
98	11,884	11,884	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
99	12,057	12,057	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
100	12,580	12,580	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00

Sum 35.48

- Data undefined due to calculation with octave data

## Noise sensitive area: H261 H261

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,339	8,340	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
2	8,761	8,761	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
3	8,465	8,466	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
4	6,975	6,975	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
5	6,950	6,950	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
6	7,724	7,724	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
7	7,886	7,886	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
8	8,285	8,285	<b>2.94</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
9	7,348	7,349	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
10	7,590	7,590	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
11	8,789	8,789	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
12	7,713	7,713	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
13	8,349	8,349	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
14	9,224	9,224	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
15	8,624	8,624	<b>2.37</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
16	7,007	7,007	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
17	8,017	8,017	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
18	8,498	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
19	7,377	7,377	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
20	8,687	8,688	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
21	8,977	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
22	4,894	4,894	<b>10.31</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
23	4,047	4,048	<b>12.91</b>	105.0	0.00	83.14	-	-	0.00	0.00	-	0.00
24	5,913	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
25	5,890	5,890	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
26	6,490	6,491	<b>6.37</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
27	6,935	6,935	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
28	6,778	6,779	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
29	7,779	7,779	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
30	8,147	8,147	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	8,596	8,596	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
32	7,625	7,625	<b>4.10</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
33	9,576	9,576	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
34	9,970	9,970	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
35	3,369	3,370	<b>15.34</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
36	3,710	3,711	<b>14.07</b>	105.0	0.00	82.39	-	-	0.00	0.00	-	0.00
37	2,868	2,869	<b>17.40</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
38	3,175	3,176	<b>16.11</b>	105.0	0.00	81.04	-	-	0.00	0.00	-	0.00
39	3,991	3,992	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
40	4,957	4,958	<b>10.14</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
41	5,001	5,002	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
42	6,194	6,194	<b>7.03</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
43	6,741	6,741	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
44	5,466	5,466	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
45	5,772	5,772	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
46	5,286	5,287	<b>9.24</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
47	7,270	7,270	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
48	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
49	8,161	8,161	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
50	7,657	7,657	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
51	8,004	8,004	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
52	8,375	8,375	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
53	8,993	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
54	10,331	10,331	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
55	2,181	2,182	<b>20.88</b>	105.0	0.00	77.78	-	-	0.00	0.00	-	0.00
56	2,486	2,488	<b>19.15</b>	105.0	0.00	78.92	-	-	0.00	0.00	-	0.00
57	2,938	2,939	<b>17.09</b>	105.0	0.00	80.36	-	-	0.00	0.00	-	0.00
58	3,436	3,437	<b>15.09</b>	105.0	0.00	81.72	-	-	0.00	0.00	-	0.00
59	5,055	5,055	<b>9.86</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
60	5,409	5,410	<b>8.92</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
61	6,165	6,165	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
62	5,692	5,693	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
63	6,071	6,072	<b>7.31</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
64	6,826	6,826	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
65	7,171	7,171	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
66	2,407	2,408	<b>19.56</b>	105.0	0.00	78.63	-	-	0.00	0.00	-	0.00
67	4,512	4,513	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
68	4,396	4,397	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
69	4,939	4,940	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
70	5,254	5,254	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
71	5,777	5,778	<b>8.00</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
72	6,229	6,229	<b>6.95</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
73	5,231	5,232	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
74	4,600	4,601	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
75	5,198	5,199	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
76	5,560	5,560	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
77	7,263	7,263	<b>4.78</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
78	6,412	6,412	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
79	7,986	7,986	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
80	9,295	9,295	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
81	9,539	9,539	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
82	9,753	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
83	10,774	10,774	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
84	11,242	11,242	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
85	11,529	11,529	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
86	11,908	11,908	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
87	9,937	9,938	<b>0.40</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
88	9,781	9,782	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
89	10,445	10,445	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	10,613	10,613	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
91	10,953	10,953	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
92	11,205	11,205	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
93	11,147	11,148	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
94	9,924	9,925	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
95	10,055	10,055	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
96	10,748	10,748	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
97	11,943	11,944	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
98	11,758	11,758	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
99	11,994	11,995	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
100	12,426	12,427	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00

Sum 29.55

- Data undefined due to calculation with octave data

## Noise sensitive area: H262 H262

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,176	7,176	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
2	7,631	7,631	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
3	7,367	7,368	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
4	5,795	5,795	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
5	5,811	5,811	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
6	6,661	6,661	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
7	6,873	6,873	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
8	7,335	7,335	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
9	6,386	6,386	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
10	6,658	6,658	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
11	8,005	8,005	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
12	6,953	6,953	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
13	7,631	7,631	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
14	8,532	8,532	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
15	8,050	8,050	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
16	6,287	6,287	<b>6.82</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
17	7,452	7,452	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
18	8,021	8,021	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
19	6,880	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
20	8,338	8,338	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
21	8,642	8,642	<b>2.34</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
22	4,095	4,096	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
23	3,351	3,352	<b>15.41</b>	105.0	0.00	81.51	-	-	0.00	0.00	-	0.00
24	5,478	5,478	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
25	5,595	5,595	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
26	6,156	6,156	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
27	6,720	6,720	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
28	6,676	6,677	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
29	7,614	7,614	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
30	8,037	8,037	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
31	8,524	8,524	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
32	7,574	7,574	<b>4.20</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
33	9,602	9,602	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
34	10,068	10,068	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
35	2,941	2,942	<b>17.08</b>	105.0	0.00	80.37	-	-	0.00	0.00	-	0.00
36	3,401	3,401	<b>15.22</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
37	2,690	2,691	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
38	3,081	3,081	<b>16.50</b>	105.0	0.00	80.77	-	-	0.00	0.00	-	0.00
39	3,878	3,878	<b>13.49</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
40	4,790	4,790	<b>10.61</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,055	5,055	<b>9.87</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
42	6,151	6,151	<b>7.12</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
43	6,765	6,765	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
44	5,475	5,475	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
45	5,880	5,881	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
46	5,474	5,474	<b>8.76</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
47	7,377	7,377	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
48	7,873	7,873	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
49	8,275	8,276	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
50	7,918	7,918	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
51	8,240	8,240	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
52	8,597	8,597	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
53	9,121	9,121	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
54	10,502	10,502	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
55	2,566	2,568	<b>18.77</b>	105.0	0.00	79.19	-	-	0.00	0.00	-	0.00
56	2,984	2,985	<b>16.90</b>	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00
57	3,347	3,347	<b>15.43</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
58	3,864	3,864	<b>13.54</b>	105.0	0.00	82.74	-	-	0.00	0.00	-	0.00
59	5,476	5,476	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
60	5,818	5,818	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
61	6,497	6,497	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
62	6,178	6,178	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
63	6,547	6,547	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
64	7,204	7,204	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
65	7,498	7,498	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
66	3,207	3,208	<b>15.98</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
67	5,328	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
68	5,274	5,275	<b>9.27</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
69	5,729	5,729	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
70	6,002	6,003	<b>7.47</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
71	6,501	6,502	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
72	7,000	7,000	<b>5.30</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
73	6,110	6,111	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
74	5,710	5,710	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
75	6,293	6,293	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
76	6,633	6,633	<b>6.06</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
77	8,200	8,200	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
78	7,506	7,506	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
79	9,044	9,044	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
80	10,224	10,225	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
81	10,540	10,541	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
82	10,731	10,731	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
83	11,678	11,678	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
84	12,199	12,199	<b>-2.42</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
85	12,470	12,470	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
86	12,843	12,843	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
87	11,073	11,074	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
88	10,832	10,833	<b>-0.80</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
89	11,509	11,510	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
90	11,648	11,648	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
91	12,029	12,029	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
92	12,263	12,263	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
93	12,139	12,140	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
94	11,128	11,129	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
95	11,242	11,242	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
96	11,935	11,935	<b>-2.12</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
97	13,074	13,074	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
98	12,858	12,859	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
99	13,071	13,071	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
100	13,538	13,538	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 28.90

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H278 H278

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,651	6,651	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
	2	7,115	7,115	<b>5.07</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
	3	6,863	6,863	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
	4	5,267	5,267	<b>9.29</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
	5	5,295	5,296	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
	6	6,171	6,171	<b>7.08</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
	7	6,401	6,401	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
	8	6,886	6,886	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
	9	5,936	5,936	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
	10	6,219	6,219	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
	11	7,619	7,619	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
	12	6,583	6,583	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
	13	7,275	7,275	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
	14	8,182	8,182	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
	15	7,751	7,751	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
	16	5,938	5,938	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
	17	7,161	7,161	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
	18	7,764	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
	19	6,622	6,622	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
	20	8,131	8,131	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	21	8,441	8,441	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	22	3,737	3,738	<b>13.98</b>	105.0	0.00	82.45	-	-	0.00	0.00	-	0.00
	23	3,060	3,061	<b>16.58</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
	24	5,262	5,263	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
	25	5,439	5,439	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
	26	5,975	5,975	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
	27	6,585	6,585	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
	28	6,590	6,590	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
	29	7,492	7,492	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
	30	7,934	7,934	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
	31	8,435	8,435	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
	32	7,500	7,500	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
	33	9,548	9,548	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
	34	10,041	10,041	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
	35	2,798	2,799	<b>17.71</b>	105.0	0.00	79.94	-	-	0.00	0.00	-	0.00
	36	3,293	3,293	<b>15.64</b>	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
	37	2,680	2,681	<b>18.24</b>	105.0	0.00	79.57	-	-	0.00	0.00	-	0.00
	38	3,084	3,085	<b>16.48</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
	39	3,840	3,840	<b>13.62</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
	40	4,704	4,704	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
	41	5,058	5,059	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
	42	6,096	6,096	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
	43	6,730	6,731	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
	44	5,452	5,452	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
	45	5,894	5,894	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
	46	5,526	5,527	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
	47	7,372	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
	48	7,870	7,870	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
	49	8,267	8,267	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
	50	7,974	7,974	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
	51	8,283	8,283	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
	52	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
	53	9,113	9,113	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
	54	10,505	10,505	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
	55	2,796	2,797	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
	56	3,231	3,232	<b>15.89</b>	105.0	0.00	81.19	-	-	0.00	0.00	-	0.00
	57	3,544	3,545	<b>14.68</b>	105.0	0.00	81.99	-	-	0.00	0.00	-	0.00
	58	4,051	4,051	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
	59	5,625	5,626	<b>8.37</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	5,958	5,958	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
61	6,596	6,596	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
62	6,344	6,345	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
63	6,705	6,706	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
64	7,315	7,315	<b>4.68</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
65	7,585	7,585	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
66	3,554	3,554	<b>14.65</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
67	5,640	5,640	<b>8.34</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
68	5,612	5,612	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
69	6,026	6,026	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
70	6,279	6,280	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
71	6,764	6,764	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
72	7,278	7,279	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
73	6,441	6,441	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
74	6,141	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
75	6,715	6,715	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
76	7,043	7,044	<b>5.22</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
77	8,543	8,543	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
78	7,923	7,923	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
79	9,440	9,440	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
80	10,558	10,558	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
81	10,906	10,906	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
82	11,085	11,085	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
83	11,995	11,995	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
84	12,540	12,540	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
85	12,804	12,804	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
86	13,173	13,173	<b>-3.47</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
87	11,504	11,504	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
88	11,221	11,221	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
89	11,903	11,903	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
90	12,027	12,027	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
91	12,427	12,427	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
92	12,652	12,652	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
93	12,497	12,497	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
94	11,595	11,596	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
95	11,699	11,700	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
96	12,391	12,391	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
97	13,499	13,499	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
98	13,268	13,269	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
99	13,469	13,469	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
100	13,953	13,953	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00

Sum 28.85

- Data undefined due to calculation with octave data

### Noise sensitive area: H279 H279

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,565	5,565	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
2	6,011	6,012	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
3	5,747	5,747	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
4	4,192	4,192	<b>12.44</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
5	4,192	4,193	<b>12.44</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
6	5,046	5,046	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
7	5,274	5,274	<b>9.27</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
8	5,765	5,765	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
9	4,815	4,815	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
10	5,103	5,103	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,543	6,543	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
12	5,526	5,527	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
13	6,231	6,231	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
14	7,142	7,142	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
15	6,777	6,777	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
16	4,910	4,910	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
17	6,202	6,202	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
18	6,849	6,849	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
19	5,716	5,716	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
20	7,293	7,293	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
21	7,607	7,607	<b>4.13</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
22	2,722	2,723	<b>18.05</b>	105.0	0.00	79.70	-	-	0.00	0.00	-	0.00
23	2,182	2,183	<b>20.87</b>	105.0	0.00	77.78	-	-	0.00	0.00	-	0.00
24	4,445	4,445	<b>11.64</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
25	4,723	4,724	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
26	5,205	5,205	<b>9.46</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00
27	5,884	5,884	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
28	5,978	5,978	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
29	6,802	6,802	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
30	7,274	7,274	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
31	7,792	7,793	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
32	6,898	6,898	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
33	8,959	8,959	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
34	9,500	9,500	<b>1.02</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
35	2,243	2,245	<b>20.50</b>	105.0	0.00	78.02	-	-	0.00	0.00	-	0.00
36	2,762	2,763	<b>17.87</b>	105.0	0.00	79.83	-	-	0.00	0.00	-	0.00
37	2,418	2,419	<b>19.50</b>	105.0	0.00	78.67	-	-	0.00	0.00	-	0.00
38	2,804	2,805	<b>17.68</b>	105.0	0.00	79.96	-	-	0.00	0.00	-	0.00
39	3,414	3,415	<b>15.17</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
40	4,141	4,141	<b>12.60</b>	105.0	0.00	83.34	-	-	0.00	0.00	-	0.00
41	4,660	4,660	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
42	5,553	5,553	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
43	6,215	6,215	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
44	4,988	4,988	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
45	5,489	5,489	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
46	5,211	5,212	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
47	6,903	6,903	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
48	7,398	7,398	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
49	7,777	7,777	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
50	7,615	7,615	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
51	7,894	7,894	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
52	8,220	8,220	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
53	8,613	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
54	10,015	10,015	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
55	3,010	3,011	<b>16.79</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
56	3,441	3,442	<b>15.07</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
57	3,627	3,628	<b>14.38</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
58	4,079	4,079	<b>12.81</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
59	5,509	5,509	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
60	5,811	5,811	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
61	6,349	6,349	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
62	6,246	6,247	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
63	6,582	6,582	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
64	7,080	7,080	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
65	7,296	7,296	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
66	3,956	3,957	<b>13.22</b>	105.0	0.00	82.95	-	-	0.00	0.00	-	0.00
67	5,883	5,884	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
68	5,918	5,918	<b>7.66</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
69	6,225	6,226	<b>6.95</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,428	6,428	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
71	6,868	6,868	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
72	7,409	7,410	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
73	6,710	6,710	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
74	6,674	6,675	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
75	7,213	7,213	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
76	7,506	7,507	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
77	8,812	8,812	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
78	8,392	8,392	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
79	9,837	9,837	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
80	10,783	10,784	<b>-0.73</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
81	11,211	11,212	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
82	11,360	11,360	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
83	12,173	12,173	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
84	12,774	12,774	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
85	13,017	13,017	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
86	13,375	13,375	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
87	11,984	11,985	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
88	11,585	11,586	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
89	12,279	12,279	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
90	12,363	12,363	<b>-2.61</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
91	12,814	12,814	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
92	13,011	13,012	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
93	12,774	12,774	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
94	12,189	12,190	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
95	12,261	12,262	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
96	12,948	12,948	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
97	13,956	13,956	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
98	13,682	13,683	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
99	13,848	13,849	<b>-4.14</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
100	14,379	14,379	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 30.34

- Data undefined due to calculation with octave data

### Noise sensitive area: H280 H280

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,542	5,542	<b>8.58</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
2	5,979	5,979	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
3	5,707	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
4	4,173	4,174	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
5	4,162	4,162	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
6	4,998	4,998	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
7	5,217	5,217	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
8	5,699	5,699	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
9	4,748	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
10	5,033	5,033	<b>9.93</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
11	6,459	6,459	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
12	5,437	5,438	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
13	6,140	6,140	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
14	7,050	7,050	<b>5.20</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
15	6,677	6,677	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
16	4,816	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
17	6,100	6,100	<b>7.24</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
18	6,744	6,744	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
19	5,609	5,610	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
20	7,184	7,184	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
21	7,498	7,498	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00	
22	2,624	2,625	<b>18.50</b>	105.0	0.00	79.38	-	-	0.00	0.00	-	0.00	
23	2,071	2,073	<b>21.55</b>	105.0	0.00	77.33	-	-	0.00	0.00	-	0.00	
24	4,334	4,334	<b>11.98</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00	
25	4,610	4,610	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00	
26	5,093	5,093	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00	
27	5,770	5,771	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00	
28	5,864	5,864	<b>7.79</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00	
29	6,689	6,689	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00	
30	7,161	7,161	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00	
31	7,679	7,679	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00	
32	6,784	6,784	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00	
33	8,846	8,846	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00	
34	9,387	9,387	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00	
35	2,132	2,134	<b>21.17</b>	105.0	0.00	77.58	-	-	0.00	0.00	-	0.00	
36	2,651	2,652	<b>18.37</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00	
37	2,320	2,321	<b>20.06</b>	105.0	0.00	78.31	-	-	0.00	0.00	-	0.00	
38	2,702	2,703	<b>18.14</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00	
39	3,305	3,306	<b>15.59</b>	105.0	0.00	81.39	-	-	0.00	0.00	-	0.00	
40	4,028	4,029	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00	
41	4,550	4,551	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00	
42	5,440	5,440	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00	
43	6,102	6,102	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00	
44	4,876	4,877	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00	
45	5,379	5,379	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00	
46	5,104	5,105	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00	
47	6,791	6,791	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00	
48	7,285	7,286	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00	
49	7,664	7,665	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00	
50	7,505	7,505	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00	
51	7,783	7,784	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00	
52	8,109	8,109	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00	
53	8,501	8,501	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00	
54	9,903	9,903	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00	
55	2,941	2,942	<b>17.08</b>	105.0	0.00	80.37	-	-	0.00	0.00	-	0.00	
56	3,369	3,370	<b>15.34</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00	
57	3,544	3,545	<b>14.68</b>	105.0	0.00	81.99	-	-	0.00	0.00	-	0.00	
58	3,991	3,992	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00	
59	5,411	5,411	<b>8.92</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00	
60	5,711	5,711	<b>8.16</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00	
61	6,244	6,244	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00	
62	6,148	6,148	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00	
63	6,482	6,482	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00	
64	6,975	6,975	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00	
65	7,189	7,189	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00	
66	3,898	3,899	<b>13.42</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00	
67	5,807	5,808	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00	
68	5,846	5,847	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00	
69	6,146	6,146	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00	
70	6,344	6,344	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00	
71	6,781	6,781	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00	
72	7,324	7,324	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00	
73	6,635	6,635	<b>6.06</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00	
74	6,622	6,623	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00	
75	7,157	7,157	<b>4.99</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00	
76	7,446	7,447	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00	
77	8,735	8,735	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00	
78	8,332	8,332	<b>2.86</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00	
79	9,770	9,770	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,702	10,702	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
81	11,136	11,136	<b>-1.18</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
82	11,282	11,282	<b>-1.35</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
83	12,088	12,088	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
84	12,693	12,693	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
85	12,934	12,934	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
86	13,291	13,291	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
87	11,924	11,924	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
88	11,514	11,515	<b>-1.63</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
89	12,209	12,209	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
90	12,289	12,289	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
91	12,744	12,744	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
92	12,940	12,940	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
93	12,696	12,696	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
94	12,140	12,140	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
95	12,208	12,209	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
96	12,894	12,894	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
97	13,892	13,892	<b>-4.19</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
98	13,615	13,615	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
99	13,778	13,778	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
100	14,313	14,313	<b>-4.59</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00

Sum 30.75

- Data undefined due to calculation with octave data

### Noise sensitive area: H281 H281

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,203	6,203	<b>7.00</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
2	6,556	6,557	<b>6.22</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
3	6,215	6,215	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
4	4,907	4,908	<b>10.28</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
5	4,793	4,793	<b>10.60</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
6	5,439	5,439	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
7	5,552	5,552	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
8	5,910	5,911	<b>7.68</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
9	4,985	4,985	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
10	5,211	5,211	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
11	6,394	6,394	<b>6.58</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
12	5,321	5,321	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
13	5,969	5,969	<b>7.54</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
14	6,854	6,854	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
15	6,314	6,314	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
16	4,623	4,623	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
17	5,712	5,712	<b>8.16</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
18	6,259	6,259	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
19	5,119	5,120	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
20	6,566	6,566	<b>6.21</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
21	6,871	6,871	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
22	2,495	2,496	<b>19.11</b>	105.0	0.00	78.95	-	-	0.00	0.00	-	0.00
23	1,656	1,658	<b>24.43</b>	105.0	0.00	75.39	-	-	0.00	0.00	-	0.00
24	3,707	3,707	<b>14.09</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
25	3,834	3,834	<b>13.64</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
26	4,387	4,387	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
27	4,971	4,971	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
28	4,967	4,967	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
29	5,875	5,875	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
30	6,313	6,313	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	6,812	6,812	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
32	5,877	5,878	<b>7.76</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
33	7,927	7,927	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
34	8,428	8,428	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
35	1,181	1,183	<b>28.57</b>	105.0	0.00	72.46	-	-	0.00	0.00	-	0.00
36	1,670	1,671	<b>24.33</b>	105.0	0.00	75.46	-	-	0.00	0.00	-	0.00
37	1,138	1,141	<b>29.01</b>	105.0	0.00	72.14	-	-	0.00	0.00	-	0.00
38	1,538	1,539	<b>25.36</b>	105.0	0.00	74.75	-	-	0.00	0.00	-	0.00
39	2,237	2,239	<b>20.54</b>	105.0	0.00	78.00	-	-	0.00	0.00	-	0.00
40	3,081	3,082	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
41	3,474	3,475	<b>14.94</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
42	4,477	4,478	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
43	5,118	5,118	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
44	3,848	3,848	<b>13.59</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
45	4,311	4,311	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
46	3,983	3,984	<b>13.13</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
47	5,772	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
48	6,270	6,270	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
49	6,663	6,663	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
50	6,417	6,417	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
51	6,714	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
52	7,053	7,053	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
53	7,507	7,507	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
54	8,904	8,904	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
55	1,787	1,789	<b>23.46</b>	105.0	0.00	76.05	-	-	0.00	0.00	-	0.00
56	2,197	2,199	<b>20.78</b>	105.0	0.00	77.84	-	-	0.00	0.00	-	0.00
57	2,338	2,340	<b>19.95</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
58	2,779	2,780	<b>17.79</b>	105.0	0.00	79.88	-	-	0.00	0.00	-	0.00
59	4,218	4,219	<b>12.35</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
60	4,527	4,528	<b>11.39</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
61	5,097	5,097	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
62	4,954	4,955	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
63	5,295	5,295	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
64	5,826	5,826	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
65	6,064	6,064	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
66	2,795	2,796	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
67	4,614	4,615	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
68	4,669	4,669	<b>10.96</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
69	4,943	4,943	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
70	5,134	5,135	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
71	5,569	5,569	<b>8.52</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
72	6,112	6,112	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
73	5,443	5,443	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
74	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
75	6,044	6,045	<b>7.37</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
76	6,315	6,315	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
77	7,537	7,537	<b>4.26</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
78	7,197	7,198	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
79	8,602	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
80	9,496	9,496	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
81	9,941	9,942	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
82	10,082	10,082	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
83	10,877	10,877	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
84	11,486	11,486	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
85	11,725	11,725	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
86	12,081	12,081	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
87	10,780	10,781	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
88	10,333	10,333	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
89	11,029	11,030	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,099	11,099	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
91	11,567	11,567	<b>-1.70</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
92	11,755	11,755	<b>-1.92</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
93	11,494	11,495	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
94	11,051	11,052	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
95	11,102	11,103	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
96	11,783	11,783	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
97	12,736	12,736	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
98	12,445	12,445	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
99	12,597	12,598	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
100	13,145	13,145	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00

Sum 35.78

- Data undefined due to calculation with octave data

### Noise sensitive area: H282 H282

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,467	5,468	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
2	5,820	5,820	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
3	5,481	5,482	<b>8.74</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
4	4,180	4,180	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
5	4,057	4,058	<b>12.88</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
6	4,709	4,709	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
7	4,836	4,836	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
8	5,219	5,219	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
9	4,284	4,284	<b>12.14</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
10	4,524	4,524	<b>11.40</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
11	5,785	5,786	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
12	4,727	4,727	<b>10.79</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
13	5,400	5,400	<b>8.95</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
14	6,300	6,300	<b>6.79</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
15	5,836	5,837	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
16	4,055	4,055	<b>12.89</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
17	5,245	5,245	<b>9.35</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
18	5,849	5,849	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
19	4,708	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
20	6,241	6,242	<b>6.92</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
21	6,553	6,553	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
22	1,869	1,871	<b>22.89</b>	105.0	0.00	76.44	-	-	0.00	0.00	-	0.00
23	1,144	1,147	<b>28.94</b>	105.0	0.00	72.19	-	-	0.00	0.00	-	0.00
24	3,377	3,377	<b>15.31</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
25	3,622	3,622	<b>14.40</b>	105.0	0.00	82.18	-	-	0.00	0.00	-	0.00
26	4,119	4,120	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
27	4,782	4,782	<b>10.63</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
28	4,867	4,868	<b>10.39</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
29	5,699	5,699	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
30	6,168	6,168	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
31	6,684	6,685	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
32	5,787	5,787	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
33	7,849	7,849	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
34	8,391	8,391	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
35	1,168	1,171	<b>28.70</b>	105.0	0.00	72.37	-	-	0.00	0.00	-	0.00
36	1,679	1,680	<b>24.26</b>	105.0	0.00	75.51	-	-	0.00	0.00	-	0.00
37	1,518	1,520	<b>25.52</b>	105.0	0.00	74.64	-	-	0.00	0.00	-	0.00
38	1,851	1,852	<b>23.02</b>	105.0	0.00	76.35	-	-	0.00	0.00	-	0.00
39	2,353	2,355	<b>19.86</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
40	3,035	3,036	<b>16.69</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	3,590	3,590	<b>14.51</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
42	4,446	4,447	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
43	5,110	5,110	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
44	3,896	3,897	<b>13.42</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
45	4,410	4,410	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
46	4,166	4,167	<b>12.52</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
47	5,804	5,804	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
48	6,297	6,297	<b>6.79</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
49	6,673	6,673	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
50	6,539	6,539	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
51	6,809	6,810	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
52	7,130	7,130	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
53	7,508	7,508	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
54	8,910	8,910	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
55	2,443	2,444	<b>19.36</b>	105.0	0.00	78.76	-	-	0.00	0.00	-	0.00
56	2,822	2,824	<b>17.60</b>	105.0	0.00	80.02	-	-	0.00	0.00	-	0.00
57	2,884	2,885	<b>17.33</b>	105.0	0.00	80.20	-	-	0.00	0.00	-	0.00
58	3,265	3,266	<b>15.75</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
59	4,556	4,557	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
60	4,837	4,837	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
61	5,320	5,321	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
62	5,292	5,292	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
63	5,609	5,610	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
64	6,050	6,051	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
65	6,244	6,245	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
66	3,473	3,474	<b>14.95</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
67	5,171	5,171	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
68	5,256	5,257	<b>9.32</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
69	5,470	5,470	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
70	5,629	5,630	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
71	6,030	6,031	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
72	6,583	6,583	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
73	5,999	5,999	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
74	6,203	6,204	<b>7.00</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
75	6,695	6,695	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
76	6,949	6,949	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
77	8,069	8,070	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
78	7,826	7,826	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
79	9,189	9,189	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
80	9,992	9,992	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
81	10,477	10,477	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
82	10,601	10,601	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
83	11,340	11,340	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
84	11,977	11,977	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
85	12,204	12,204	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
86	12,552	12,553	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
87	11,394	11,394	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
88	10,896	10,896	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
89	11,595	11,595	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
90	11,645	11,645	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
91	12,135	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
92	12,309	12,310	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
93	12,008	12,008	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
94	11,709	11,709	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
95	11,748	11,748	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
96	12,424	12,424	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
97	13,333	13,333	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
98	13,023	13,023	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
99	13,159	13,159	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
100	13,727	13,727	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00

Sum 35.53

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H283 H283

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	6,270	6,271	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
	2	6,567	6,567	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
	3	6,190	6,190	<b>7.03</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
	4	5,044	5,045	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
	5	4,870	4,870	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
	6	5,388	5,389	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
	7	5,439	5,440	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
	8	5,722	5,723	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
	9	4,830	4,831	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
	10	5,018	5,019	<b>9.96</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
	11	6,054	6,055	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
	12	4,973	4,973	<b>10.09</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
	13	5,583	5,583	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
	14	6,446	6,446	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
	15	5,835	5,835	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
	16	4,251	4,252	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
	17	5,228	5,228	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
	18	5,729	5,729	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
	19	4,599	4,599	<b>11.17</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
	20	5,982	5,982	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
	21	6,282	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
	22	2,264	2,265	<b>20.38</b>	105.0	0.00	78.10	-	-	0.00	0.00	-	0.00
	23	1,369	1,371	<b>26.79</b>	105.0	0.00	73.74	-	-	0.00	0.00	-	0.00
	24	3,150	3,151	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
	25	3,217	3,217	<b>15.94</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
	26	3,789	3,789	<b>13.80</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
	27	4,337	4,337	<b>11.97</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
	28	4,309	4,309	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
	29	5,233	5,233	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
	30	5,662	5,662	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
	31	6,156	6,156	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
	32	5,215	5,215	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
	33	7,261	7,261	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
	34	7,756	7,756	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
	35	584	590	<b>36.48</b>	105.0	0.00	66.41	-	-	0.00	0.00	-	0.00
	36	1,019	1,021	<b>30.31</b>	105.0	0.00	71.18	-	-	0.00	0.00	-	0.00
	37	529	535	<b>37.54</b>	105.0	0.00	65.56	-	-	0.00	0.00	-	0.00
	38	897	900	<b>31.77</b>	105.0	0.00	70.09	-	-	0.00	0.00	-	0.00
	39	1,563	1,565	<b>25.15</b>	105.0	0.00	74.89	-	-	0.00	0.00	-	0.00
	40	2,420	2,421	<b>19.49</b>	105.0	0.00	78.68	-	-	0.00	0.00	-	0.00
	41	2,801	2,802	<b>17.69</b>	105.0	0.00	79.95	-	-	0.00	0.00	-	0.00
	42	3,809	3,809	<b>13.73</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
	43	4,446	4,446	<b>11.64</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
	44	3,174	3,174	<b>16.12</b>	105.0	0.00	81.03	-	-	0.00	0.00	-	0.00
	45	3,638	3,638	<b>14.34</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
	46	3,321	3,322	<b>15.53</b>	105.0	0.00	81.43	-	-	0.00	0.00	-	0.00
	47	5,098	5,099	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
	48	5,596	5,596	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
	49	5,989	5,989	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
	50	5,748	5,748	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
	51	6,042	6,042	<b>7.37</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
	52	6,380	6,381	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
	53	6,834	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
	54	8,230	8,230	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
	55	1,544	1,546	<b>25.30</b>	105.0	0.00	74.79	-	-	0.00	0.00	-	0.00
	56	1,879	1,881	<b>22.82</b>	105.0	0.00	76.49	-	-	0.00	0.00	-	0.00
	57	1,896	1,898	<b>22.70</b>	105.0	0.00	76.57	-	-	0.00	0.00	-	0.00
	58	2,271	2,272	<b>20.34</b>	105.0	0.00	78.13	-	-	0.00	0.00	-	0.00
	59	3,609	3,610	<b>14.44</b>	105.0	0.00	82.15	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	3,906	3,907	<b>13.39</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
61	4,446	4,447	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
62	4,347	4,348	<b>11.94</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
63	4,677	4,678	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
64	5,177	5,177	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
65	5,404	5,405	<b>8.93</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
66	2,578	2,579	<b>18.71</b>	105.0	0.00	79.23	-	-	0.00	0.00	-	0.00
67	4,180	4,181	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
68	4,273	4,274	<b>12.17</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
69	4,475	4,476	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
70	4,635	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
71	5,042	5,042	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
72	5,593	5,593	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
73	5,007	5,008	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
74	5,275	5,275	<b>9.27</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
75	5,746	5,747	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
76	5,986	5,987	<b>7.50</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
77	7,075	7,075	<b>5.15</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
78	6,859	6,860	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
79	8,202	8,203	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
80	8,999	8,999	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
81	9,482	9,483	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
82	9,606	9,607	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
83	10,353	10,353	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
84	10,985	10,985	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
85	11,214	11,214	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
86	11,564	11,564	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
87	10,416	10,416	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
88	9,903	9,904	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
89	10,603	10,603	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
90	10,650	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
91	11,143	11,143	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
92	11,316	11,316	<b>-1.40</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
93	11,014	11,014	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
94	10,760	10,760	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
95	10,789	10,789	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
96	11,461	11,462	<b>-1.57</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
97	12,348	12,348	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
98	12,033	12,033	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
99	12,166	12,166	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
100	12,737	12,738	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00

Sum 41.88

- Data undefined due to calculation with octave data

### Noise sensitive area: H284 H284

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,594	5,594	<b>8.45</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
2	5,818	5,818	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
3	5,405	5,406	<b>8.93</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
4	4,486	4,487	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
5	4,236	4,236	<b>12.30</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
6	4,589	4,590	<b>11.20</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
7	4,575	4,575	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
8	4,788	4,788	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
9	3,935	3,936	<b>13.29</b>	105.0	0.00	82.90	-	-	0.00	0.00	-	0.00
10	4,088	4,089	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	5,028	5,028	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
12	3,945	3,946	<b>13.26</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
13	4,543	4,544	<b>11.34</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
14	5,402	5,402	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
15	4,798	4,798	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
16	3,218	3,219	<b>15.94</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
17	4,192	4,192	<b>12.44</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
18	4,716	4,716	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
19	3,579	3,579	<b>14.55</b>	105.0	0.00	82.08	-	-	0.00	0.00	-	0.00
20	5,024	5,024	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
21	5,331	5,331	<b>9.13</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
22	1,387	1,389	<b>26.63</b>	105.0	0.00	73.85	-	-	0.00	0.00	-	0.00
23	595	600	<b>36.30</b>	105.0	0.00	66.56	-	-	0.00	0.00	-	0.00
24	2,160	2,161	<b>21.01</b>	105.0	0.00	77.69	-	-	0.00	0.00	-	0.00
25	2,334	2,334	<b>19.98</b>	105.0	0.00	78.36	-	-	0.00	0.00	-	0.00
26	2,859	2,859	<b>17.44</b>	105.0	0.00	80.12	-	-	0.00	0.00	-	0.00
27	3,490	3,491	<b>14.88</b>	105.0	0.00	81.86	-	-	0.00	0.00	-	0.00
28	3,567	3,567	<b>14.60</b>	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00
29	4,406	4,406	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
30	4,870	4,870	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
31	5,385	5,385	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
32	4,487	4,487	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
33	6,548	6,548	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
34	7,094	7,094	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
35	490	495	<b>38.35</b>	105.0	0.00	64.90	-	-	0.00	0.00	-	0.00
36	599	602	<b>36.26</b>	105.0	0.00	66.59	-	-	0.00	0.00	-	0.00
37	1,179	1,181	<b>28.59</b>	105.0	0.00	72.45	-	-	0.00	0.00	-	0.00
38	1,212	1,213	<b>28.27</b>	105.0	0.00	72.68	-	-	0.00	0.00	-	0.00
39	1,259	1,261	<b>27.80</b>	105.0	0.00	73.02	-	-	0.00	0.00	-	0.00
40	1,757	1,758	<b>23.69</b>	105.0	0.00	75.90	-	-	0.00	0.00	-	0.00
41	2,404	2,405	<b>19.58</b>	105.0	0.00	78.62	-	-	0.00	0.00	-	0.00
42	3,159	3,159	<b>16.18</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
43	3,827	3,828	<b>13.66</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
44	2,652	2,653	<b>18.37</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
45	3,191	3,191	<b>16.05</b>	105.0	0.00	81.08	-	-	0.00	0.00	-	0.00
46	3,025	3,026	<b>16.73</b>	105.0	0.00	80.62	-	-	0.00	0.00	-	0.00
47	4,533	4,533	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
48	5,022	5,022	<b>9.96</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
49	5,391	5,391	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
50	5,313	5,313	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
51	5,565	5,565	<b>8.53</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
52	5,874	5,874	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
53	6,220	6,221	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
54	7,622	7,622	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
55	2,383	2,384	<b>19.69</b>	105.0	0.00	78.55	-	-	0.00	0.00	-	0.00
56	2,605	2,607	<b>18.58</b>	105.0	0.00	79.32	-	-	0.00	0.00	-	0.00
57	2,448	2,449	<b>19.33</b>	105.0	0.00	78.78	-	-	0.00	0.00	-	0.00
58	2,649	2,650	<b>18.38</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
59	3,590	3,591	<b>14.51</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
60	3,821	3,822	<b>13.68</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
61	4,193	4,193	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
62	4,301	4,302	<b>12.09</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
63	4,580	4,580	<b>11.23</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
64	4,912	4,913	<b>10.26</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
65	5,064	5,064	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
66	3,358	3,359	<b>15.38</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
67	4,585	4,585	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
68	4,742	4,743	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
69	4,803	4,804	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	4,890	4,891	<b>10.32</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
71	5,217	5,218	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
72	5,773	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
73	5,382	5,382	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
74	5,917	5,917	<b>7.67</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
75	6,329	6,329	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
76	6,521	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
77	7,357	7,357	<b>4.60</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
78	7,365	7,365	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
79	8,591	8,591	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
80	9,184	9,184	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
81	9,744	9,744	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
82	9,833	9,834	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
83	10,462	10,462	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
84	11,145	11,145	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
85	11,349	11,349	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
86	11,683	11,683	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
87	10,847	10,847	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
88	10,221	10,221	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
89	10,920	10,920	<b>-0.91</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
90	10,925	10,925	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
91	11,464	11,464	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
92	11,606	11,606	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
93	11,220	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
94	11,301	11,301	<b>-1.38</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
95	11,297	11,297	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
96	11,955	11,955	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
97	12,726	12,727	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
98	12,370	12,371	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
99	12,466	12,466	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
100	13,079	13,080	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00

Sum 42.94

- Data undefined due to calculation with octave data

### Noise sensitive area: H285 H285

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,093	6,093	<b>7.26</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
2	6,244	6,244	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
3	5,799	5,800	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
4	5,097	5,098	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
5	4,796	4,797	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
6	4,982	4,983	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
7	4,884	4,884	<b>10.34</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
8	4,977	4,977	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
9	4,216	4,216	<b>12.36</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
10	4,302	4,303	<b>12.08</b>	105.0	0.00	83.68	-	-	0.00	0.00	-	0.00
11	4,952	4,952	<b>10.15</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
12	3,892	3,892	<b>13.44</b>	105.0	0.00	82.80	-	-	0.00	0.00	-	0.00
13	4,394	4,395	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
14	5,188	5,188	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
15	4,451	4,451	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
16	3,157	3,158	<b>16.18</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
17	3,846	3,846	<b>13.60</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
18	4,255	4,256	<b>12.23</b>	105.0	0.00	83.58	-	-	0.00	0.00	-	0.00
19	3,159	3,159	<b>16.18</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
20	4,434	4,435	<b>11.67</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	4,729	4,729	<b>10.79</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
22	1,882	1,884	<b>22.80</b>	105.0	0.00	76.50	-	-	0.00	0.00	-	0.00
23	1,360	1,363	<b>26.86</b>	105.0	0.00	73.69	-	-	0.00	0.00	-	0.00
24	1,682	1,683	<b>24.24</b>	105.0	0.00	75.52	-	-	0.00	0.00	-	0.00
25	1,648	1,649	<b>24.50</b>	105.0	0.00	75.34	-	-	0.00	0.00	-	0.00
26	2,235	2,236	<b>20.55</b>	105.0	0.00	77.99	-	-	0.00	0.00	-	0.00
27	2,763	2,764	<b>17.87</b>	105.0	0.00	79.83	-	-	0.00	0.00	-	0.00
28	2,765	2,766	<b>17.85</b>	105.0	0.00	79.84	-	-	0.00	0.00	-	0.00
29	3,663	3,663	<b>14.25</b>	105.0	0.00	82.28	-	-	0.00	0.00	-	0.00
30	4,102	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
31	4,605	4,605	<b>11.15</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
32	3,682	3,682	<b>14.18</b>	105.0	0.00	82.32	-	-	0.00	0.00	-	0.00
33	5,741	5,741	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
34	6,269	6,269	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
35	1,035	1,039	<b>30.11</b>	105.0	0.00	71.33	-	-	0.00	0.00	-	0.00
36	561	566	<b>36.92</b>	105.0	0.00	66.06	-	-	0.00	0.00	-	0.00
37	1,394	1,396	<b>26.57</b>	105.0	0.00	73.90	-	-	0.00	0.00	-	0.00
38	1,156	1,159	<b>28.82</b>	105.0	0.00	72.28	-	-	0.00	0.00	-	0.00
39	624	629	<b>35.78</b>	105.0	0.00	66.97	-	-	0.00	0.00	-	0.00
40	908	911	<b>31.64</b>	105.0	0.00	70.19	-	-	0.00	0.00	-	0.00
41	1,568	1,570	<b>25.12</b>	105.0	0.00	74.92	-	-	0.00	0.00	-	0.00
42	2,319	2,320	<b>20.06</b>	105.0	0.00	78.31	-	-	0.00	0.00	-	0.00
43	2,983	2,984	<b>16.91</b>	105.0	0.00	80.49	-	-	0.00	0.00	-	0.00
44	1,795	1,796	<b>23.41</b>	105.0	0.00	76.09	-	-	0.00	0.00	-	0.00
45	2,337	2,338	<b>19.96</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
46	2,205	2,206	<b>20.73</b>	105.0	0.00	77.87	-	-	0.00	0.00	-	0.00
47	3,681	3,682	<b>14.18</b>	105.0	0.00	82.32	-	-	0.00	0.00	-	0.00
48	4,172	4,173	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
49	4,546	4,547	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
50	4,456	4,456	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
51	4,708	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
52	5,018	5,018	<b>9.97</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
53	5,380	5,381	<b>9.00</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
54	6,783	6,783	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
55	2,436	2,437	<b>19.40</b>	105.0	0.00	78.74	-	-	0.00	0.00	-	0.00
56	2,516	2,517	<b>19.00</b>	105.0	0.00	79.02	-	-	0.00	0.00	-	0.00
57	2,218	2,219	<b>20.65</b>	105.0	0.00	77.92	-	-	0.00	0.00	-	0.00
58	2,250	2,251	<b>20.46</b>	105.0	0.00	78.05	-	-	0.00	0.00	-	0.00
59	2,868	2,869	<b>17.40</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
60	3,062	3,063	<b>16.57</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
61	3,368	3,369	<b>15.35</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
62	3,550	3,551	<b>14.66</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
63	3,802	3,803	<b>13.75</b>	105.0	0.00	82.60	-	-	0.00	0.00	-	0.00
64	4,080	4,080	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
65	4,217	4,217	<b>12.36</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
66	3,261	3,262	<b>15.77</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
67	4,092	4,093	<b>12.76</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
68	4,294	4,295	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
69	4,251	4,251	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
70	4,287	4,288	<b>12.13</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
71	4,560	4,561	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
72	5,110	5,110	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
73	4,847	4,848	<b>10.44</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
74	5,588	5,588	<b>8.47</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
75	5,938	5,939	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
76	6,087	6,087	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
77	6,734	6,734	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
78	6,897	6,897	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
79	8,026	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	8,495	8,495	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
81	9,094	9,094	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
82	9,163	9,163	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
83	9,731	9,732	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
84	10,436	10,437	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
85	10,628	10,628	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
86	10,953	10,953	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
87	10,297	10,298	<b>-0.10</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
88	9,601	9,601	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
89	10,297	10,297	<b>-0.10</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
90	10,276	10,276	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
91	10,840	10,840	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
92	10,964	10,964	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
93	10,533	10,534	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
94	10,832	10,832	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
95	10,802	10,803	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
96	11,445	11,445	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
97	12,135	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
98	11,754	11,754	<b>-1.92</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
99	11,826	11,827	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
100	12,463	12,464	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00

Sum 42.07

- Data undefined due to calculation with octave data

### Noise sensitive area: H286 H286

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,320	7,320	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
2	7,484	7,484	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
3	7,042	7,042	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
4	6,279	6,280	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
5	6,001	6,002	<b>7.47</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
6	6,224	6,225	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
7	6,125	6,126	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
8	6,201	6,201	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
9	5,456	5,457	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
10	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
11	6,070	6,070	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
12	5,038	5,038	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
13	5,475	5,475	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
14	6,206	6,206	<b>7.00</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
15	5,366	5,366	<b>9.04</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
16	4,314	4,315	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
17	4,782	4,783	<b>10.63</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
18	5,047	5,048	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
19	4,050	4,051	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
20	5,027	5,027	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
21	5,289	5,289	<b>9.24</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
22	3,088	3,090	<b>16.46</b>	105.0	0.00	80.80	-	-	0.00	0.00	-	0.00
23	2,412	2,414	<b>19.53</b>	105.0	0.00	78.65	-	-	0.00	0.00	-	0.00
24	2,644	2,645	<b>18.41</b>	105.0	0.00	79.45	-	-	0.00	0.00	-	0.00
25	2,324	2,325	<b>20.03</b>	105.0	0.00	78.33	-	-	0.00	0.00	-	0.00
26	2,930	2,931	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
27	3,175	3,175	<b>16.11</b>	105.0	0.00	81.04	-	-	0.00	0.00	-	0.00
28	2,929	2,930	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
29	3,953	3,953	<b>13.23</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
30	4,288	4,288	<b>12.13</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	4,723	4,723	<b>10.80</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
32	3,751	3,751	<b>13.93</b>	105.0	0.00	82.48	-	-	0.00	0.00	-	0.00
33	5,706	5,706	<b>8.18</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
34	6,129	6,129	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
35	1,629	1,631	<b>24.63</b>	105.0	0.00	75.25	-	-	0.00	0.00	-	0.00
36	1,222	1,225	<b>28.16</b>	105.0	0.00	72.76	-	-	0.00	0.00	-	0.00
37	1,353	1,356	<b>26.92</b>	105.0	0.00	73.65	-	-	0.00	0.00	-	0.00
38	951	955	<b>31.09</b>	105.0	0.00	70.60	-	-	0.00	0.00	-	0.00
39	621	627	<b>35.82</b>	105.0	0.00	66.95	-	-	0.00	0.00	-	0.00
40	1,300	1,302	<b>27.42</b>	105.0	0.00	73.29	-	-	0.00	0.00	-	0.00
41	1,124	1,127	<b>29.15</b>	105.0	0.00	72.04	-	-	0.00	0.00	-	0.00
42	2,325	2,326	<b>20.02</b>	105.0	0.00	78.33	-	-	0.00	0.00	-	0.00
43	2,865	2,866	<b>17.41</b>	105.0	0.00	80.15	-	-	0.00	0.00	-	0.00
44	1,590	1,592	<b>24.94</b>	105.0	0.00	75.04	-	-	0.00	0.00	-	0.00
45	1,923	1,924	<b>22.53</b>	105.0	0.00	76.68	-	-	0.00	0.00	-	0.00
46	1,513	1,515	<b>25.56</b>	105.0	0.00	74.61	-	-	0.00	0.00	-	0.00
47	3,426	3,427	<b>15.12</b>	105.0	0.00	81.70	-	-	0.00	0.00	-	0.00
48	3,918	3,918	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
49	4,325	4,325	<b>12.01</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
50	3,961	3,962	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
51	4,276	4,277	<b>12.16</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
52	4,630	4,631	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
53	5,168	5,168	<b>9.56</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
54	6,540	6,540	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
55	1,737	1,739	<b>23.82</b>	105.0	0.00	75.81	-	-	0.00	0.00	-	0.00
56	1,612	1,615	<b>24.76</b>	105.0	0.00	75.16	-	-	0.00	0.00	-	0.00
57	1,190	1,193	<b>28.47</b>	105.0	0.00	72.53	-	-	0.00	0.00	-	0.00
58	1,052	1,055	<b>29.93</b>	105.0	0.00	71.47	-	-	0.00	0.00	-	0.00
59	1,807	1,809	<b>23.32</b>	105.0	0.00	76.15	-	-	0.00	0.00	-	0.00
60	2,079	2,081	<b>21.50</b>	105.0	0.00	77.36	-	-	0.00	0.00	-	0.00
61	2,608	2,609	<b>18.57</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
62	2,538	2,540	<b>18.90</b>	105.0	0.00	79.10	-	-	0.00	0.00	-	0.00
63	2,852	2,853	<b>17.47</b>	105.0	0.00	80.11	-	-	0.00	0.00	-	0.00
64	3,337	3,338	<b>15.47</b>	105.0	0.00	81.47	-	-	0.00	0.00	-	0.00
65	3,580	3,581	<b>14.55</b>	105.0	0.00	82.08	-	-	0.00	0.00	-	0.00
66	2,267	2,269	<b>20.36</b>	105.0	0.00	78.12	-	-	0.00	0.00	-	0.00
67	2,850	2,851	<b>17.48</b>	105.0	0.00	80.10	-	-	0.00	0.00	-	0.00
68	3,052	3,054	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
69	3,021	3,022	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
70	3,081	3,083	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
71	3,398	3,399	<b>15.23</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
72	3,954	3,955	<b>13.22</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
73	3,613	3,614	<b>14.43</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
74	4,370	4,371	<b>11.87</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
75	4,702	4,703	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
76	4,845	4,845	<b>10.45</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
77	5,544	5,545	<b>8.58</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
78	5,654	5,655	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
79	6,805	6,806	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
80	7,366	7,366	<b>4.59</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
81	7,927	7,927	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
82	8,014	8,015	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
83	8,657	8,657	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
84	9,331	9,332	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
85	9,539	9,540	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
86	9,877	9,877	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
87	9,072	9,073	<b>1.66</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
88	8,411	8,412	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
89	9,110	9,110	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	9,108	9,108	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
91	9,653	9,653	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
92	9,790	9,791	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
93	9,402	9,402	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
94	9,590	9,591	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
95	9,564	9,564	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
96	10,209	10,210	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
97	10,929	10,929	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
98	10,563	10,563	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
99	10,651	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
100	11,272	11,272	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00

Sum 41.16

- Data undefined due to calculation with octave data

## Noise sensitive area: H287 H287

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,388	8,388	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
2	8,404	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
3	7,920	7,921	<b>3.57</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
4	7,594	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
5	7,232	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
6	7,146	7,146	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
7	6,904	6,905	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
8	6,756	6,757	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
9	6,242	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
10	6,199	6,200	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
11	6,133	6,133	<b>7.16</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
12	5,295	5,295	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
13	5,472	5,472	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
14	5,957	5,957	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
15	4,942	4,942	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
16	4,699	4,700	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
17	4,483	4,484	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
18	4,399	4,399	<b>11.78</b>	105.0	0.00	83.87	-	-	0.00	0.00	-	0.00
19	3,777	3,778	<b>13.84</b>	105.0	0.00	82.54	-	-	0.00	0.00	-	0.00
20	4,006	4,006	<b>13.05</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
21	4,177	4,177	<b>12.49</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
22	4,440	4,441	<b>11.65</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
23	4,075	4,077	<b>12.82</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
24	2,934	2,935	<b>17.11</b>	105.0	0.00	80.35	-	-	0.00	0.00	-	0.00
25	2,296	2,297	<b>20.19</b>	105.0	0.00	78.22	-	-	0.00	0.00	-	0.00
26	2,612	2,614	<b>18.55</b>	105.0	0.00	79.34	-	-	0.00	0.00	-	0.00
27	2,261	2,263	<b>20.40</b>	105.0	0.00	78.09	-	-	0.00	0.00	-	0.00
28	1,699	1,701	<b>24.11</b>	105.0	0.00	75.61	-	-	0.00	0.00	-	0.00
29	2,612	2,612	<b>18.56</b>	105.0	0.00	79.34	-	-	0.00	0.00	-	0.00
30	2,731	2,732	<b>18.01</b>	105.0	0.00	79.73	-	-	0.00	0.00	-	0.00
31	3,022	3,023	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
32	2,119	2,120	<b>21.26</b>	105.0	0.00	77.53	-	-	0.00	0.00	-	0.00
33	3,780	3,780	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
34	4,111	4,112	<b>12.70</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
35	3,570	3,571	<b>14.58</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
36	3,064	3,065	<b>16.56</b>	105.0	0.00	80.73	-	-	0.00	0.00	-	0.00
37	3,456	3,458	<b>15.01</b>	105.0	0.00	81.78	-	-	0.00	0.00	-	0.00
38	3,051	3,052	<b>16.62</b>	105.0	0.00	80.69	-	-	0.00	0.00	-	0.00
39	2,385	2,387	<b>19.68</b>	105.0	0.00	78.56	-	-	0.00	0.00	-	0.00
40	1,921	1,923	<b>22.54</b>	105.0	0.00	76.68	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	1,156	1,159	<b>28.81</b>	105.0	0.00	72.28	-	-	0.00	0.00	-	0.00
42	1,195	1,198	<b>28.42</b>	105.0	0.00	72.57	-	-	0.00	0.00	-	0.00
43	1,198	1,200	<b>28.40</b>	105.0	0.00	72.58	-	-	0.00	0.00	-	0.00
44	1,017	1,020	<b>30.32</b>	105.0	0.00	71.17	-	-	0.00	0.00	-	0.00
45	475	482	<b>38.64</b>	105.0	0.00	64.66	-	-	0.00	0.00	-	0.00
46	604	611	<b>36.10</b>	105.0	0.00	66.72	-	-	0.00	0.00	-	0.00
47	1,449	1,451	<b>26.10</b>	105.0	0.00	74.23	-	-	0.00	0.00	-	0.00
48	1,898	1,900	<b>22.69</b>	105.0	0.00	76.57	-	-	0.00	0.00	-	0.00
49	2,308	2,309	<b>20.12</b>	105.0	0.00	78.27	-	-	0.00	0.00	-	0.00
50	1,845	1,846	<b>23.06</b>	105.0	0.00	76.33	-	-	0.00	0.00	-	0.00
51	2,163	2,164	<b>20.98</b>	105.0	0.00	77.71	-	-	0.00	0.00	-	0.00
52	2,523	2,524	<b>18.97</b>	105.0	0.00	79.04	-	-	0.00	0.00	-	0.00
53	3,127	3,128	<b>16.30</b>	105.0	0.00	80.91	-	-	0.00	0.00	-	0.00
54	4,462	4,462	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
55	3,691	3,693	<b>14.14</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
56	3,413	3,415	<b>15.17</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
57	2,947	2,948	<b>17.06</b>	105.0	0.00	80.39	-	-	0.00	0.00	-	0.00
58	2,488	2,490	<b>19.14</b>	105.0	0.00	78.92	-	-	0.00	0.00	-	0.00
59	1,201	1,204	<b>28.36</b>	105.0	0.00	72.62	-	-	0.00	0.00	-	0.00
60	1,008	1,013	<b>30.41</b>	105.0	0.00	71.11	-	-	0.00	0.00	-	0.00
61	712	717	<b>34.34</b>	105.0	0.00	68.11	-	-	0.00	0.00	-	0.00
62	1,345	1,348	<b>27.00</b>	105.0	0.00	73.60	-	-	0.00	0.00	-	0.00
63	1,377	1,380	<b>26.71</b>	105.0	0.00	73.80	-	-	0.00	0.00	-	0.00
64	1,373	1,375	<b>26.75</b>	105.0	0.00	73.77	-	-	0.00	0.00	-	0.00
65	1,508	1,510	<b>25.60</b>	105.0	0.00	74.58	-	-	0.00	0.00	-	0.00
66	3,808	3,809	<b>13.73</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
67	3,010	3,012	<b>16.78</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
68	3,331	3,333	<b>15.49</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
69	2,867	2,869	<b>17.40</b>	105.0	0.00	80.15	-	-	0.00	0.00	-	0.00
70	2,668	2,670	<b>18.29</b>	105.0	0.00	79.53	-	-	0.00	0.00	-	0.00
71	2,631	2,633	<b>18.46</b>	105.0	0.00	79.41	-	-	0.00	0.00	-	0.00
72	3,070	3,071	<b>16.54</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00
73	3,405	3,407	<b>15.20</b>	105.0	0.00	81.65	-	-	0.00	0.00	-	0.00
74	4,795	4,796	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
75	4,873	4,874	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
76	4,843	4,844	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
77	4,713	4,714	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
78	5,441	5,442	<b>8.84</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
79	6,143	6,143	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
80	6,163	6,163	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
81	6,877	6,877	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
82	6,879	6,879	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
83	7,248	7,249	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
84	8,009	8,010	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
85	8,162	8,163	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
86	8,460	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
87	8,383	8,384	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
88	7,471	7,471	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
89	8,141	8,141	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
90	8,039	8,039	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
91	8,672	8,672	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
92	8,735	8,735	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
93	8,173	8,174	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
94	9,169	9,170	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
95	9,055	9,056	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
96	9,633	9,634	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
97	10,044	10,045	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
98	9,593	9,594	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
99	9,593	9,594	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
100	10,293	10,294	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00

Sum 43.86

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H288 H288

WTG	95% rated power											Cmet	
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]		A [dB]
	1	7,031	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
	2	7,037	7,038	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
	3	6,553	6,553	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
	4	6,283	6,283	<b>6.82</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
	5	5,905	5,906	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
	6	5,781	5,782	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
	7	5,536	5,536	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
	8	5,397	5,397	<b>8.95</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
	9	4,874	4,875	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
	10	4,832	4,833	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
	11	4,853	4,853	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
	12	3,963	3,963	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
	13	4,200	4,201	<b>12.41</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
	14	4,773	4,773	<b>10.66</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
	15	3,813	3,813	<b>13.71</b>	105.0	0.00	82.63	-	-	0.00	0.00	-	0.00
	16	3,343	3,343	<b>15.45</b>	105.0	0.00	81.48	-	-	0.00	0.00	-	0.00
	17	3,291	3,292	<b>15.65</b>	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
	18	3,371	3,371	<b>15.34</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
	19	2,554	2,555	<b>18.83</b>	105.0	0.00	79.15	-	-	0.00	0.00	-	0.00
	20	3,214	3,215	<b>15.95</b>	105.0	0.00	81.14	-	-	0.00	0.00	-	0.00
	21	3,458	3,459	<b>15.00</b>	105.0	0.00	81.78	-	-	0.00	0.00	-	0.00
	22	3,203	3,205	<b>15.99</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
	23	3,009	3,011	<b>16.79</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
	24	1,566	1,568	<b>25.13</b>	105.0	0.00	74.91	-	-	0.00	0.00	-	0.00
	25	933	937	<b>31.31</b>	105.0	0.00	70.43	-	-	0.00	0.00	-	0.00
	26	1,347	1,349	<b>26.98</b>	105.0	0.00	73.60	-	-	0.00	0.00	-	0.00
	27	1,337	1,339	<b>27.08</b>	105.0	0.00	73.53	-	-	0.00	0.00	-	0.00
	28	1,086	1,089	<b>29.56</b>	105.0	0.00	71.74	-	-	0.00	0.00	-	0.00
	29	2,095	2,096	<b>21.41</b>	105.0	0.00	77.43	-	-	0.00	0.00	-	0.00
	30	2,457	2,458	<b>19.29</b>	105.0	0.00	78.81	-	-	0.00	0.00	-	0.00
	31	2,924	2,925	<b>17.16</b>	105.0	0.00	80.32	-	-	0.00	0.00	-	0.00
	32	1,968	1,969	<b>22.23</b>	105.0	0.00	76.89	-	-	0.00	0.00	-	0.00
	33	4,008	4,009	<b>13.04</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00
	34	4,518	4,518	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
	35	2,769	2,771	<b>17.83</b>	105.0	0.00	79.85	-	-	0.00	0.00	-	0.00
	36	2,255	2,257	<b>20.43</b>	105.0	0.00	78.07	-	-	0.00	0.00	-	0.00
	37	2,922	2,924	<b>17.16</b>	105.0	0.00	80.32	-	-	0.00	0.00	-	0.00
	38	2,551	2,553	<b>18.83</b>	105.0	0.00	79.14	-	-	0.00	0.00	-	0.00
	39	1,734	1,736	<b>23.84</b>	105.0	0.00	75.79	-	-	0.00	0.00	-	0.00
	40	848	852	<b>32.40</b>	105.0	0.00	69.61	-	-	0.00	0.00	-	0.00
	41	857	861	<b>32.28</b>	105.0	0.00	69.70	-	-	0.00	0.00	-	0.00
	42	564	571	<b>36.84</b>	105.0	0.00	66.13	-	-	0.00	0.00	-	0.00
	43	1,231	1,233	<b>28.07</b>	105.0	0.00	72.82	-	-	0.00	0.00	-	0.00
	44	454	462	<b>39.07</b>	105.0	0.00	64.30	-	-	0.00	0.00	-	0.00
	45	893	897	<b>31.82</b>	105.0	0.00	70.05	-	-	0.00	0.00	-	0.00
	46	1,211	1,215	<b>28.26</b>	105.0	0.00	72.69	-	-	0.00	0.00	-	0.00
	47	1,945	1,946	<b>22.38</b>	105.0	0.00	76.78	-	-	0.00	0.00	-	0.00
	48	2,428	2,430	<b>19.44</b>	105.0	0.00	78.71	-	-	0.00	0.00	-	0.00
	49	2,794	2,795	<b>17.72</b>	105.0	0.00	79.93	-	-	0.00	0.00	-	0.00
	50	2,805	2,806	<b>17.68</b>	105.0	0.00	79.96	-	-	0.00	0.00	-	0.00
	51	3,015	3,016	<b>16.77</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
	52	3,301	3,301	<b>15.61</b>	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00
	53	3,626	3,627	<b>14.38</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
	54	5,028	5,028	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
	55	3,592	3,594	<b>14.50</b>	105.0	0.00	82.11	-	-	0.00	0.00	-	0.00
	56	3,463	3,465	<b>14.98</b>	105.0	0.00	81.79	-	-	0.00	0.00	-	0.00
	57	3,019	3,021	<b>16.75</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
	58	2,729	2,730	<b>18.01</b>	105.0	0.00	79.72	-	-	0.00	0.00	-	0.00
	59	2,210	2,212	<b>20.69</b>	105.0	0.00	77.90	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	2,193	2,195	<b>20.80</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
61	2,077	2,078	<b>21.52</b>	105.0	0.00	77.35	-	-	0.00	0.00	-	0.00
62	2,631	2,632	<b>18.46</b>	105.0	0.00	79.41	-	-	0.00	0.00	-	0.00
63	2,729	2,731	<b>18.01</b>	105.0	0.00	79.73	-	-	0.00	0.00	-	0.00
64	2,675	2,676	<b>18.26</b>	105.0	0.00	79.55	-	-	0.00	0.00	-	0.00
65	2,688	2,689	<b>18.20</b>	105.0	0.00	79.59	-	-	0.00	0.00	-	0.00
66	4,066	4,068	<b>12.85</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
67	3,955	3,957	<b>13.22</b>	105.0	0.00	82.95	-	-	0.00	0.00	-	0.00
68	4,246	4,247	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
69	3,929	3,930	<b>13.31</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
70	3,812	3,813	<b>13.71</b>	105.0	0.00	82.63	-	-	0.00	0.00	-	0.00
71	3,884	3,885	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
72	4,367	4,368	<b>11.88</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
73	4,515	4,517	<b>11.42</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
74	5,703	5,704	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
75	5,889	5,890	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
76	5,924	5,925	<b>7.65</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
77	6,028	6,029	<b>7.40</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
78	6,607	6,607	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
79	7,437	7,438	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
80	7,530	7,530	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
81	8,235	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
82	8,243	8,244	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
83	8,611	8,611	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
84	9,376	9,377	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
85	9,526	9,526	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
86	9,820	9,821	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
87	9,696	9,696	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
88	8,819	8,820	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
89	9,494	9,495	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
90	9,401	9,401	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
91	10,028	10,028	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
92	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
93	9,541	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
94	10,427	10,427	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
95	10,333	10,334	<b>-0.14</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
96	10,928	10,929	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
97	11,392	11,393	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
98	10,949	10,950	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
99	10,957	10,957	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
100	11,651	11,652	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00

Sum 44.12

- Data undefined due to calculation with octave data

### Noise sensitive area: H289 H289

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,180	9,180	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
2	9,124	9,125	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
3	8,631	8,632	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
4	8,514	8,514	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
5	8,122	8,122	<b>3.21</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
6	7,897	7,898	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
7	7,595	7,596	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
8	7,343	7,343	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
9	6,960	6,960	<b>5.38</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
10	6,862	6,862	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,488	6,488	<b>6.37</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
12	5,801	5,802	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
13	5,827	5,828	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
14	6,141	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
15	5,089	5,090	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
16	5,311	5,311	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
17	4,747	4,748	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
18	4,450	4,450	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
19	4,135	4,136	<b>12.62</b>	105.0	0.00	83.33	-	-	0.00	0.00	-	0.00
20	3,832	3,833	<b>13.65</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
21	3,914	3,914	<b>13.36</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
22	5,463	5,464	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
23	5,208	5,210	<b>9.45</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
24	3,701	3,702	<b>14.11</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
25	3,056	3,057	<b>16.60</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
26	3,149	3,150	<b>16.22</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
27	2,514	2,515	<b>19.01</b>	105.0	0.00	79.01	-	-	0.00	0.00	-	0.00
28	1,919	1,921	<b>22.55</b>	105.0	0.00	76.67	-	-	0.00	0.00	-	0.00
29	2,399	2,400	<b>19.60</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
30	2,268	2,269	<b>20.36</b>	105.0	0.00	78.12	-	-	0.00	0.00	-	0.00
31	2,345	2,346	<b>19.91</b>	105.0	0.00	78.41	-	-	0.00	0.00	-	0.00
32	1,730	1,731	<b>23.88</b>	105.0	0.00	75.77	-	-	0.00	0.00	-	0.00
33	2,765	2,765	<b>17.86</b>	105.0	0.00	79.84	-	-	0.00	0.00	-	0.00
34	2,977	2,977	<b>16.93</b>	105.0	0.00	80.48	-	-	0.00	0.00	-	0.00
35	4,783	4,784	<b>10.63</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
36	4,269	4,270	<b>12.19</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
37	4,703	4,704	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
38	4,298	4,299	<b>12.10</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
39	3,607	3,608	<b>14.45</b>	105.0	0.00	82.15	-	-	0.00	0.00	-	0.00
40	3,007	3,008	<b>16.80</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
41	2,361	2,363	<b>19.82</b>	105.0	0.00	78.47	-	-	0.00	0.00	-	0.00
42	1,803	1,805	<b>23.35</b>	105.0	0.00	76.13	-	-	0.00	0.00	-	0.00
43	1,268	1,271	<b>27.71</b>	105.0	0.00	73.08	-	-	0.00	0.00	-	0.00
44	2,082	2,084	<b>21.48</b>	105.0	0.00	77.38	-	-	0.00	0.00	-	0.00
45	1,540	1,542	<b>25.34</b>	105.0	0.00	74.76	-	-	0.00	0.00	-	0.00
46	1,854	1,856	<b>22.99</b>	105.0	0.00	76.37	-	-	0.00	0.00	-	0.00
47	767	772	<b>33.52</b>	105.0	0.00	68.75	-	-	0.00	0.00	-	0.00
48	922	926	<b>31.45</b>	105.0	0.00	70.33	-	-	0.00	0.00	-	0.00
49	1,267	1,270	<b>27.72</b>	105.0	0.00	73.07	-	-	0.00	0.00	-	0.00
50	597	602	<b>36.26</b>	105.0	0.00	66.59	-	-	0.00	0.00	-	0.00
51	920	924	<b>31.48</b>	105.0	0.00	70.31	-	-	0.00	0.00	-	0.00
52	1,290	1,292	<b>27.51</b>	105.0	0.00	73.23	-	-	0.00	0.00	-	0.00
53	1,990	1,991	<b>22.08</b>	105.0	0.00	76.98	-	-	0.00	0.00	-	0.00
54	3,254	3,254	<b>15.80</b>	105.0	0.00	81.25	-	-	0.00	0.00	-	0.00
55	4,912	4,913	<b>10.26</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
56	4,608	4,610	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
57	4,149	4,150	<b>12.57</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
58	3,664	3,666	<b>14.24</b>	105.0	0.00	82.28	-	-	0.00	0.00	-	0.00
59	2,146	2,148	<b>21.08</b>	105.0	0.00	77.64	-	-	0.00	0.00	-	0.00
60	1,817	1,820	<b>23.24</b>	105.0	0.00	76.20	-	-	0.00	0.00	-	0.00
61	1,008	1,012	<b>30.42</b>	105.0	0.00	71.10	-	-	0.00	0.00	-	0.00
62	1,822	1,825	<b>23.21</b>	105.0	0.00	76.23	-	-	0.00	0.00	-	0.00
63	1,569	1,572	<b>25.10</b>	105.0	0.00	74.93	-	-	0.00	0.00	-	0.00
64	808	813	<b>32.93</b>	105.0	0.00	69.20	-	-	0.00	0.00	-	0.00
65	522	528	<b>37.68</b>	105.0	0.00	65.45	-	-	0.00	0.00	-	0.00
66	4,929	4,930	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
67	3,730	3,731	<b>14.00</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
68	4,055	4,057	<b>12.88</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
69	3,461	3,463	<b>14.99</b>	105.0	0.00	81.79	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	3,163	3,165	<b>16.15</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00
71	2,912	2,914	<b>17.20</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
72	3,171	3,173	<b>16.12</b>	105.0	0.00	81.03	-	-	0.00	0.00	-	0.00
73	3,879	3,880	<b>13.48</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
74	5,443	5,445	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
75	5,391	5,392	<b>8.97</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
76	5,272	5,274	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
77	4,640	4,641	<b>11.05</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
78	5,709	5,710	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
79	6,088	6,089	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
80	5,723	5,723	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
81	6,520	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
82	6,460	6,461	<b>6.43</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
83	6,610	6,611	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
84	7,418	7,419	<b>4.49</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
85	7,526	7,526	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
86	7,788	7,789	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
87	8,224	8,224	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
88	7,170	7,171	<b>4.96</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
89	7,800	7,801	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
90	7,631	7,631	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
91	8,309	8,310	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
92	8,318	8,319	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
93	7,647	7,648	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
94	9,160	9,161	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
95	8,994	8,995	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
96	9,515	9,516	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
97	9,718	9,719	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
98	9,218	9,219	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
99	9,157	9,158	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
100	9,899	9,900	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00

Sum 43.76

- Data undefined due to calculation with octave data

### Noise sensitive area: H292 H292

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,543	10,543	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
2	10,408	10,408	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
3	9,913	9,913	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
4	10,023	10,024	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
5	9,605	9,606	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
6	9,237	9,238	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
7	8,876	8,876	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
8	8,515	8,516	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
9	8,285	8,286	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
10	8,131	8,132	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
11	7,426	7,426	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
12	6,944	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
13	6,800	6,801	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
14	6,892	6,892	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
15	5,867	5,867	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
16	6,586	6,586	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
17	5,689	5,690	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
18	5,171	5,172	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
19	5,234	5,234	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
20	4,348	4,348	<b>11.94</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
21	4,293	4,294	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00	
22	7,113	7,113	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00	
23	6,950	6,951	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00	
24	5,203	5,204	<b>9.46</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00	
25	4,600	4,600	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00	
26	4,516	4,516	<b>11.42</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00	
27	3,743	3,744	<b>13.96</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00	
28	3,268	3,269	<b>15.74</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00	
29	3,189	3,190	<b>16.05</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00	
30	2,779	2,779	<b>17.79</b>	105.0	0.00	79.88	-	-	0.00	0.00	-	0.00	
31	2,478	2,479	<b>19.19</b>	105.0	0.00	78.88	-	-	0.00	0.00	-	0.00	
32	2,582	2,583	<b>18.69</b>	105.0	0.00	79.24	-	-	0.00	0.00	-	0.00	
33	1,967	1,968	<b>22.23</b>	105.0	0.00	76.88	-	-	0.00	0.00	-	0.00	
34	1,729	1,730	<b>23.89</b>	105.0	0.00	75.76	-	-	0.00	0.00	-	0.00	
35	6,583	6,584	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00	
36	6,066	6,067	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00	
37	6,521	6,522	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00	
38	6,115	6,116	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00	
39	5,415	5,416	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00	
40	4,752	4,753	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00	
41	4,169	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00	
42	3,416	3,417	<b>15.16</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00	
43	2,758	2,759	<b>17.88</b>	105.0	0.00	79.82	-	-	0.00	0.00	-	0.00	
44	3,851	3,852	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00	
45	3,337	3,338	<b>15.47</b>	105.0	0.00	81.47	-	-	0.00	0.00	-	0.00	
46	3,670	3,672	<b>14.22</b>	105.0	0.00	82.30	-	-	0.00	0.00	-	0.00	
47	2,023	2,025	<b>21.86</b>	105.0	0.00	77.13	-	-	0.00	0.00	-	0.00	
48	1,598	1,600	<b>24.88</b>	105.0	0.00	75.08	-	-	0.00	0.00	-	0.00	
49	1,387	1,389	<b>26.63</b>	105.0	0.00	73.86	-	-	0.00	0.00	-	0.00	
50	1,222	1,225	<b>28.16</b>	105.0	0.00	72.76	-	-	0.00	0.00	-	0.00	
51	936	939	<b>31.29</b>	105.0	0.00	70.45	-	-	0.00	0.00	-	0.00	
52	672	676	<b>34.99</b>	105.0	0.00	67.60	-	-	0.00	0.00	-	0.00	
53	1,114	1,116	<b>29.26</b>	105.0	0.00	71.96	-	-	0.00	0.00	-	0.00	
54	1,664	1,665	<b>24.37</b>	105.0	0.00	75.43	-	-	0.00	0.00	-	0.00	
55	6,695	6,696	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00	
56	6,368	6,369	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00	
57	5,918	5,919	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00	
58	5,419	5,420	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00	
59	3,823	3,824	<b>13.68</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00	
60	3,470	3,472	<b>14.95</b>	105.0	0.00	81.81	-	-	0.00	0.00	-	0.00	
61	2,690	2,692	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00	
62	3,298	3,299	<b>15.62</b>	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00	
63	2,941	2,942	<b>17.08</b>	105.0	0.00	80.37	-	-	0.00	0.00	-	0.00	
64	2,076	2,078	<b>21.52</b>	105.0	0.00	77.35	-	-	0.00	0.00	-	0.00	
65	1,691	1,692	<b>24.17</b>	105.0	0.00	75.57	-	-	0.00	0.00	-	0.00	
66	6,618	6,618	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00	
67	5,108	5,109	<b>9.72</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00	
68	5,415	5,416	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00	
69	4,751	4,753	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00	
70	4,399	4,400	<b>11.78</b>	105.0	0.00	83.87	-	-	0.00	0.00	-	0.00	
71	3,987	3,988	<b>13.11</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00	
72	4,008	4,009	<b>13.04</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00	
73	5,010	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00	
74	6,645	6,646	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00	
75	6,452	6,453	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00	
76	6,239	6,240	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00	
77	5,036	5,037	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00	
78	6,452	6,452	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00	
79	6,378	6,379	<b>6.61</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	5,461	5,462	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
81	6,333	6,334	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
82	6,179	6,179	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
83	5,955	5,956	<b>7.58</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
84	6,801	6,802	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
85	6,827	6,828	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
86	7,019	7,020	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
87	8,248	8,249	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
88	7,033	7,034	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
89	7,570	7,571	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
90	7,302	7,303	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
91	8,022	8,023	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
92	7,948	7,948	<b>3.52</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
93	7,127	7,128	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
94	9,368	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
95	9,133	9,134	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
96	9,556	9,556	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
97	9,439	9,440	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
98	8,880	8,880	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
99	8,726	8,727	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
100	9,511	9,511	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00

Sum 39.60

- Data undefined due to calculation with octave data

### Noise sensitive area: H293 H293

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,474	10,475	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
2	10,260	10,260	<b>-0.05</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
3	9,772	9,773	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
4	10,132	10,133	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
5	9,690	9,690	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
6	9,170	9,171	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
7	8,757	8,758	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
8	8,302	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
9	8,226	8,227	<b>3.03</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
10	8,021	8,021	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
11	7,045	7,045	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
12	6,756	6,757	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
13	6,473	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
14	6,384	6,384	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
15	5,433	5,433	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
16	6,537	6,538	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
17	5,398	5,399	<b>8.95</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
18	4,743	4,744	<b>10.74</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
19	5,106	5,106	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
20	3,845	3,846	<b>13.60</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
21	3,697	3,698	<b>14.12</b>	105.0	0.00	82.36	-	-	0.00	0.00	-	0.00
22	7,475	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
23	7,473	7,474	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
24	5,461	5,462	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
25	4,943	4,944	<b>10.17</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
26	4,688	4,689	<b>10.90</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
27	3,884	3,885	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
28	3,583	3,584	<b>14.53</b>	105.0	0.00	82.09	-	-	0.00	0.00	-	0.00
29	3,087	3,088	<b>16.47</b>	105.0	0.00	80.79	-	-	0.00	0.00	-	0.00
30	2,576	2,578	<b>18.72</b>	105.0	0.00	79.22	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	2,089	2,091	<b>21.44</b>	105.0	0.00	77.41	-	-	0.00	0.00	-	0.00
32	2,696	2,698	<b>18.16</b>	105.0	0.00	79.62	-	-	0.00	0.00	-	0.00
33	984	987	<b>30.71</b>	105.0	0.00	70.89	-	-	0.00	0.00	-	0.00
34	401	408	<b>40.37</b>	105.0	0.00	63.21	-	-	0.00	0.00	-	0.00
35	7,268	7,269	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
36	6,750	6,751	<b>5.81</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
37	7,325	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
38	6,926	6,927	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
39	6,158	6,159	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
40	5,356	5,357	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
41	4,948	4,949	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
42	3,944	3,946	<b>13.26</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
43	3,283	3,284	<b>15.68</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
44	4,546	4,547	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
45	4,123	4,124	<b>12.66</b>	105.0	0.00	83.31	-	-	0.00	0.00	-	0.00
46	4,571	4,573	<b>11.25</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
47	2,626	2,628	<b>18.48</b>	105.0	0.00	79.39	-	-	0.00	0.00	-	0.00
48	2,130	2,132	<b>21.19</b>	105.0	0.00	77.58	-	-	0.00	0.00	-	0.00
49	1,730	1,733	<b>23.87</b>	105.0	0.00	75.77	-	-	0.00	0.00	-	0.00
50	2,285	2,287	<b>20.25</b>	105.0	0.00	78.19	-	-	0.00	0.00	-	0.00
51	1,914	1,916	<b>22.58</b>	105.0	0.00	76.65	-	-	0.00	0.00	-	0.00
52	1,540	1,543	<b>25.33</b>	105.0	0.00	74.77	-	-	0.00	0.00	-	0.00
53	885	890	<b>31.90</b>	105.0	0.00	69.99	-	-	0.00	0.00	-	0.00
54	524	530	<b>37.63</b>	105.0	0.00	65.48	-	-	0.00	0.00	-	0.00
55	7,674	7,675	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
56	7,390	7,391	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
57	6,926	6,927	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
58	6,453	6,454	<b>6.45</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
59	4,938	4,939	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
60	4,599	4,601	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
61	3,789	3,790	<b>13.79</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
62	4,514	4,516	<b>11.42</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
63	4,184	4,185	<b>12.46</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
64	3,296	3,298	<b>15.62</b>	105.0	0.00	81.36	-	-	0.00	0.00	-	0.00
65	2,870	2,871	<b>17.39</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
66	7,727	7,728	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
67	6,385	6,387	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
68	6,701	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
69	6,052	6,054	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
70	5,710	5,712	<b>8.16</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
71	5,326	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
72	5,377	5,379	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
73	6,349	6,350	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
74	7,980	7,981	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
75	7,811	7,812	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
76	7,608	7,609	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
77	6,404	6,405	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
78	7,832	7,833	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
79	7,724	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
80	6,688	6,689	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
81	7,568	7,569	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
82	7,384	7,385	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
83	7,004	7,005	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
84	7,849	7,850	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
85	7,832	7,832	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
86	7,977	7,978	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
87	9,522	9,523	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
88	8,273	8,273	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
89	8,771	8,772	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	8,470	8,471	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
91	9,196	9,197	<b>1.47</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
92	9,089	9,090	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
93	8,216	8,217	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
94	10,680	10,681	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
95	10,430	10,431	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
96	10,825	10,825	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
97	10,601	10,602	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
98	10,023	10,024	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
99	9,831	9,832	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
100	10,626	10,626	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00

Sum 43.31

- Data undefined due to calculation with octave data

### Noise sensitive area: H294 H294

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,304	12,305	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
2	12,058	12,058	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
3	11,576	11,577	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
4	12,015	12,016	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
5	11,569	11,569	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
6	11,006	11,007	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
7	10,577	10,577	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
8	10,084	10,085	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
9	10,071	10,072	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
10	9,849	9,849	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
11	8,753	8,754	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
12	8,565	8,566	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
13	8,221	8,222	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
14	8,022	8,023	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
15	7,142	7,143	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
16	8,397	8,398	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
17	7,183	7,183	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
18	6,476	6,476	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
19	6,957	6,958	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
20	5,568	5,569	<b>8.52</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
21	5,369	5,370	<b>9.02</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
22	9,387	9,387	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
23	9,370	9,371	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
24	7,372	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
25	6,853	6,854	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
26	6,597	6,598	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
27	5,793	5,795	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
28	5,490	5,491	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
29	4,978	4,979	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
30	4,461	4,463	<b>11.58</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
31	3,952	3,954	<b>13.23</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
32	4,608	4,609	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
33	2,733	2,735	<b>17.99</b>	105.0	0.00	79.74	-	-	0.00	0.00	-	0.00
34	2,048	2,050	<b>21.70</b>	105.0	0.00	77.23	-	-	0.00	0.00	-	0.00
35	9,126	9,127	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
36	8,606	8,607	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
37	9,136	9,137	<b>1.57</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
38	8,733	8,734	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
39	7,990	7,991	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
40	7,228	7,229	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,758	6,759	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
42	5,823	5,824	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
43	5,154	5,155	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
44	6,385	6,386	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
45	5,922	5,923	<b>7.65</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
46	6,318	6,319	<b>6.74</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
47	4,462	4,463	<b>11.58</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
48	3,966	3,968	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
49	3,591	3,592	<b>14.51</b>	105.0	0.00	82.11	-	-	0.00	0.00	-	0.00
50	3,894	3,895	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
51	3,554	3,556	<b>14.64</b>	105.0	0.00	82.02	-	-	0.00	0.00	-	0.00
52	3,193	3,195	<b>16.03</b>	105.0	0.00	81.09	-	-	0.00	0.00	-	0.00
53	2,770	2,772	<b>17.83</b>	105.0	0.00	79.86	-	-	0.00	0.00	-	0.00
54	1,390	1,393	<b>26.60</b>	105.0	0.00	73.88	-	-	0.00	0.00	-	0.00
55	9,382	9,383	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
56	9,064	9,066	<b>1.68</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
57	8,611	8,612	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
58	8,115	8,117	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
59	6,524	6,525	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
60	6,172	6,173	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
61	5,389	5,391	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
62	5,983	5,985	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
63	5,617	5,619	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
64	4,771	4,773	<b>10.66</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
65	4,392	4,393	<b>11.80</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
66	9,318	9,319	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
67	7,733	7,734	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
68	8,026	8,028	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
69	7,350	7,351	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
70	6,987	6,989	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
71	6,527	6,529	<b>6.29</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
72	6,433	6,434	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
73	7,528	7,529	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
74	9,153	9,154	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
75	8,880	8,881	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
76	8,615	8,616	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
77	7,070	7,071	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
78	8,658	8,659	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
79	8,200	8,201	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
80	6,789	6,790	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
81	7,647	7,648	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
82	7,393	7,394	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
83	6,686	6,687	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
84	7,484	7,485	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
85	7,383	7,384	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
86	7,438	7,439	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
87	9,657	9,658	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
88	8,338	8,339	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
89	8,715	8,716	<b>2.23</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
90	8,342	8,343	<b>2.84</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
91	9,059	9,059	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
92	8,877	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
93	7,920	7,921	<b>3.57</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
94	10,927	10,927	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
95	10,625	10,626	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
96	10,912	10,913	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
97	10,395	10,396	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
98	9,788	9,788	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
99	9,514	9,515	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
100	10,310	10,311	<b>-0.11</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00

Sum 30.79

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H295 H295

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	12,377	12,378	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
	2	12,030	12,031	<b>-2.23</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
	3	11,578	11,579	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
	4	12,336	12,337	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
	5	11,873	11,874	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
	6	11,134	11,134	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
	7	10,655	10,656	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
	8	10,062	10,063	<b>0.22</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
	9	10,255	10,256	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
	10	9,978	9,979	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
	11	8,592	8,593	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
	12	8,681	8,682	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
	13	8,182	8,183	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
	14	7,749	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
	15	7,075	7,076	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
	16	8,700	8,701	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
	17	7,299	7,300	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
	18	6,511	6,512	<b>6.32</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
	19	7,298	7,299	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
	20	5,670	5,671	<b>8.26</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
	21	5,390	5,391	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
	22	10,122	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
	23	10,292	10,293	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
	24	8,101	8,102	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
	25	7,708	7,710	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
	26	7,302	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
	27	6,555	6,556	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
	28	6,444	6,445	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
	29	5,642	5,644	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
	30	5,149	5,151	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
	31	4,624	4,626	<b>11.09</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
	32	5,526	5,528	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
	33	3,475	3,477	<b>14.94</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
	34	3,048	3,050	<b>16.63</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
	35	10,240	10,241	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
	36	9,733	9,734	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
	37	10,385	10,386	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
	38	9,998	9,999	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
	39	9,199	9,200	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
	40	8,320	8,321	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
	41	8,042	8,044	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
	42	6,929	6,930	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
	43	6,313	6,314	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
	44	7,604	7,606	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
	45	7,245	7,246	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
	46	7,731	7,733	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
	47	5,744	5,746	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
	48	5,266	5,268	<b>9.29</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
	49	4,855	4,857	<b>10.42</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
	50	5,499	5,501	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
	51	5,129	5,130	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
	52	4,754	4,755	<b>10.71</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
	53	4,034	4,036	<b>12.95</b>	105.0	0.00	83.12	-	-	0.00	0.00	-	0.00
	54	2,816	2,819	<b>17.62</b>	105.0	0.00	80.00	-	-	0.00	0.00	-	0.00
	55	10,835	10,836	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
	56	10,571	10,573	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
	57	10,104	10,106	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
	58	9,644	9,645	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
	59	8,151	8,152	<b>3.16</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,814	7,815	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
61	7,003	7,004	<b>5.30</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
62	7,722	7,724	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
63	7,384	7,386	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
64	6,499	6,501	<b>6.35</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
65	6,078	6,079	<b>7.29</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
66	10,934	10,935	<b>-0.92</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
67	9,575	9,577	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
68	9,886	9,887	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
69	9,226	9,227	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
70	8,875	8,876	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
71	8,458	8,460	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
72	8,439	8,440	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
73	9,479	9,480	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
74	11,115	11,116	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
75	10,895	10,896	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
76	10,658	10,659	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
77	9,218	9,219	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
78	10,770	10,772	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
79	10,390	10,391	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
80	9,000	9,001	<b>1.78</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
81	9,855	9,857	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
82	9,599	9,600	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
83	8,848	8,849	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
84	9,627	9,629	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
85	9,503	9,504	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
86	9,527	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
87	11,866	11,867	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
88	10,545	10,547	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
89	10,910	10,911	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
90	10,529	10,530	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
91	11,240	11,241	<b>-1.30</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
92	11,045	11,046	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
93	10,076	10,077	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
94	13,137	13,138	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
95	12,835	12,836	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
96	13,117	13,118	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
97	12,557	12,558	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
98	11,946	11,947	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
99	11,654	11,655	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
100	12,445	12,446	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00

Sum 25.99

- Data undefined due to calculation with octave data

### Noise sensitive area: H296 H296

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,910	12,910	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
2	12,613	12,614	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
3	12,144	12,145	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
4	12,738	12,739	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
5	12,282	12,283	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
6	11,633	11,634	<b>-1.78</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
7	11,177	11,178	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
8	10,632	10,633	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
9	10,720	10,721	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
10	10,469	10,470	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,222	9,222	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
12	9,170	9,171	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
13	8,747	8,748	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
14	8,426	8,427	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
15	7,642	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
16	9,091	9,091	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
17	7,774	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
18	7,018	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
19	7,654	7,655	<b>4.05</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
20	6,128	6,129	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
21	5,885	5,886	<b>7.74</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
22	10,280	10,281	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
23	10,339	10,340	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
24	8,248	8,249	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
25	7,777	7,779	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
26	7,455	7,456	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
27	6,666	6,667	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
28	6,440	6,441	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
29	5,793	5,794	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
30	5,276	5,277	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
31	4,745	4,747	<b>10.74</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
32	5,528	5,529	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
33	3,506	3,507	<b>14.82</b>	105.0	0.00	81.90	-	-	0.00	0.00	-	0.00
34	2,899	2,901	<b>17.26</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
35	10,167	10,168	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
36	9,650	9,651	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
37	10,226	10,227	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
38	9,826	9,827	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
39	9,061	9,062	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
40	8,251	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
41	7,848	7,849	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
42	6,838	6,840	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
43	6,182	6,183	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
44	7,448	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
45	7,019	7,020	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
46	7,449	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
47	5,527	5,529	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
48	5,030	5,032	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
49	4,633	4,634	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
50	5,064	5,065	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
51	4,710	4,712	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
52	4,339	4,340	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
53	3,788	3,789	<b>13.80</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
54	2,397	2,399	<b>19.61</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
55	10,538	10,539	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
56	10,235	10,236	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
57	9,777	9,778	<b>0.62</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
58	9,289	9,290	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
59	7,719	7,720	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
60	7,369	7,370	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
61	6,575	6,576	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
62	7,203	7,205	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
63	6,842	6,843	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
64	5,983	5,985	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
65	5,591	5,592	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
66	10,518	10,519	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
67	8,976	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
68	9,271	9,273	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
69	8,597	8,598	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	8,235	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
71	7,778	7,780	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
72	7,686	7,688	<b>3.99</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
73	8,781	8,782	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
74	10,406	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
75	10,132	10,133	<b>0.13</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
76	9,865	9,866	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
77	8,292	8,293	<b>2.92</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
78	9,894	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
79	9,382	9,383	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
80	7,893	7,894	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
81	8,732	8,733	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
82	8,460	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
83	7,644	7,645	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
84	8,407	8,408	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
85	8,269	8,270	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
86	8,280	8,281	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
87	10,739	10,740	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
88	9,411	9,412	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
89	9,742	9,743	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
90	9,348	9,349	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
91	10,051	10,052	<b>0.24</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
92	9,842	9,843	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
93	8,864	8,865	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
94	12,034	12,035	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
95	11,718	11,719	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
96	11,969	11,970	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
97	11,346	11,347	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
98	10,732	10,733	<b>-0.67</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
99	10,427	10,428	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
100	11,215	11,216	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00

Sum 26.67

- Data undefined due to calculation with octave data

### Noise sensitive area: H297 H297

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,109	10,110	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
2	9,808	9,808	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
3	9,339	9,340	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
4	9,978	9,979	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
5	9,519	9,519	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
6	8,838	8,839	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
7	8,377	8,378	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
8	7,827	7,828	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
9	7,933	7,934	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
10	7,675	7,676	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
11	6,421	6,421	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
12	6,375	6,376	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
13	5,942	5,942	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
14	5,640	5,641	<b>8.34</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
15	4,837	4,838	<b>10.47</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
16	6,330	6,331	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
17	4,979	4,980	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
18	4,215	4,216	<b>12.36</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
19	4,907	4,908	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
20	3,332	3,334	<b>15.48</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	3,081	3,083	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
22	7,694	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
23	7,874	7,875	<b>3.65</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
24	5,673	5,674	<b>8.25</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
25	5,292	5,294	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
26	4,875	4,876	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
27	4,135	4,136	<b>12.62</b>	105.0	0.00	83.33	-	-	0.00	0.00	-	0.00
28	4,063	4,064	<b>12.86</b>	105.0	0.00	83.18	-	-	0.00	0.00	-	0.00
29	3,219	3,221	<b>15.93</b>	105.0	0.00	81.16	-	-	0.00	0.00	-	0.00
30	2,735	2,737	<b>17.98</b>	105.0	0.00	79.75	-	-	0.00	0.00	-	0.00
31	2,220	2,222	<b>20.63</b>	105.0	0.00	77.94	-	-	0.00	0.00	-	0.00
32	3,159	3,161	<b>16.17</b>	105.0	0.00	81.00	-	-	0.00	0.00	-	0.00
33	1,217	1,221	<b>28.19</b>	105.0	0.00	72.73	-	-	0.00	0.00	-	0.00
34	1,207	1,210	<b>28.31</b>	105.0	0.00	72.65	-	-	0.00	0.00	-	0.00
35	7,859	7,860	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
36	7,360	7,361	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
37	8,047	8,049	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
38	7,670	7,671	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
39	6,858	6,859	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
40	5,950	5,952	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
41	5,753	5,755	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
42	4,588	4,589	<b>11.20</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
43	4,013	4,014	<b>13.02</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
44	5,295	5,296	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
45	4,998	4,999	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
46	5,523	5,524	<b>8.63</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
47	3,543	3,544	<b>14.68</b>	105.0	0.00	81.99	-	-	0.00	0.00	-	0.00
48	3,114	3,116	<b>16.35</b>	105.0	0.00	80.87	-	-	0.00	0.00	-	0.00
49	2,721	2,723	<b>18.05</b>	105.0	0.00	79.70	-	-	0.00	0.00	-	0.00
50	3,586	3,588	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
51	3,229	3,231	<b>15.89</b>	105.0	0.00	81.19	-	-	0.00	0.00	-	0.00
52	2,898	2,900	<b>17.27</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
53	2,042	2,045	<b>21.73</b>	105.0	0.00	77.21	-	-	0.00	0.00	-	0.00
54	1,625	1,627	<b>24.67</b>	105.0	0.00	75.23	-	-	0.00	0.00	-	0.00
55	8,589	8,591	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
56	8,363	8,365	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
57	7,894	7,896	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
58	7,465	7,466	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
59	6,090	6,091	<b>7.26</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
60	5,780	5,781	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
61	4,980	4,982	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
62	5,790	5,792	<b>7.97</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
63	5,500	5,502	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
64	4,626	4,628	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
65	4,192	4,193	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
66	8,798	8,799	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
67	7,696	7,698	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
68	8,020	8,021	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
69	7,402	7,403	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
70	7,079	7,081	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
71	6,743	6,745	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
72	6,854	6,856	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
73	7,757	7,758	<b>3.86</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
74	9,368	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
75	9,248	9,249	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
76	9,073	9,074	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
77	7,966	7,967	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
78	9,351	9,352	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
79	9,304	9,305	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	8,271	8,272	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
81	9,151	9,152	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
82	8,961	8,962	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
83	8,529	8,530	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
84	9,368	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
85	9,331	9,331	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
86	9,453	9,454	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
87	11,111	11,111	<b>-1.14</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
88	9,856	9,857	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
89	10,345	10,346	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
90	10,035	10,036	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
91	10,761	10,762	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
92	10,643	10,644	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
93	9,752	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
94	12,269	12,269	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
95	12,020	12,020	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
96	12,412	12,413	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
97	12,160	12,160	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
98	11,576	11,576	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
99	11,368	11,369	<b>-1.46</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
100	12,165	12,166	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00

Sum 34.39

- Data undefined due to calculation with octave data

### Noise sensitive area: H299 H299

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,340	9,341	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
2	9,051	9,052	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
3	8,579	8,580	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
4	9,189	9,190	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
5	8,730	8,731	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
6	8,063	8,064	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
7	7,607	7,608	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
8	7,070	7,071	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
9	7,152	7,153	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
10	6,899	6,901	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
11	5,690	5,691	<b>8.21</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
12	5,600	5,601	<b>8.44</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
13	5,189	5,190	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
14	4,937	4,938	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
15	4,091	4,092	<b>12.76</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
16	5,540	5,541	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
17	4,204	4,205	<b>12.39</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
18	3,452	3,453	<b>15.03</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
19	4,115	4,116	<b>12.69</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
20	2,558	2,560	<b>18.80</b>	105.0	0.00	79.16	-	-	0.00	0.00	-	0.00
21	2,321	2,323	<b>20.04</b>	105.0	0.00	78.32	-	-	0.00	0.00	-	0.00
22	6,911	6,912	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
23	7,112	7,114	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
24	4,896	4,897	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
25	4,537	4,538	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
26	4,100	4,101	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
27	3,376	3,378	<b>15.31</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
28	3,352	3,354	<b>15.40</b>	105.0	0.00	81.51	-	-	0.00	0.00	-	0.00
29	2,458	2,460	<b>19.28</b>	105.0	0.00	78.82	-	-	0.00	0.00	-	0.00
30	1,995	1,998	<b>22.04</b>	105.0	0.00	77.01	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	1,507	1,510	<b>25.60</b>	105.0	0.00	74.58	-	-	0.00	0.00	-	0.00
32	2,475	2,477	<b>19.20</b>	105.0	0.00	78.88	-	-	0.00	0.00	-	0.00
33	891	895	<b>31.84</b>	105.0	0.00	70.04	-	-	0.00	0.00	-	0.00
34	1,327	1,330	<b>27.16</b>	105.0	0.00	73.47	-	-	0.00	0.00	-	0.00
35	7,132	7,133	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
36	6,640	6,641	<b>6.04</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
37	7,352	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
38	6,983	6,984	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
39	6,165	6,166	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
40	5,238	5,240	<b>9.37</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
41	5,104	5,105	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
42	3,909	3,910	<b>13.38</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
43	3,377	3,378	<b>15.31</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
44	4,634	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
45	4,386	4,387	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
46	4,931	4,932	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
47	2,998	2,999	<b>16.84</b>	105.0	0.00	80.54	-	-	0.00	0.00	-	0.00
48	2,627	2,629	<b>18.48</b>	105.0	0.00	79.40	-	-	0.00	0.00	-	0.00
49	2,274	2,276	<b>20.32</b>	105.0	0.00	78.14	-	-	0.00	0.00	-	0.00
50	3,240	3,242	<b>15.85</b>	105.0	0.00	81.22	-	-	0.00	0.00	-	0.00
51	2,915	2,917	<b>17.19</b>	105.0	0.00	80.30	-	-	0.00	0.00	-	0.00
52	2,639	2,641	<b>18.42</b>	105.0	0.00	79.44	-	-	0.00	0.00	-	0.00
53	1,795	1,797	<b>23.40</b>	105.0	0.00	76.09	-	-	0.00	0.00	-	0.00
54	1,972	1,974	<b>22.19</b>	105.0	0.00	76.91	-	-	0.00	0.00	-	0.00
55	7,951	7,952	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
56	7,748	7,749	<b>3.87</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
57	7,280	7,282	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
58	6,873	6,874	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
59	5,580	5,581	<b>8.49</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
60	5,290	5,292	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
61	4,514	4,515	<b>11.42</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
62	5,357	5,359	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
63	5,100	5,101	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
64	4,258	4,259	<b>12.22</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
65	3,833	3,834	<b>13.64</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
66	8,221	8,222	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
67	7,262	7,263	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
68	7,588	7,589	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
69	6,998	6,999	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
70	6,694	6,695	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
71	6,403	6,404	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
72	6,573	6,574	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
73	7,398	7,399	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
74	8,979	8,980	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
75	8,905	8,906	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
76	8,759	8,760	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
77	7,809	7,810	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
78	9,105	9,106	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
79	9,192	9,193	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
80	8,308	8,309	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
81	9,183	9,184	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
82	9,020	9,020	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
83	8,702	8,703	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
84	9,549	9,550	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
85	9,539	9,540	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
86	9,690	9,691	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
87	11,101	11,102	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
88	9,884	9,885	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
89	10,411	10,411	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	10,129	10,129	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
91	10,852	10,853	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
92	10,761	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
93	9,906	9,907	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
94	12,209	12,209	<b>-2.44</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
95	11,981	11,981	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
96	12,409	12,410	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
97	12,264	12,265	<b>-2.50</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
98	11,694	11,695	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
99	11,517	11,518	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
100	12,309	12,309	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00

Sum 36.27

- Data undefined due to calculation with octave data

### Noise sensitive area: H300 H300

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,882	8,882	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
2	8,720	8,720	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
3	8,226	8,227	<b>3.03</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
4	8,445	8,445	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
5	8,012	8,013	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
6	7,574	7,575	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
7	7,194	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
8	6,807	6,807	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
9	6,622	6,623	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
10	6,449	6,450	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
11	5,697	5,698	<b>8.20</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
12	5,236	5,237	<b>9.37</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
13	5,073	5,073	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
14	5,175	5,175	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
15	4,143	4,143	<b>12.60</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
16	4,920	4,920	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
17	3,963	3,963	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
18	3,449	3,450	<b>15.04</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
19	3,533	3,534	<b>14.72</b>	105.0	0.00	81.96	-	-	0.00	0.00	-	0.00
20	2,652	2,653	<b>18.37</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
21	2,637	2,637	<b>18.44</b>	105.0	0.00	79.42	-	-	0.00	0.00	-	0.00
22	5,706	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
23	5,698	5,700	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
24	3,704	3,705	<b>14.10</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
25	3,170	3,171	<b>16.13</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
26	2,949	2,951	<b>17.05</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
27	2,146	2,148	<b>21.09</b>	105.0	0.00	77.64	-	-	0.00	0.00	-	0.00
28	1,807	1,809	<b>23.32</b>	105.0	0.00	76.15	-	-	0.00	0.00	-	0.00
29	1,472	1,474	<b>25.90</b>	105.0	0.00	74.37	-	-	0.00	0.00	-	0.00
30	1,052	1,054	<b>29.94</b>	105.0	0.00	71.46	-	-	0.00	0.00	-	0.00
31	851	854	<b>32.37</b>	105.0	0.00	69.63	-	-	0.00	0.00	-	0.00
32	942	945	<b>31.21</b>	105.0	0.00	70.51	-	-	0.00	0.00	-	0.00
33	1,311	1,313	<b>27.32</b>	105.0	0.00	73.37	-	-	0.00	0.00	-	0.00
34	1,762	1,763	<b>23.65</b>	105.0	0.00	75.93	-	-	0.00	0.00	-	0.00
35	5,525	5,526	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
36	5,010	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
37	5,629	5,630	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
38	5,238	5,239	<b>9.37</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
39	4,446	4,448	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
40	3,603	3,605	<b>14.46</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	3,281	3,282	<b>15.69</b>	105.0	0.00	81.32	-	-	0.00	0.00	-	0.00
42	2,193	2,195	<b>20.80</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
43	1,554	1,556	<b>25.22</b>	105.0	0.00	74.84	-	-	0.00	0.00	-	0.00
44	2,844	2,846	<b>17.50</b>	105.0	0.00	80.08	-	-	0.00	0.00	-	0.00
45	2,496	2,498	<b>19.10</b>	105.0	0.00	78.95	-	-	0.00	0.00	-	0.00
46	3,011	3,012	<b>16.78</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
47	1,030	1,034	<b>30.17</b>	105.0	0.00	71.29	-	-	0.00	0.00	-	0.00
48	657	663	<b>35.21</b>	105.0	0.00	67.43	-	-	0.00	0.00	-	0.00
49	415	423	<b>40.00</b>	105.0	0.00	63.53	-	-	0.00	0.00	-	0.00
50	1,415	1,417	<b>26.39</b>	105.0	0.00	74.03	-	-	0.00	0.00	-	0.00
51	1,198	1,201	<b>28.39</b>	105.0	0.00	72.59	-	-	0.00	0.00	-	0.00
52	1,133	1,136	<b>29.06</b>	105.0	0.00	72.11	-	-	0.00	0.00	-	0.00
53	925	928	<b>31.42</b>	105.0	0.00	70.36	-	-	0.00	0.00	-	0.00
54	2,301	2,302	<b>20.17</b>	105.0	0.00	78.24	-	-	0.00	0.00	-	0.00
55	6,093	6,094	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
56	5,855	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
57	5,386	5,387	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
58	4,951	4,953	<b>10.15</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
59	3,603	3,604	<b>14.46</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
60	3,310	3,312	<b>15.57</b>	105.0	0.00	81.40	-	-	0.00	0.00	-	0.00
61	2,536	2,538	<b>18.91</b>	105.0	0.00	79.09	-	-	0.00	0.00	-	0.00
62	3,388	3,389	<b>15.27</b>	105.0	0.00	81.60	-	-	0.00	0.00	-	0.00
63	3,149	3,151	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
64	2,347	2,349	<b>19.89</b>	105.0	0.00	78.42	-	-	0.00	0.00	-	0.00
65	1,947	1,949	<b>22.36</b>	105.0	0.00	76.80	-	-	0.00	0.00	-	0.00
66	6,285	6,286	<b>6.82</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
67	5,287	5,288	<b>9.24</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
68	5,614	5,615	<b>8.40</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
69	5,035	5,036	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
70	4,742	4,743	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
71	4,485	4,487	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
72	4,711	4,713	<b>10.84</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
73	5,458	5,459	<b>8.79</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
74	7,018	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
75	6,971	6,972	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
76	6,847	6,848	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
77	6,085	6,085	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
78	7,255	7,256	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
79	7,514	7,515	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
80	6,902	6,902	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
81	7,747	7,747	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
82	7,637	7,638	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
83	7,567	7,567	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
84	8,406	8,407	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
85	8,460	8,460	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
86	8,674	8,675	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
87	9,562	9,563	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
88	8,427	8,428	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
89	9,016	9,016	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
90	8,792	8,793	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
91	9,498	9,498	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
92	9,461	9,462	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
93	8,698	8,698	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
94	10,577	10,577	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
95	10,384	10,384	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
96	10,868	10,868	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
97	10,919	10,919	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
98	10,384	10,384	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
99	10,270	10,271	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
100	11,040	11,040	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00

Sum 44.01

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H301 H301

WTG	95% rated power											Cmet	
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]		A [dB]
	1	7,464	7,465	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
	2	7,247	7,247	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
	3	6,758	6,759	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
	4	7,182	7,182	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
	5	6,730	6,731	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
	6	6,162	6,163	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
	7	5,744	5,745	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
	8	5,294	5,295	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
	9	5,223	5,224	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
	10	5,009	5,010	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
	11	4,100	4,100	<b>12.74</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
	12	3,743	3,744	<b>13.96</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00
	13	3,495	3,496	<b>14.86</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
	14	3,548	3,549	<b>14.67</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
	15	2,522	2,523	<b>18.98</b>	105.0	0.00	79.04	-	-	0.00	0.00	-	0.00
	16	3,549	3,550	<b>14.66</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
	17	2,399	2,400	<b>19.61</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
	18	1,826	1,827	<b>23.19</b>	105.0	0.00	76.24	-	-	0.00	0.00	-	0.00
	19	2,108	2,109	<b>21.32</b>	105.0	0.00	77.48	-	-	0.00	0.00	-	0.00
	20	1,043	1,046	<b>30.03</b>	105.0	0.00	71.39	-	-	0.00	0.00	-	0.00
	21	1,101	1,103	<b>29.40</b>	105.0	0.00	71.85	-	-	0.00	0.00	-	0.00
	22	4,810	4,811	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
	23	5,041	5,043	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
	24	2,802	2,804	<b>17.68</b>	105.0	0.00	79.96	-	-	0.00	0.00	-	0.00
	25	2,498	2,500	<b>19.09</b>	105.0	0.00	78.96	-	-	0.00	0.00	-	0.00
	26	2,012	2,014	<b>21.93</b>	105.0	0.00	77.08	-	-	0.00	0.00	-	0.00
	27	1,358	1,361	<b>26.88</b>	105.0	0.00	73.68	-	-	0.00	0.00	-	0.00
	28	1,567	1,569	<b>25.12</b>	105.0	0.00	74.91	-	-	0.00	0.00	-	0.00
	29	535	541	<b>37.41</b>	105.0	0.00	65.66	-	-	0.00	0.00	-	0.00
	30	587	592	<b>36.44</b>	105.0	0.00	66.45	-	-	0.00	0.00	-	0.00
	31	932	935	<b>31.33</b>	105.0	0.00	70.42	-	-	0.00	0.00	-	0.00
	32	1,092	1,096	<b>29.49</b>	105.0	0.00	71.79	-	-	0.00	0.00	-	0.00
	33	2,117	2,118	<b>21.27</b>	105.0	0.00	77.52	-	-	0.00	0.00	-	0.00
	34	2,803	2,804	<b>17.68</b>	105.0	0.00	79.96	-	-	0.00	0.00	-	0.00
	35	5,145	5,147	<b>9.62</b>	105.0	0.00	85.23	-	-	0.00	0.00	-	0.00
	36	4,678	4,679	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
	37	5,449	5,450	<b>8.82</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
	38	5,109	5,110	<b>9.72</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
	39	4,289	4,290	<b>12.12</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00
	40	3,326	3,327	<b>15.51</b>	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
	41	3,413	3,414	<b>15.17</b>	105.0	0.00	81.67	-	-	0.00	0.00	-	0.00
	42	2,198	2,201	<b>20.77</b>	105.0	0.00	77.85	-	-	0.00	0.00	-	0.00
	43	1,935	1,937	<b>22.44</b>	105.0	0.00	76.74	-	-	0.00	0.00	-	0.00
	44	2,933	2,935	<b>17.11</b>	105.0	0.00	80.35	-	-	0.00	0.00	-	0.00
	45	2,890	2,892	<b>17.30</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
	46	3,454	3,456	<b>15.02</b>	105.0	0.00	81.77	-	-	0.00	0.00	-	0.00
	47	2,049	2,051	<b>21.69</b>	105.0	0.00	77.24	-	-	0.00	0.00	-	0.00
	48	2,049	2,051	<b>21.69</b>	105.0	0.00	77.24	-	-	0.00	0.00	-	0.00
	49	2,019	2,021	<b>21.89</b>	105.0	0.00	77.11	-	-	0.00	0.00	-	0.00
	50	2,900	2,901	<b>17.26</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
	51	2,775	2,776	<b>17.81</b>	105.0	0.00	79.87	-	-	0.00	0.00	-	0.00
	52	2,759	2,760	<b>17.88</b>	105.0	0.00	79.82	-	-	0.00	0.00	-	0.00
	53	2,376	2,378	<b>19.73</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
	54	3,494	3,495	<b>14.87</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
	55	6,202	6,203	<b>7.00</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
	56	6,070	6,071	<b>7.31</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
	57	5,619	5,620	<b>8.39</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
	58	5,289	5,291	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
	59	4,328	4,330	<b>12.00</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	4,130	4,131	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
61	3,518	3,519	<b>14.78</b>	105.0	0.00	81.93	-	-	0.00	0.00	-	0.00
62	4,373	4,374	<b>11.86</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
63	4,244	4,246	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
64	3,617	3,618	<b>14.41</b>	105.0	0.00	82.17	-	-	0.00	0.00	-	0.00
65	3,302	3,303	<b>15.60</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
66	6,645	6,646	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
67	6,142	6,144	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
68	6,463	6,464	<b>6.42</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
69	5,983	5,984	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
70	5,752	5,754	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
71	5,614	5,615	<b>8.40</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
72	5,944	5,945	<b>7.60</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
73	6,493	6,494	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
74	7,926	7,927	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
75	7,985	7,986	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
76	7,927	7,928	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
77	7,452	7,453	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
78	8,450	8,451	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
79	8,901	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
80	8,447	8,448	<b>2.66</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
81	9,274	9,275	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
82	9,186	9,186	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
83	9,175	9,176	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
84	10,011	10,011	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
85	10,074	10,074	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
86	10,294	10,295	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
87	11,027	11,027	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
88	9,941	9,942	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
89	10,551	10,552	<b>-0.43</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
90	10,350	10,350	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
91	11,046	11,046	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
92	11,027	11,027	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
93	10,289	10,290	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
94	11,973	11,974	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
95	11,807	11,807	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
96	12,323	12,323	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
97	12,463	12,464	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
98	11,942	11,943	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
99	11,847	11,847	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
100	12,608	12,609	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00

Sum 42.46

- Data undefined due to calculation with octave data

### Noise sensitive area: H302 H302

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,216	8,217	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
2	7,967	7,968	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
3	7,485	7,486	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
4	7,990	7,991	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
5	7,535	7,536	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
6	6,923	6,924	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
7	6,487	6,488	<b>6.37</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
8	5,996	5,997	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
9	5,994	5,995	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
10	5,762	5,763	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	4,707	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
12	4,475	4,476	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
13	4,146	4,147	<b>12.58</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
14	4,052	4,053	<b>12.89</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
15	3,094	3,095	<b>16.44</b>	105.0	0.00	80.81	-	-	0.00	0.00	-	0.00
16	4,345	4,346	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
17	3,092	3,093	<b>16.45</b>	105.0	0.00	80.81	-	-	0.00	0.00	-	0.00
18	2,408	2,409	<b>19.56</b>	105.0	0.00	78.64	-	-	0.00	0.00	-	0.00
19	2,906	2,907	<b>17.23</b>	105.0	0.00	80.27	-	-	0.00	0.00	-	0.00
20	1,506	1,508	<b>25.61</b>	105.0	0.00	74.57	-	-	0.00	0.00	-	0.00
21	1,373	1,374	<b>26.76</b>	105.0	0.00	73.76	-	-	0.00	0.00	-	0.00
22	5,654	5,655	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
23	5,866	5,868	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
24	3,640	3,642	<b>14.32</b>	105.0	0.00	82.23	-	-	0.00	0.00	-	0.00
25	3,302	3,303	<b>15.60</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
26	2,846	2,847	<b>17.49</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
27	2,143	2,145	<b>21.10</b>	105.0	0.00	77.63	-	-	0.00	0.00	-	0.00
28	2,205	2,207	<b>20.73</b>	105.0	0.00	77.88	-	-	0.00	0.00	-	0.00
29	1,231	1,234	<b>28.07</b>	105.0	0.00	72.83	-	-	0.00	0.00	-	0.00
30	846	850	<b>32.42</b>	105.0	0.00	69.59	-	-	0.00	0.00	-	0.00
31	584	590	<b>36.49</b>	105.0	0.00	66.41	-	-	0.00	0.00	-	0.00
32	1,435	1,438	<b>26.21</b>	105.0	0.00	74.15	-	-	0.00	0.00	-	0.00
33	1,376	1,378	<b>26.72</b>	105.0	0.00	73.79	-	-	0.00	0.00	-	0.00
34	2,070	2,071	<b>21.57</b>	105.0	0.00	77.32	-	-	0.00	0.00	-	0.00
35	5,926	5,927	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
36	5,445	5,446	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
37	6,187	6,188	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
38	5,831	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
39	5,010	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
40	4,062	4,063	<b>12.86</b>	105.0	0.00	83.18	-	-	0.00	0.00	-	0.00
41	4,031	4,032	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
42	2,808	2,810	<b>17.66</b>	105.0	0.00	79.97	-	-	0.00	0.00	-	0.00
43	2,381	2,383	<b>19.70</b>	105.0	0.00	78.54	-	-	0.00	0.00	-	0.00
44	3,551	3,552	<b>14.65</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
45	3,398	3,399	<b>15.23</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
46	3,962	3,964	<b>13.19</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
47	2,227	2,229	<b>20.60</b>	105.0	0.00	77.96	-	-	0.00	0.00	-	0.00
48	2,031	2,033	<b>21.81</b>	105.0	0.00	77.16	-	-	0.00	0.00	-	0.00
49	1,834	1,836	<b>23.13</b>	105.0	0.00	76.28	-	-	0.00	0.00	-	0.00
50	2,836	2,838	<b>17.54</b>	105.0	0.00	80.06	-	-	0.00	0.00	-	0.00
51	2,613	2,614	<b>18.55</b>	105.0	0.00	79.35	-	-	0.00	0.00	-	0.00
52	2,483	2,484	<b>19.16</b>	105.0	0.00	78.90	-	-	0.00	0.00	-	0.00
53	1,877	1,879	<b>22.83</b>	105.0	0.00	76.48	-	-	0.00	0.00	-	0.00
54	2,778	2,779	<b>17.80</b>	105.0	0.00	79.88	-	-	0.00	0.00	-	0.00
55	6,867	6,868	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
56	6,700	6,701	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
57	6,239	6,240	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
58	5,870	5,871	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
59	4,739	4,740	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
60	4,494	4,495	<b>11.48</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
61	3,789	3,790	<b>13.79</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
62	4,658	4,660	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
63	4,467	4,469	<b>11.57</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
64	3,724	3,725	<b>14.02</b>	105.0	0.00	82.42	-	-	0.00	0.00	-	0.00
65	3,346	3,347	<b>15.43</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
66	7,230	7,231	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
67	6,513	6,514	<b>6.32</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
68	6,839	6,840	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
69	6,305	6,306	<b>6.77</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,038	6,040	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
71	5,830	5,831	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
72	6,094	6,095	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
73	6,770	6,771	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
74	8,280	8,281	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
75	8,281	8,282	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
76	8,184	8,184	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
77	7,503	7,503	<b>4.33</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
78	8,634	8,635	<b>2.36</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
79	8,935	8,936	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
80	8,303	8,304	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
81	9,155	9,156	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
82	9,036	9,037	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
83	8,905	8,905	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
84	9,749	9,750	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
85	9,784	9,785	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
86	9,979	9,980	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
87	10,984	10,984	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
88	9,839	9,840	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
89	10,419	10,420	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
90	10,185	10,185	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
91	10,895	10,895	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
92	10,847	10,848	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
93	10,060	10,061	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
94	11,999	12,000	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
95	11,807	11,808	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
96	12,289	12,290	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
97	12,316	12,317	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
98	11,774	11,774	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
99	11,646	11,646	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
100	12,421	12,422	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00

Sum 40.38

- Data undefined due to calculation with octave data

### Noise sensitive area: H303 H303

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,826	6,826	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
2	6,786	6,787	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
3	6,295	6,296	<b>6.79</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
4	6,173	6,174	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
5	5,773	5,774	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
6	5,549	5,549	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
7	5,264	5,265	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
8	5,065	5,065	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
9	4,618	4,619	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
10	4,541	4,542	<b>11.34</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
11	4,410	4,411	<b>11.74</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
12	3,577	3,577	<b>14.56</b>	105.0	0.00	82.07	-	-	0.00	0.00	-	0.00
13	3,750	3,751	<b>13.93</b>	105.0	0.00	82.48	-	-	0.00	0.00	-	0.00
14	4,276	4,276	<b>12.17</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
15	3,294	3,295	<b>15.64</b>	105.0	0.00	81.36	-	-	0.00	0.00	-	0.00
16	3,009	3,010	<b>16.80</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
17	2,793	2,794	<b>17.73</b>	105.0	0.00	79.92	-	-	0.00	0.00	-	0.00
18	2,830	2,830	<b>17.57</b>	105.0	0.00	80.04	-	-	0.00	0.00	-	0.00
19	2,068	2,070	<b>21.58</b>	105.0	0.00	77.32	-	-	0.00	0.00	-	0.00
20	2,668	2,669	<b>18.29</b>	105.0	0.00	79.53	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	2,918	2,919	<b>17.18</b>	105.0	0.00	80.30	-	-	0.00	0.00	-	0.00
22	3,231	3,233	<b>15.88</b>	105.0	0.00	81.19	-	-	0.00	0.00	-	0.00
23	3,188	3,190	<b>16.05</b>	105.0	0.00	81.08	-	-	0.00	0.00	-	0.00
24	1,346	1,348	<b>26.99</b>	105.0	0.00	73.60	-	-	0.00	0.00	-	0.00
25	712	717	<b>34.34</b>	105.0	0.00	68.11	-	-	0.00	0.00	-	0.00
26	887	891	<b>31.89</b>	105.0	0.00	70.00	-	-	0.00	0.00	-	0.00
27	798	802	<b>33.09</b>	105.0	0.00	69.08	-	-	0.00	0.00	-	0.00
28	713	718	<b>34.33</b>	105.0	0.00	68.12	-	-	0.00	0.00	-	0.00
29	1,622	1,624	<b>24.69</b>	105.0	0.00	75.21	-	-	0.00	0.00	-	0.00
30	2,038	2,039	<b>21.77</b>	105.0	0.00	77.19	-	-	0.00	0.00	-	0.00
31	2,539	2,540	<b>18.90</b>	105.0	0.00	79.10	-	-	0.00	0.00	-	0.00
32	1,632	1,633	<b>24.62</b>	105.0	0.00	75.26	-	-	0.00	0.00	-	0.00
33	3,693	3,693	<b>14.14</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
34	4,253	4,253	<b>12.24</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
35	3,101	3,103	<b>16.41</b>	105.0	0.00	80.84	-	-	0.00	0.00	-	0.00
36	2,607	2,609	<b>18.57</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
37	3,343	3,345	<b>15.44</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
38	2,994	2,996	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
39	2,173	2,175	<b>20.92</b>	105.0	0.00	77.75	-	-	0.00	0.00	-	0.00
40	1,217	1,220	<b>28.21</b>	105.0	0.00	72.73	-	-	0.00	0.00	-	0.00
41	1,406	1,409	<b>26.45</b>	105.0	0.00	73.98	-	-	0.00	0.00	-	0.00
42	572	579	<b>36.68</b>	105.0	0.00	66.25	-	-	0.00	0.00	-	0.00
43	1,141	1,144	<b>28.97</b>	105.0	0.00	72.17	-	-	0.00	0.00	-	0.00
44	980	984	<b>30.74</b>	105.0	0.00	70.86	-	-	0.00	0.00	-	0.00
45	1,275	1,277	<b>27.65</b>	105.0	0.00	73.13	-	-	0.00	0.00	-	0.00
46	1,704	1,707	<b>24.06</b>	105.0	0.00	75.64	-	-	0.00	0.00	-	0.00
47	1,871	1,873	<b>22.88</b>	105.0	0.00	76.45	-	-	0.00	0.00	-	0.00
48	2,309	2,310	<b>20.12</b>	105.0	0.00	78.27	-	-	0.00	0.00	-	0.00
49	2,628	2,629	<b>18.48</b>	105.0	0.00	79.40	-	-	0.00	0.00	-	0.00
50	2,838	2,839	<b>17.53</b>	105.0	0.00	80.06	-	-	0.00	0.00	-	0.00
51	2,986	2,987	<b>16.89</b>	105.0	0.00	80.51	-	-	0.00	0.00	-	0.00
52	3,225	3,226	<b>15.91</b>	105.0	0.00	81.17	-	-	0.00	0.00	-	0.00
53	3,422	3,422	<b>15.14</b>	105.0	0.00	81.69	-	-	0.00	0.00	-	0.00
54	4,812	4,813	<b>10.55</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
55	4,095	4,096	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
56	3,988	3,990	<b>13.11</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
57	3,551	3,552	<b>14.65</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
58	3,275	3,276	<b>15.71</b>	105.0	0.00	81.31	-	-	0.00	0.00	-	0.00
59	2,703	2,705	<b>18.13</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
60	2,645	2,647	<b>18.39</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
61	2,398	2,400	<b>19.61</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
62	3,052	3,053	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
63	3,101	3,103	<b>16.41</b>	105.0	0.00	80.84	-	-	0.00	0.00	-	0.00
64	2,905	2,907	<b>17.24</b>	105.0	0.00	80.27	-	-	0.00	0.00	-	0.00
65	2,838	2,839	<b>17.53</b>	105.0	0.00	80.06	-	-	0.00	0.00	-	0.00
66	4,606	4,607	<b>11.15</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
67	4,478	4,480	<b>11.53</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
68	4,774	4,775	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
69	4,432	4,433	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
70	4,294	4,295	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
71	4,327	4,329	<b>12.00</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
72	4,788	4,789	<b>10.61</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
73	5,010	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
74	6,236	6,237	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
75	6,407	6,408	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
76	6,429	6,430	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
77	6,437	6,438	<b>6.48</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
78	7,090	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
79	7,863	7,863	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	7,856	7,856	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
81	8,588	8,589	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
82	8,579	8,579	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
83	8,876	8,877	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
84	9,660	9,660	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
85	9,794	9,794	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
86	10,075	10,076	<b>0.21</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
87	10,107	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
88	9,191	9,191	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
89	9,857	9,858	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
90	9,744	9,744	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
91	10,386	10,386	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
92	10,439	10,439	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
93	9,847	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
94	10,876	10,876	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
95	10,770	10,771	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
96	11,354	11,355	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
97	11,764	11,765	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
98	11,306	11,307	<b>-1.38</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
99	11,295	11,295	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
100	12,004	12,004	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00

Sum 43.27

- Data undefined due to calculation with octave data

### Noise sensitive area: H305 H305

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,342	5,342	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
2	5,438	5,439	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
3	4,978	4,978	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
4	4,468	4,469	<b>11.57</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
5	4,119	4,120	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
6	4,169	4,169	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
7	4,025	4,026	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
8	4,072	4,072	<b>12.83</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
9	3,351	3,352	<b>15.41</b>	105.0	0.00	81.51	-	-	0.00	0.00	-	0.00
10	3,410	3,411	<b>15.18</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
11	4,028	4,028	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
12	2,964	2,964	<b>16.99</b>	105.0	0.00	80.44	-	-	0.00	0.00	-	0.00
13	3,483	3,483	<b>14.91</b>	105.0	0.00	81.84	-	-	0.00	0.00	-	0.00
14	4,299	4,299	<b>12.09</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
15	3,625	3,625	<b>14.39</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
16	2,228	2,229	<b>20.60</b>	105.0	0.00	77.96	-	-	0.00	0.00	-	0.00
17	3,017	3,017	<b>16.77</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
18	3,515	3,515	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
19	2,381	2,382	<b>19.71</b>	105.0	0.00	78.54	-	-	0.00	0.00	-	0.00
20	3,834	3,834	<b>13.64</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
21	4,144	4,144	<b>12.59</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
22	1,333	1,336	<b>27.11</b>	105.0	0.00	73.52	-	-	0.00	0.00	-	0.00
23	1,323	1,327	<b>27.19</b>	105.0	0.00	73.46	-	-	0.00	0.00	-	0.00
24	965	968	<b>30.94</b>	105.0	0.00	70.71	-	-	0.00	0.00	-	0.00
25	1,277	1,279	<b>27.64</b>	105.0	0.00	73.14	-	-	0.00	0.00	-	0.00
26	1,711	1,712	<b>24.03</b>	105.0	0.00	75.67	-	-	0.00	0.00	-	0.00
27	2,421	2,422	<b>19.48</b>	105.0	0.00	78.68	-	-	0.00	0.00	-	0.00
28	2,628	2,628	<b>18.48</b>	105.0	0.00	79.39	-	-	0.00	0.00	-	0.00
29	3,336	3,337	<b>15.47</b>	105.0	0.00	81.47	-	-	0.00	0.00	-	0.00
30	3,828	3,829	<b>13.66</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	4,357	4,357	<b>11.91</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
32	3,527	3,527	<b>14.75</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00
33	5,565	5,565	<b>8.53</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
34	6,156	6,156	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
35	1,635	1,638	<b>24.58</b>	105.0	0.00	75.29	-	-	0.00	0.00	-	0.00
36	1,353	1,355	<b>26.93</b>	105.0	0.00	73.64	-	-	0.00	0.00	-	0.00
37	2,201	2,203	<b>20.75</b>	105.0	0.00	77.86	-	-	0.00	0.00	-	0.00
38	2,044	2,045	<b>21.73</b>	105.0	0.00	77.22	-	-	0.00	0.00	-	0.00
39	1,531	1,533	<b>25.41</b>	105.0	0.00	74.71	-	-	0.00	0.00	-	0.00
40	1,232	1,234	<b>28.07</b>	105.0	0.00	72.83	-	-	0.00	0.00	-	0.00
41	2,094	2,095	<b>21.41</b>	105.0	0.00	77.42	-	-	0.00	0.00	-	0.00
42	2,375	2,376	<b>19.74</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
43	3,034	3,034	<b>16.69</b>	105.0	0.00	80.64	-	-	0.00	0.00	-	0.00
44	2,117	2,118	<b>21.27</b>	105.0	0.00	77.52	-	-	0.00	0.00	-	0.00
45	2,680	2,681	<b>18.24</b>	105.0	0.00	79.57	-	-	0.00	0.00	-	0.00
46	2,735	2,737	<b>17.99</b>	105.0	0.00	79.74	-	-	0.00	0.00	-	0.00
47	3,768	3,769	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
48	4,227	4,228	<b>12.32</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
49	4,557	4,557	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
50	4,672	4,672	<b>10.95</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
51	4,866	4,867	<b>10.39</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
52	5,131	5,131	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
53	5,349	5,349	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
54	6,735	6,735	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
55	3,328	3,329	<b>15.50</b>	105.0	0.00	81.45	-	-	0.00	0.00	-	0.00
56	3,437	3,438	<b>15.08</b>	105.0	0.00	81.73	-	-	0.00	0.00	-	0.00
57	3,147	3,149	<b>16.22</b>	105.0	0.00	80.96	-	-	0.00	0.00	-	0.00
58	3,163	3,164	<b>16.16</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00
59	3,563	3,564	<b>14.61</b>	105.0	0.00	82.04	-	-	0.00	0.00	-	0.00
60	3,695	3,696	<b>14.13</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
61	3,833	3,834	<b>13.64</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
62	4,181	4,182	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
63	4,379	4,380	<b>11.84</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
64	4,494	4,495	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
65	4,547	4,548	<b>11.33</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
66	4,186	4,187	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
67	4,952	4,953	<b>10.15</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
68	5,172	5,173	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
69	5,075	5,076	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
70	5,074	5,075	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
71	5,295	5,296	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
72	5,832	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
73	5,677	5,678	<b>8.24</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
74	6,497	6,498	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
75	6,828	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
76	6,960	6,961	<b>5.38</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
77	7,483	7,483	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
78	7,751	7,752	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
79	8,816	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
80	9,162	9,162	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
81	9,804	9,804	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
82	9,850	9,851	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
83	10,334	10,334	<b>-0.14</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
84	11,069	11,069	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
85	11,242	11,242	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
86	11,553	11,553	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
87	11,092	11,093	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
88	10,339	10,339	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
89	11,030	11,031	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	10,984	10,984	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
91	11,571	11,572	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
92	11,676	11,676	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
93	11,196	11,196	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
94	11,676	11,677	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
95	11,632	11,633	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
96	12,265	12,265	<b>-2.50</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
97	12,892	12,892	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
98	12,490	12,491	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
99	12,540	12,540	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
100	13,198	13,199	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00

Sum 38.53

- Data undefined due to calculation with octave data

## Noise sensitive area: H307 H307

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,602	4,602	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
2	4,677	4,678	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
3	4,212	4,213	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
4	3,804	3,804	<b>13.74</b>	105.0	0.00	82.61	-	-	0.00	0.00	-	0.00
5	3,428	3,429	<b>15.12</b>	105.0	0.00	81.70	-	-	0.00	0.00	-	0.00
6	3,407	3,408	<b>15.20</b>	105.0	0.00	81.65	-	-	0.00	0.00	-	0.00
7	3,254	3,255	<b>15.79</b>	105.0	0.00	81.25	-	-	0.00	0.00	-	0.00
8	3,313	3,313	<b>15.56</b>	105.0	0.00	81.41	-	-	0.00	0.00	-	0.00
9	2,580	2,582	<b>18.70</b>	105.0	0.00	79.24	-	-	0.00	0.00	-	0.00
10	2,643	2,645	<b>18.40</b>	105.0	0.00	79.45	-	-	0.00	0.00	-	0.00
11	3,388	3,389	<b>15.27</b>	105.0	0.00	81.60	-	-	0.00	0.00	-	0.00
12	2,307	2,308	<b>20.13</b>	105.0	0.00	78.26	-	-	0.00	0.00	-	0.00
13	2,900	2,900	<b>17.26</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
14	3,767	3,768	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
15	3,236	3,237	<b>15.87</b>	105.0	0.00	81.20	-	-	0.00	0.00	-	0.00
16	1,575	1,577	<b>25.06</b>	105.0	0.00	74.96	-	-	0.00	0.00	-	0.00
17	2,644	2,644	<b>18.41</b>	105.0	0.00	79.45	-	-	0.00	0.00	-	0.00
18	3,271	3,271	<b>15.73</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00
19	2,140	2,141	<b>21.13</b>	105.0	0.00	77.61	-	-	0.00	0.00	-	0.00
20	3,760	3,760	<b>13.90</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
21	4,076	4,077	<b>12.82</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
22	957	962	<b>31.01</b>	105.0	0.00	70.66	-	-	0.00	0.00	-	0.00
23	1,464	1,468	<b>25.95</b>	105.0	0.00	74.33	-	-	0.00	0.00	-	0.00
24	1,111	1,113	<b>29.30</b>	105.0	0.00	71.93	-	-	0.00	0.00	-	0.00
25	1,688	1,690	<b>24.19</b>	105.0	0.00	75.56	-	-	0.00	0.00	-	0.00
26	1,895	1,896	<b>22.71</b>	105.0	0.00	76.56	-	-	0.00	0.00	-	0.00
27	2,692	2,693	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
28	3,037	3,038	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
29	3,559	3,560	<b>14.62</b>	105.0	0.00	82.03	-	-	0.00	0.00	-	0.00
30	4,075	4,075	<b>12.82</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
31	4,607	4,607	<b>11.15</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
32	3,877	3,878	<b>13.49</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
33	5,844	5,844	<b>7.84</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
34	6,474	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
35	2,132	2,134	<b>21.17</b>	105.0	0.00	77.58	-	-	0.00	0.00	-	0.00
36	1,989	1,991	<b>22.08</b>	105.0	0.00	76.98	-	-	0.00	0.00	-	0.00
37	2,787	2,788	<b>17.75</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
38	2,702	2,703	<b>18.14</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
39	2,283	2,284	<b>20.27</b>	105.0	0.00	78.18	-	-	0.00	0.00	-	0.00
40	1,964	1,965	<b>22.25</b>	105.0	0.00	76.87	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	2,829	2,830	<b>17.57</b>	105.0	0.00	80.04	-	-	0.00	0.00	-	0.00
42	2,918	2,919	<b>17.18</b>	105.0	0.00	80.30	-	-	0.00	0.00	-	0.00
43	3,540	3,541	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
44	2,792	2,793	<b>17.73</b>	105.0	0.00	79.92	-	-	0.00	0.00	-	0.00
45	3,342	3,343	<b>15.45</b>	105.0	0.00	81.48	-	-	0.00	0.00	-	0.00
46	3,458	3,460	<b>15.00</b>	105.0	0.00	81.78	-	-	0.00	0.00	-	0.00
47	4,270	4,270	<b>12.19</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
48	4,697	4,697	<b>10.88</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
49	4,990	4,990	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
50	5,227	5,227	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
51	5,385	5,386	<b>8.98</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
52	5,619	5,619	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
53	5,739	5,739	<b>8.10</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
54	7,093	7,093	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
55	3,966	3,967	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
56	4,120	4,121	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
57	3,864	3,866	<b>13.53</b>	105.0	0.00	82.74	-	-	0.00	0.00	-	0.00
58	3,914	3,915	<b>13.36</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
59	4,319	4,320	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
60	4,435	4,436	<b>11.67</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00
61	4,517	4,518	<b>11.42</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
62	4,918	4,919	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
63	5,098	5,099	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
64	5,150	5,150	<b>9.61</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
65	5,164	5,164	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
66	4,876	4,877	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
67	5,722	5,722	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
68	5,939	5,940	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
69	5,846	5,846	<b>7.84</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
70	5,843	5,843	<b>7.84</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
71	6,055	6,055	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
72	6,588	6,588	<b>6.16</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
73	6,448	6,449	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
74	7,251	7,252	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
75	7,592	7,593	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
76	7,729	7,729	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
77	8,243	8,243	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
78	8,522	8,523	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
79	9,583	9,583	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
80	9,897	9,897	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
81	10,551	10,552	<b>-0.43</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
82	10,591	10,592	<b>-0.48</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
83	11,044	11,044	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
84	11,790	11,790	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
85	11,955	11,955	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
86	12,260	12,260	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
87	11,859	11,859	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
88	11,094	11,095	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
89	11,784	11,784	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
90	11,730	11,730	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
91	12,324	12,325	<b>-2.56</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
92	12,423	12,424	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
93	11,927	11,928	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
94	12,447	12,448	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
95	12,403	12,403	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
96	13,035	13,035	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
97	13,651	13,651	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
98	13,244	13,244	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
99	13,287	13,287	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
100	13,952	13,952	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00

Sum 37.51

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H308 H308

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,294	4,295	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
	2	4,562	4,562	<b>11.28</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
	3	4,178	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
	4	3,154	3,154	<b>16.20</b>	105.0	0.00	80.98	-	-	0.00	0.00	-	0.00
	5	2,916	2,917	<b>17.19</b>	105.0	0.00	80.30	-	-	0.00	0.00	-	0.00
	6	3,377	3,377	<b>15.32</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
	7	3,445	3,445	<b>15.05</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
	8	3,787	3,787	<b>13.80</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
	9	2,863	2,863	<b>17.42</b>	105.0	0.00	80.14	-	-	0.00	0.00	-	0.00
	10	3,088	3,089	<b>16.47</b>	105.0	0.00	80.80	-	-	0.00	0.00	-	0.00
	11	4,367	4,367	<b>11.88</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
	12	3,326	3,326	<b>15.51</b>	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
	13	4,020	4,020	<b>13.00</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
	14	4,930	4,930	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
	15	4,570	4,570	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
	16	2,692	2,693	<b>18.19</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
	17	4,005	4,005	<b>13.05</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
	18	4,685	4,685	<b>10.92</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
	19	3,574	3,574	<b>14.57</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
	20	5,211	5,211	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
	21	5,527	5,528	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
	22	515	520	<b>37.84</b>	105.0	0.00	65.32	-	-	0.00	0.00	-	0.00
	23	743	747	<b>33.89</b>	105.0	0.00	68.47	-	-	0.00	0.00	-	0.00
	24	2,489	2,489	<b>19.14</b>	105.0	0.00	78.92	-	-	0.00	0.00	-	0.00
	25	2,947	2,948	<b>17.06</b>	105.0	0.00	80.39	-	-	0.00	0.00	-	0.00
	26	3,288	3,288	<b>15.66</b>	105.0	0.00	81.34	-	-	0.00	0.00	-	0.00
	27	4,056	4,056	<b>12.88</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
	28	4,310	4,310	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
	29	4,954	4,954	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
	30	5,461	5,461	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
	31	5,993	5,993	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
	32	5,199	5,199	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
	33	7,218	7,218	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
	34	7,825	7,825	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
	35	1,690	1,692	<b>24.17</b>	105.0	0.00	75.57	-	-	0.00	0.00	-	0.00
	36	1,930	1,931	<b>22.48</b>	105.0	0.00	76.72	-	-	0.00	0.00	-	0.00
	37	2,374	2,375	<b>19.75</b>	105.0	0.00	78.51	-	-	0.00	0.00	-	0.00
	38	2,511	2,512	<b>19.03</b>	105.0	0.00	79.00	-	-	0.00	0.00	-	0.00
	39	2,554	2,555	<b>18.83</b>	105.0	0.00	79.15	-	-	0.00	0.00	-	0.00
	40	2,780	2,781	<b>17.79</b>	105.0	0.00	79.88	-	-	0.00	0.00	-	0.00
	41	3,568	3,569	<b>14.59</b>	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00
	42	4,052	4,053	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
	43	4,716	4,716	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
	44	3,710	3,710	<b>14.08</b>	105.0	0.00	82.39	-	-	0.00	0.00	-	0.00
	45	4,274	4,274	<b>12.17</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
	46	4,215	4,215	<b>12.36</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
	47	5,449	5,450	<b>8.82</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
	48	5,913	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
	49	6,243	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
	50	6,331	6,331	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
	51	6,540	6,540	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
	52	6,812	6,813	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
	53	7,033	7,033	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
	54	8,414	8,414	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	55	3,543	3,544	<b>14.69</b>	105.0	0.00	81.99	-	-	0.00	0.00	-	0.00
	56	3,834	3,835	<b>13.64</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
	57	3,739	3,740	<b>13.97</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
	58	3,976	3,976	<b>13.15</b>	105.0	0.00	82.99	-	-	0.00	0.00	-	0.00
	59	4,877	4,878	<b>10.36</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	5,083	5,083	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
61	5,368	5,368	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
62	5,570	5,570	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
63	5,824	5,824	<b>7.89</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
64	6,065	6,066	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
65	6,163	6,163	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
66	4,566	4,566	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
67	5,916	5,916	<b>7.67</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
68	6,067	6,068	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
69	6,137	6,138	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
70	6,220	6,220	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
71	6,536	6,536	<b>6.27</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
72	7,090	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
73	6,715	6,716	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
74	7,203	7,203	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
75	7,634	7,635	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
76	7,839	7,839	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
77	8,685	8,686	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
78	8,689	8,689	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
79	9,925	9,925	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
80	10,494	10,494	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
81	11,068	11,068	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
82	11,151	11,151	<b>-1.19</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
83	11,749	11,749	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
84	12,446	12,446	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
85	12,642	12,643	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
86	12,970	12,971	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
87	12,180	12,180	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
88	11,551	11,551	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
89	12,250	12,250	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
90	12,249	12,249	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
91	12,793	12,794	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
92	12,932	12,932	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
93	12,532	12,532	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
94	12,622	12,622	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
95	12,623	12,624	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
96	13,283	13,283	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
97	14,060	14,060	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
98	13,702	13,702	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
99	13,793	13,793	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
100	14,411	14,411	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00

Sum 40.20

- Data undefined due to calculation with octave data

### Noise sensitive area: H309 H309

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,191	4,191	<b>12.44</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
2	4,511	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
3	4,160	4,160	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
4	2,970	2,970	<b>16.96</b>	105.0	0.00	80.46	-	-	0.00	0.00	-	0.00
5	2,787	2,788	<b>17.76</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
6	3,382	3,383	<b>15.29</b>	105.0	0.00	81.59	-	-	0.00	0.00	-	0.00
7	3,512	3,513	<b>14.80</b>	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00
8	3,924	3,924	<b>13.33</b>	105.0	0.00	82.87	-	-	0.00	0.00	-	0.00
9	2,980	2,980	<b>16.92</b>	105.0	0.00	80.48	-	-	0.00	0.00	-	0.00
10	3,239	3,240	<b>15.85</b>	105.0	0.00	81.21	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	4,628	4,628	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
12	3,614	3,614	<b>14.43</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
13	4,323	4,323	<b>12.02</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
14	5,235	5,235	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
15	4,928	4,928	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
16	3,018	3,018	<b>16.76</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
17	4,375	4,375	<b>11.86</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
18	5,072	5,072	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
19	3,971	3,971	<b>13.17</b>	105.0	0.00	82.98	-	-	0.00	0.00	-	0.00
20	5,619	5,619	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
21	5,935	5,935	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
22	913	916	<b>31.57</b>	105.0	0.00	70.24	-	-	0.00	0.00	-	0.00
23	1,013	1,016	<b>30.37</b>	105.0	0.00	71.14	-	-	0.00	0.00	-	0.00
24	2,912	2,912	<b>17.21</b>	105.0	0.00	80.28	-	-	0.00	0.00	-	0.00
25	3,367	3,367	<b>15.35</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
26	3,711	3,711	<b>14.07</b>	105.0	0.00	82.39	-	-	0.00	0.00	-	0.00
27	4,479	4,479	<b>11.53</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
28	4,727	4,727	<b>10.79</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
29	5,377	5,377	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
30	5,884	5,884	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
31	6,416	6,416	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
32	5,619	5,620	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
33	7,640	7,640	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
34	8,246	8,246	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
35	1,871	1,872	<b>22.88</b>	105.0	0.00	76.45	-	-	0.00	0.00	-	0.00
36	2,193	2,194	<b>20.80</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
37	2,509	2,510	<b>19.04</b>	105.0	0.00	78.99	-	-	0.00	0.00	-	0.00
38	2,704	2,705	<b>18.13</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
39	2,852	2,853	<b>17.47</b>	105.0	0.00	80.11	-	-	0.00	0.00	-	0.00
40	3,160	3,160	<b>16.17</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
41	3,924	3,924	<b>13.33</b>	105.0	0.00	82.87	-	-	0.00	0.00	-	0.00
42	4,457	4,457	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
43	5,124	5,124	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
44	4,090	4,090	<b>12.77</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
45	4,652	4,652	<b>11.01</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
46	4,565	4,565	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
47	5,856	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
48	6,322	6,322	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
49	6,657	6,657	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
50	6,725	6,725	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
51	6,941	6,941	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
52	7,218	7,218	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
53	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
54	8,833	8,833	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
55	3,627	3,627	<b>14.38</b>	105.0	0.00	82.19	-	-	0.00	0.00	-	0.00
56	3,953	3,953	<b>13.23</b>	105.0	0.00	82.94	-	-	0.00	0.00	-	0.00
57	3,905	3,906	<b>13.39</b>	105.0	0.00	82.83	-	-	0.00	0.00	-	0.00
58	4,185	4,186	<b>12.46</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
59	5,184	5,185	<b>9.51</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
60	5,405	5,406	<b>8.93</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
61	5,726	5,726	<b>8.13</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
62	5,889	5,889	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
63	6,156	6,156	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
64	6,430	6,431	<b>6.50</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
65	6,542	6,542	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
66	4,661	4,662	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
67	6,131	6,131	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
68	6,264	6,265	<b>6.87</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
69	6,374	6,374	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,476	6,476	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
71	6,813	6,813	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
72	7,369	7,369	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
73	6,941	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
74	7,344	7,344	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
75	7,797	7,798	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
76	8,018	8,018	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
77	8,943	8,943	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
78	8,879	8,879	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
79	10,154	10,154	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
80	10,781	10,781	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
81	11,336	11,336	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
82	11,429	11,429	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
83	12,058	12,058	<b>-2.26</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
84	12,743	12,743	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
85	12,946	12,946	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
86	13,279	13,279	<b>-3.58</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	12,398	12,398	<b>-2.64</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
88	11,804	11,804	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
89	12,503	12,504	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
90	12,515	12,515	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
91	13,047	13,047	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
92	13,194	13,195	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
93	12,817	12,817	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
94	12,801	12,801	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
95	12,815	12,815	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
96	13,480	13,480	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
97	14,296	14,296	<b>-4.57</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
98	13,950	13,950	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
99	14,053	14,053	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
100	14,659	14,659	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 36.11

- Data undefined due to calculation with octave data

### Noise sensitive area: H310 H310

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,465	4,466	<b>11.57</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
2	4,887	4,888	<b>10.33</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
3	4,608	4,609	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
4	3,115	3,115	<b>16.36</b>	105.0	0.00	80.87	-	-	0.00	0.00	-	0.00
5	3,074	3,074	<b>16.53</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00
6	3,900	3,901	<b>13.41</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
7	4,130	4,131	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
8	4,636	4,637	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
9	3,687	3,688	<b>14.16</b>	105.0	0.00	82.34	-	-	0.00	0.00	-	0.00
10	3,986	3,987	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
11	5,491	5,491	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
12	4,511	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
13	5,230	5,230	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
14	6,142	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
15	5,875	5,875	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
16	3,950	3,950	<b>13.24</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
17	5,328	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
18	6,029	6,029	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
19	4,927	4,927	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
20	6,570	6,570	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	6,886	6,886	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
22	1,867	1,868	<b>22.91</b>	105.0	0.00	76.43	-	-	0.00	0.00	-	0.00
23	1,687	1,689	<b>24.20</b>	105.0	0.00	75.55	-	-	0.00	0.00	-	0.00
24	3,824	3,825	<b>13.67</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
25	4,232	4,232	<b>12.31</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
26	4,620	4,620	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
27	5,369	5,369	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
28	5,571	5,572	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
29	6,277	6,277	<b>6.84</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
30	6,777	6,777	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
31	7,307	7,307	<b>4.70</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
32	6,478	6,479	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
33	8,520	8,520	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
34	9,108	9,108	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
35	2,237	2,239	<b>20.54</b>	105.0	0.00	78.00	-	-	0.00	0.00	-	0.00
36	2,689	2,690	<b>18.20</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
37	2,708	2,709	<b>18.11</b>	105.0	0.00	79.66	-	-	0.00	0.00	-	0.00
38	3,011	3,011	<b>16.79</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
39	3,384	3,384	<b>15.29</b>	105.0	0.00	81.59	-	-	0.00	0.00	-	0.00
40	3,882	3,883	<b>13.47</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
41	4,564	4,564	<b>11.28</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
42	5,246	5,246	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
43	5,917	5,918	<b>7.67</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
44	4,798	4,799	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
45	5,345	5,345	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
46	5,180	5,181	<b>9.52</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
47	6,640	6,640	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
48	7,119	7,119	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
49	7,471	7,471	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
50	7,459	7,459	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
51	7,699	7,699	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
52	7,995	7,995	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
53	8,282	8,282	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
54	9,675	9,675	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
55	3,634	3,635	<b>14.35</b>	105.0	0.00	82.21	-	-	0.00	0.00	-	0.00
56	4,024	4,025	<b>12.99</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
57	4,088	4,089	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
58	4,458	4,458	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
59	5,673	5,673	<b>8.26</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
60	5,932	5,933	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
61	6,347	6,347	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
62	6,401	6,402	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
63	6,701	6,701	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
64	7,069	7,070	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
65	7,223	7,223	<b>4.86</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
66	4,656	4,656	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
67	6,374	6,374	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
68	6,461	6,462	<b>6.43</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
69	6,666	6,666	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
70	6,815	6,816	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
71	7,203	7,203	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
72	7,757	7,758	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
73	7,201	7,201	<b>4.91</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
74	7,393	7,393	<b>4.54</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
75	7,892	7,893	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
76	8,151	8,151	<b>3.16</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
77	9,264	9,264	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
78	9,030	9,030	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
79	10,394	10,394	<b>-0.22</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,172	11,172	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
81	11,671	11,671	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
82	11,790	11,790	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
83	12,503	12,503	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
84	13,153	13,153	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
85	13,375	13,375	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
86	13,719	13,720	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
87	12,600	12,600	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
88	12,097	12,097	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
89	12,796	12,796	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
90	12,841	12,841	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
91	13,337	13,337	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
92	13,508	13,509	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
93	13,194	13,194	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
94	12,905	12,905	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
95	12,948	12,948	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
96	13,626	13,626	<b>-3.92</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
97	14,538	14,538	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
98	14,226	14,226	<b>-4.51</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
99	14,359	14,359	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
100	14,931	14,931	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00

Sum 31.65

- Data undefined due to calculation with octave data

### Noise sensitive area: H311 H311

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,668	3,669	<b>14.23</b>	105.0	0.00	82.29	-	-	0.00	0.00	-	0.00
2	4,059	4,059	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
3	3,762	3,762	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
4	2,363	2,364	<b>19.81</b>	105.0	0.00	78.47	-	-	0.00	0.00	-	0.00
5	2,261	2,262	<b>20.40</b>	105.0	0.00	78.09	-	-	0.00	0.00	-	0.00
6	3,042	3,043	<b>16.66</b>	105.0	0.00	80.67	-	-	0.00	0.00	-	0.00
7	3,271	3,272	<b>15.73</b>	105.0	0.00	81.30	-	-	0.00	0.00	-	0.00
8	3,791	3,791	<b>13.79</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
9	2,846	2,846	<b>17.50</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
10	3,155	3,156	<b>16.19</b>	105.0	0.00	80.98	-	-	0.00	0.00	-	0.00
11	4,719	4,719	<b>10.82</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
12	3,786	3,786	<b>13.81</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00
13	4,512	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
14	5,416	5,416	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
15	5,245	5,245	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
16	3,292	3,292	<b>15.65</b>	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
17	4,732	4,732	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
18	5,473	5,473	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
19	4,420	4,420	<b>11.72</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
20	6,094	6,094	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
21	6,407	6,407	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
22	1,484	1,485	<b>25.81</b>	105.0	0.00	74.44	-	-	0.00	0.00	-	0.00
23	1,749	1,751	<b>23.74</b>	105.0	0.00	75.86	-	-	0.00	0.00	-	0.00
24	3,514	3,514	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
25	4,019	4,019	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
26	4,309	4,309	<b>12.06</b>	105.0	0.00	83.69	-	-	0.00	0.00	-	0.00
27	5,097	5,097	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
28	5,386	5,386	<b>8.98</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
29	5,977	5,977	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
30	6,490	6,490	<b>6.37</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	7,023	7,023	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
32	6,262	6,262	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
33	8,257	8,257	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
34	8,878	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
35	2,572	2,573	<b>18.74</b>	105.0	0.00	79.21	-	-	0.00	0.00	-	0.00
36	2,922	2,923	<b>17.16</b>	105.0	0.00	80.32	-	-	0.00	0.00	-	0.00
37	3,173	3,174	<b>16.12</b>	105.0	0.00	81.03	-	-	0.00	0.00	-	0.00
38	3,401	3,401	<b>15.22</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
39	3,587	3,588	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
40	3,881	3,882	<b>13.47</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
41	4,657	4,657	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
42	5,150	5,150	<b>9.61</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
43	5,811	5,811	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
44	4,811	4,811	<b>10.55</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
45	5,375	5,375	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
46	5,300	5,300	<b>9.21</b>	105.0	0.00	85.49	-	-	0.00	0.00	-	0.00
47	6,546	6,546	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
48	7,004	7,005	<b>5.30</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
49	7,328	7,329	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
50	7,434	7,434	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
51	7,640	7,640	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
52	7,909	7,909	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
53	8,108	8,108	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
54	9,481	9,481	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
55	4,233	4,234	<b>12.30</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
56	4,586	4,587	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
57	4,577	4,577	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
58	4,883	4,883	<b>10.34</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
59	5,919	5,920	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
60	6,142	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
61	6,459	6,459	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
62	6,625	6,626	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
63	6,893	6,893	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
64	7,161	7,161	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
65	7,265	7,265	<b>4.78</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
66	5,269	5,270	<b>9.29</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
67	6,827	6,827	<b>5.66</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
68	6,948	6,949	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
69	7,082	7,082	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
70	7,194	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
71	7,539	7,540	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
72	8,096	8,096	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
73	7,643	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
74	7,982	7,982	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
75	8,453	8,453	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
76	8,686	8,686	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
77	9,660	9,660	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
78	9,554	9,554	<b>0.94</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
79	10,854	10,854	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
80	11,510	11,510	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
81	12,057	12,057	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
82	12,154	12,154	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
83	12,792	12,792	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
84	13,475	13,475	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
85	13,679	13,680	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
86	14,013	14,013	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
87	13,090	13,090	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
88	12,517	12,517	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
89	13,217	13,217	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,235	13,235	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
91	13,760	13,760	<b>-4.06</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
92	13,912	13,912	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
93	13,545	13,545	<b>-3.84</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
94	13,464	13,465	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
95	13,488	13,488	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
96	14,157	14,157	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
97	14,999	14,999	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
98	14,661	14,661	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
99	14,770	14,770	<b>-5.01</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
100	15,369	15,369	<b>-5.54</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00

Sum 32.58

- Data undefined due to calculation with octave data

## Noise sensitive area: H312 H312

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,405	3,405	<b>15.21</b>	105.0	0.00	81.64	-	-	0.00	0.00	-	0.00
2	3,873	3,874	<b>13.50</b>	105.0	0.00	82.76	-	-	0.00	0.00	-	0.00
3	3,649	3,649	<b>14.30</b>	105.0	0.00	82.24	-	-	0.00	0.00	-	0.00
4	2,027	2,027	<b>21.85</b>	105.0	0.00	77.14	-	-	0.00	0.00	-	0.00
5	2,057	2,058	<b>21.65</b>	105.0	0.00	77.27	-	-	0.00	0.00	-	0.00
6	3,022	3,022	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
7	3,344	3,344	<b>15.44</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
8	3,947	3,947	<b>13.25</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
9	3,038	3,038	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
10	3,377	3,377	<b>15.32</b>	105.0	0.00	81.57	-	-	0.00	0.00	-	0.00
11	5,040	5,041	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
12	4,187	4,187	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
13	4,910	4,910	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
14	5,796	5,796	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
15	5,724	5,724	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
16	3,771	3,772	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
17	5,241	5,241	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
18	6,004	6,004	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
19	4,987	4,987	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
20	6,665	6,666	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
21	6,977	6,977	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
22	2,142	2,143	<b>21.12</b>	105.0	0.00	77.62	-	-	0.00	0.00	-	0.00
23	2,408	2,409	<b>19.55</b>	105.0	0.00	78.64	-	-	0.00	0.00	-	0.00
24	4,161	4,161	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
25	4,682	4,682	<b>10.93</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
26	4,951	4,952	<b>10.15</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
27	5,745	5,745	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
28	6,049	6,049	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
29	6,615	6,615	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
30	7,131	7,131	<b>5.04</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
31	7,663	7,663	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
32	6,919	6,919	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
33	8,901	8,901	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
34	9,528	9,528	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
35	3,182	3,183	<b>16.08</b>	105.0	0.00	81.06	-	-	0.00	0.00	-	0.00
36	3,563	3,563	<b>14.61</b>	105.0	0.00	82.04	-	-	0.00	0.00	-	0.00
37	3,741	3,741	<b>13.97</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
38	3,999	4,000	<b>13.07</b>	105.0	0.00	83.04	-	-	0.00	0.00	-	0.00
39	4,238	4,238	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
40	4,556	4,557	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,327	5,327	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
42	5,823	5,823	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
43	6,483	6,483	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
44	5,486	5,486	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
45	6,050	6,050	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
46	5,968	5,968	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
47	7,218	7,218	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
48	7,674	7,675	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
49	7,995	7,995	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
50	8,109	8,109	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
51	8,314	8,314	<b>2.89</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
52	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
53	8,770	8,770	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
54	10,138	10,138	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
55	4,735	4,736	<b>10.77</b>	105.0	0.00	84.51	-	-	0.00	0.00	-	0.00
56	5,111	5,112	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
57	5,140	5,141	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
58	5,475	5,475	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
59	6,568	6,568	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
60	6,798	6,798	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
61	7,129	7,129	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
62	7,279	7,280	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
63	7,553	7,553	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
64	7,833	7,833	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
65	7,940	7,940	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
66	5,764	5,764	<b>8.03</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
67	7,412	7,412	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
68	7,518	7,519	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
69	7,682	7,683	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
70	7,808	7,808	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
71	8,167	8,167	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
72	8,724	8,724	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
73	8,234	8,234	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
74	8,495	8,496	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
75	8,985	8,985	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
76	9,233	9,233	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
77	10,270	10,271	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
78	10,107	10,107	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
79	11,440	11,440	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
80	12,141	12,141	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
81	12,672	12,672	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
82	12,776	12,777	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
83	13,436	13,436	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
84	14,111	14,111	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
85	14,320	14,320	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
86	14,657	14,657	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
87	13,663	13,663	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
88	13,120	13,120	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
89	13,820	13,820	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
90	13,848	13,848	<b>-4.14</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
91	14,362	14,362	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
92	14,522	14,522	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
93	14,172	14,172	<b>-4.45</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
94	13,999	14,000	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
95	14,034	14,035	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
96	14,709	14,709	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
97	15,586	15,586	<b>-5.73</b>	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
98	15,259	15,259	<b>-5.45</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
99	15,377	15,377	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
100	15,965	15,966	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 30.99

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H313 H313

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,451	3,451	<b>15.03</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
	2	3,798	3,799	<b>13.76</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
	3	3,473	3,473	<b>14.95</b>	105.0	0.00	81.81	-	-	0.00	0.00	-	0.00
	4	2,214	2,214	<b>20.68</b>	105.0	0.00	77.90	-	-	0.00	0.00	-	0.00
	5	2,042	2,043	<b>21.75</b>	105.0	0.00	77.21	-	-	0.00	0.00	-	0.00
	6	2,725	2,726	<b>18.04</b>	105.0	0.00	79.71	-	-	0.00	0.00	-	0.00
	7	2,922	2,922	<b>17.17</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
	8	3,418	3,418	<b>15.16</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
	9	2,469	2,470	<b>19.23</b>	105.0	0.00	78.85	-	-	0.00	0.00	-	0.00
	10	2,772	2,773	<b>17.82</b>	105.0	0.00	79.86	-	-	0.00	0.00	-	0.00
	11	4,325	4,325	<b>12.01</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
	12	3,395	3,395	<b>15.25</b>	105.0	0.00	81.62	-	-	0.00	0.00	-	0.00
	13	4,121	4,121	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
	14	5,024	5,024	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
	15	4,869	4,869	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
	16	2,914	2,914	<b>17.20</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
	17	4,365	4,365	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
	18	5,115	5,115	<b>9.70</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
	19	4,079	4,079	<b>12.81</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
	20	5,757	5,757	<b>8.05</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
	21	6,069	6,069	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
	22	1,256	1,258	<b>27.83</b>	105.0	0.00	73.00	-	-	0.00	0.00	-	0.00
	23	1,718	1,720	<b>23.96</b>	105.0	0.00	75.71	-	-	0.00	0.00	-	0.00
	24	3,252	3,252	<b>15.80</b>	105.0	0.00	81.24	-	-	0.00	0.00	-	0.00
	25	3,789	3,790	<b>13.79</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
	26	4,038	4,038	<b>12.94</b>	105.0	0.00	83.12	-	-	0.00	0.00	-	0.00
	27	4,835	4,835	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
	28	5,155	5,156	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
	29	5,700	5,700	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
	30	6,216	6,216	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
	31	6,747	6,748	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
	32	6,015	6,015	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
	33	7,987	7,987	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
	34	8,618	8,618	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
	35	2,620	2,621	<b>18.52</b>	105.0	0.00	79.37	-	-	0.00	0.00	-	0.00
	36	2,912	2,913	<b>17.21</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
	37	3,265	3,266	<b>15.75</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
	38	3,452	3,453	<b>15.03</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
	39	3,547	3,548	<b>14.67</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
	40	3,744	3,745	<b>13.95</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00
	41	4,551	4,551	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
	42	4,958	4,958	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
	43	5,611	5,611	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
	44	4,668	4,669	<b>10.96</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
	45	5,234	5,235	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
	46	5,199	5,200	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
	47	6,346	6,346	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
	48	6,794	6,794	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
	49	7,106	7,106	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
	50	7,258	7,258	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
	51	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
	52	7,706	7,707	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
	53	7,871	7,871	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
	54	9,233	9,233	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
	55	4,378	4,378	<b>11.85</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
	56	4,708	4,709	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
	57	4,660	4,660	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
	58	4,931	4,931	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
	59	5,872	5,872	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	6,077	6,077	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
61	6,347	6,347	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
62	6,564	6,564	<b>6.21</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
63	6,815	6,815	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
64	7,036	7,037	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
65	7,118	7,119	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
66	5,413	5,414	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
67	6,876	6,876	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
68	7,014	7,015	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
69	7,111	7,111	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
70	7,203	7,203	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
71	7,526	7,527	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
72	8,081	8,082	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
73	7,683	7,683	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
74	8,100	8,100	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
75	8,553	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
76	8,772	8,772	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
77	9,670	9,670	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
78	9,631	9,631	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
79	10,895	10,895	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
80	11,487	11,487	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
81	12,056	12,057	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
82	12,142	12,142	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
83	12,743	12,743	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
84	13,440	13,441	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
85	13,637	13,637	<b>-3.94</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
86	13,965	13,965	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
87	13,143	13,144	<b>-3.44</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
88	12,534	12,534	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
89	13,233	13,233	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
90	13,237	13,237	<b>-3.53</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
91	13,776	13,776	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
92	13,919	13,919	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
93	13,525	13,525	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
94	13,555	13,556	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
95	13,567	13,567	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
96	14,231	14,232	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
97	15,034	15,034	<b>-5.25</b>	105.0	0.00	94.54	-	-	0.00	0.00	-	0.00
98	14,682	14,683	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
99	14,779	14,779	<b>-5.02</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
100	15,391	15,391	<b>-5.56</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00

Sum 33.59

- Data undefined due to calculation with octave data

### Noise sensitive area: H314 H314

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,037	3,038	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
2	3,270	3,271	<b>15.73</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00
3	2,881	2,882	<b>17.34</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
4	2,042	2,044	<b>21.74</b>	105.0	0.00	77.21	-	-	0.00	0.00	-	0.00
5	1,715	1,717	<b>23.99</b>	105.0	0.00	75.69	-	-	0.00	0.00	-	0.00
6	2,081	2,082	<b>21.50</b>	105.0	0.00	77.37	-	-	0.00	0.00	-	0.00
7	2,183	2,185	<b>20.86</b>	105.0	0.00	77.79	-	-	0.00	0.00	-	0.00
8	2,615	2,616	<b>18.54</b>	105.0	0.00	79.35	-	-	0.00	0.00	-	0.00
9	1,665	1,668	<b>24.36</b>	105.0	0.00	75.44	-	-	0.00	0.00	-	0.00
10	1,950	1,952	<b>22.34</b>	105.0	0.00	76.81	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	3,490	3,490	<b>14.88</b>	105.0	0.00	81.86	-	-	0.00	0.00	-	0.00
12	2,582	2,583	<b>18.69</b>	105.0	0.00	79.24	-	-	0.00	0.00	-	0.00
13	3,308	3,308	<b>15.58</b>	105.0	0.00	81.39	-	-	0.00	0.00	-	0.00
14	4,204	4,205	<b>12.40</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
15	4,111	4,111	<b>12.70</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
16	2,163	2,164	<b>20.99</b>	105.0	0.00	77.70	-	-	0.00	0.00	-	0.00
17	3,640	3,640	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
18	4,413	4,414	<b>11.74</b>	105.0	0.00	83.90	-	-	0.00	0.00	-	0.00
19	3,442	3,443	<b>15.06</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
20	5,115	5,115	<b>9.70</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
21	5,421	5,422	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
22	1,205	1,209	<b>28.31</b>	105.0	0.00	72.65	-	-	0.00	0.00	-	0.00
23	2,002	2,005	<b>21.99</b>	105.0	0.00	77.04	-	-	0.00	0.00	-	0.00
24	2,867	2,868	<b>17.40</b>	105.0	0.00	80.15	-	-	0.00	0.00	-	0.00
25	3,474	3,475	<b>14.94</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
26	3,605	3,606	<b>14.46</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
27	4,410	4,410	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
28	4,806	4,807	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
29	5,222	5,223	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
30	5,742	5,742	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
31	6,266	6,266	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
32	5,612	5,612	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
33	7,509	7,509	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
34	8,162	8,162	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
35	2,966	2,968	<b>16.97</b>	105.0	0.00	80.45	-	-	0.00	0.00	-	0.00
36	3,132	3,133	<b>16.28</b>	105.0	0.00	80.92	-	-	0.00	0.00	-	0.00
37	3,661	3,663	<b>14.25</b>	105.0	0.00	82.28	-	-	0.00	0.00	-	0.00
38	3,767	3,768	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
39	3,679	3,680	<b>14.19</b>	105.0	0.00	82.32	-	-	0.00	0.00	-	0.00
40	3,655	3,656	<b>14.27</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00
41	4,509	4,509	<b>11.44</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
42	4,707	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
43	5,327	5,327	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
44	4,539	4,540	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
45	5,099	5,100	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
46	5,155	5,156	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
47	6,054	6,055	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
48	6,473	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
49	6,753	6,754	<b>5.81</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
50	7,016	7,016	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
51	7,171	7,172	<b>4.96</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
52	7,398	7,398	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
53	7,477	7,478	<b>4.38</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
54	8,805	8,805	<b>2.08</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
55	4,839	4,840	<b>10.47</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
56	5,122	5,123	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
57	5,003	5,004	<b>10.01</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
58	5,201	5,202	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
59	5,933	5,933	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
60	6,095	6,096	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
61	6,259	6,260	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
62	6,584	6,584	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
63	6,798	6,798	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
64	6,913	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
65	6,945	6,945	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
66	5,859	5,859	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
67	7,122	7,123	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
68	7,293	7,294	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
69	7,314	7,314	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,366	7,366	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
71	7,640	7,641	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
72	8,188	8,189	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
73	7,904	7,904	<b>3.60</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
74	8,472	8,473	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
75	8,888	8,889	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
76	9,077	9,078	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
77	9,816	9,816	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
78	9,915	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
79	11,098	11,099	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
80	11,556	11,557	<b>-1.68</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
81	12,172	12,172	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
82	12,234	12,234	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
83	12,753	12,754	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
84	13,480	13,480	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
85	13,659	13,659	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
86	13,973	13,974	<b>-4.26</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
87	13,366	13,366	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
88	12,683	12,683	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
89	13,379	13,379	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
90	13,354	13,354	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
91	13,922	13,922	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
92	14,043	14,043	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
93	13,594	13,595	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
94	13,854	13,854	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
95	13,842	13,842	<b>-4.14</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
96	14,494	14,495	<b>-4.76</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
97	15,215	15,215	<b>-5.41</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
98	14,836	14,836	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
99	14,906	14,906	<b>-5.13</b>	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
100	15,545	15,546	<b>-5.69</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00

Sum 34.94

- Data undefined due to calculation with octave data

### Noise sensitive area: H315 H315

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,440	3,440	<b>15.07</b>	105.0	0.00	81.73	-	-	0.00	0.00	-	0.00
2	3,610	3,611	<b>14.44</b>	105.0	0.00	82.15	-	-	0.00	0.00	-	0.00
3	3,186	3,187	<b>16.06</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
4	2,533	2,534	<b>18.92</b>	105.0	0.00	79.08	-	-	0.00	0.00	-	0.00
5	2,178	2,179	<b>20.89</b>	105.0	0.00	77.77	-	-	0.00	0.00	-	0.00
6	2,368	2,370	<b>19.78</b>	105.0	0.00	78.49	-	-	0.00	0.00	-	0.00
7	2,368	2,369	<b>19.78</b>	105.0	0.00	78.49	-	-	0.00	0.00	-	0.00
8	2,674	2,675	<b>18.27</b>	105.0	0.00	79.55	-	-	0.00	0.00	-	0.00
9	1,759	1,761	<b>23.67</b>	105.0	0.00	75.91	-	-	0.00	0.00	-	0.00
10	1,975	1,977	<b>22.18</b>	105.0	0.00	76.92	-	-	0.00	0.00	-	0.00
11	3,325	3,325	<b>15.52</b>	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
12	2,334	2,335	<b>19.97</b>	105.0	0.00	78.37	-	-	0.00	0.00	-	0.00
13	3,055	3,055	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
14	3,965	3,965	<b>13.19</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
15	3,763	3,764	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
16	1,809	1,810	<b>23.31</b>	105.0	0.00	76.16	-	-	0.00	0.00	-	0.00
17	3,257	3,257	<b>15.78</b>	105.0	0.00	81.26	-	-	0.00	0.00	-	0.00
18	4,011	4,011	<b>13.03</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
19	2,996	2,996	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
20	4,675	4,675	<b>10.95</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	4,985	4,985	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
22	836	841	<b>32.55</b>	105.0	0.00	69.50	-	-	0.00	0.00	-	0.00
23	1,716	1,719	<b>23.97</b>	105.0	0.00	75.70	-	-	0.00	0.00	-	0.00
24	2,356	2,357	<b>19.85</b>	105.0	0.00	78.45	-	-	0.00	0.00	-	0.00
25	2,962	2,963	<b>16.99</b>	105.0	0.00	80.44	-	-	0.00	0.00	-	0.00
26	3,098	3,099	<b>16.42</b>	105.0	0.00	80.83	-	-	0.00	0.00	-	0.00
27	3,904	3,904	<b>13.40</b>	105.0	0.00	82.83	-	-	0.00	0.00	-	0.00
28	4,295	4,296	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
29	4,725	4,726	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
30	5,245	5,245	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
31	5,771	5,771	<b>8.02</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
32	5,105	5,105	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
33	7,014	7,014	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
34	7,664	7,664	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
35	2,666	2,668	<b>18.30</b>	105.0	0.00	79.52	-	-	0.00	0.00	-	0.00
36	2,764	2,766	<b>17.86</b>	105.0	0.00	79.84	-	-	0.00	0.00	-	0.00
37	3,372	3,373	<b>15.33</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
38	3,433	3,434	<b>15.10</b>	105.0	0.00	81.72	-	-	0.00	0.00	-	0.00
39	3,264	3,266	<b>15.75</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
40	3,174	3,174	<b>16.12</b>	105.0	0.00	81.03	-	-	0.00	0.00	-	0.00
41	4,033	4,034	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
42	4,198	4,198	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
43	4,816	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
44	4,046	4,046	<b>12.92</b>	105.0	0.00	83.14	-	-	0.00	0.00	-	0.00
45	4,603	4,603	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
46	4,677	4,677	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
47	5,543	5,543	<b>8.58</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
48	5,962	5,962	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
49	6,243	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
50	6,506	6,506	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
51	6,660	6,660	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
52	6,886	6,886	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
53	6,970	6,970	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
54	8,302	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
55	4,570	4,571	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
56	4,822	4,823	<b>10.52</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
57	4,667	4,668	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
58	4,828	4,829	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
59	5,478	5,479	<b>8.74</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
60	5,628	5,629	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
61	5,768	5,769	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
62	6,116	6,116	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
63	6,320	6,321	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
64	6,416	6,416	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
65	6,440	6,441	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
66	5,570	5,571	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
67	6,729	6,730	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
68	6,913	6,913	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
69	6,902	6,903	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
70	6,939	6,940	<b>5.43</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
71	7,197	7,197	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
72	7,741	7,742	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
73	7,497	7,498	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
74	8,132	8,133	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
75	8,528	8,529	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
76	8,703	8,703	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
77	9,378	9,379	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
78	9,530	9,530	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
79	10,679	10,679	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,094	11,094	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
81	11,722	11,722	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
82	11,777	11,778	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
83	12,276	12,276	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
84	13,009	13,009	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
85	13,183	13,183	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
86	13,494	13,495	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
87	12,951	12,951	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
88	12,243	12,243	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
89	12,937	12,937	<b>-3.22</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
90	12,903	12,903	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
91	13,479	13,480	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
92	13,594	13,594	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
93	13,130	13,131	<b>-3.42</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
94	13,468	13,469	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
95	13,447	13,448	<b>-3.75</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
96	14,094	14,094	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
97	14,784	14,784	<b>-5.02</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
98	14,396	14,396	<b>-4.67</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
99	14,457	14,457	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
100	15,105	15,105	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00

Sum 36.42

- Data undefined due to calculation with octave data

### Noise sensitive area: H316 H316

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,697	2,698	<b>18.16</b>	105.0	0.00	79.62	-	-	0.00	0.00	-	0.00
2	2,940	2,942	<b>17.08</b>	105.0	0.00	80.37	-	-	0.00	0.00	-	0.00
3	2,562	2,564	<b>18.78</b>	105.0	0.00	79.18	-	-	0.00	0.00	-	0.00
4	1,724	1,726	<b>23.92</b>	105.0	0.00	75.74	-	-	0.00	0.00	-	0.00
5	1,380	1,382	<b>26.69</b>	105.0	0.00	73.81	-	-	0.00	0.00	-	0.00
6	1,774	1,776	<b>23.56</b>	105.0	0.00	75.99	-	-	0.00	0.00	-	0.00
7	1,923	1,925	<b>22.52</b>	105.0	0.00	76.69	-	-	0.00	0.00	-	0.00
8	2,416	2,418	<b>19.51</b>	105.0	0.00	78.67	-	-	0.00	0.00	-	0.00
9	1,471	1,474	<b>25.90</b>	105.0	0.00	74.37	-	-	0.00	0.00	-	0.00
10	1,788	1,790	<b>23.45</b>	105.0	0.00	76.06	-	-	0.00	0.00	-	0.00
11	3,418	3,419	<b>15.16</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
12	2,583	2,584	<b>18.69</b>	105.0	0.00	79.25	-	-	0.00	0.00	-	0.00
13	3,301	3,302	<b>15.61</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
14	4,179	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
15	4,171	4,172	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
16	2,254	2,255	<b>20.44</b>	105.0	0.00	78.06	-	-	0.00	0.00	-	0.00
17	3,734	3,735	<b>13.99</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
18	4,521	4,521	<b>11.41</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
19	3,600	3,601	<b>14.47</b>	105.0	0.00	82.13	-	-	0.00	0.00	-	0.00
20	5,259	5,259	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
21	5,560	5,561	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
22	1,546	1,549	<b>25.28</b>	105.0	0.00	74.80	-	-	0.00	0.00	-	0.00
23	2,337	2,339	<b>19.95</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
24	3,136	3,137	<b>16.27</b>	105.0	0.00	80.93	-	-	0.00	0.00	-	0.00
25	3,756	3,757	<b>13.91</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
26	3,852	3,853	<b>13.57</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00
27	4,654	4,655	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
28	5,072	5,073	<b>9.82</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
29	5,445	5,445	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
30	5,963	5,964	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	6,482	6,483	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
32	5,859	5,859	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
33	7,723	7,724	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
34	8,385	8,385	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
35	3,300	3,301	<b>15.61</b>	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00
36	3,472	3,473	<b>14.95</b>	105.0	0.00	81.81	-	-	0.00	0.00	-	0.00
37	3,992	3,994	<b>13.09</b>	105.0	0.00	83.03	-	-	0.00	0.00	-	0.00
38	4,105	4,106	<b>12.72</b>	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
39	4,019	4,020	<b>13.00</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
40	3,978	3,979	<b>13.14</b>	105.0	0.00	83.00	-	-	0.00	0.00	-	0.00
41	4,835	4,836	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
42	4,998	4,999	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
43	5,608	5,609	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
44	4,854	4,855	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
45	5,412	5,412	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
46	5,480	5,481	<b>8.74</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
47	6,332	6,333	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
48	6,742	6,743	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
49	7,012	7,013	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
50	7,303	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
51	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
52	7,668	7,668	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
53	7,722	7,723	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
54	9,036	9,036	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
55	5,164	5,165	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
56	5,453	5,454	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
57	5,340	5,341	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
58	5,541	5,542	<b>8.58</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
59	6,267	6,268	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
60	6,425	6,426	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
61	6,577	6,577	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
62	6,914	6,914	<b>5.48</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
63	7,124	7,124	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
64	7,224	7,225	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
65	7,246	7,247	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
66	6,187	6,188	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
67	7,463	7,464	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
68	7,634	7,634	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
69	7,654	7,655	<b>4.05</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
70	7,705	7,706	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
71	7,977	7,978	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
72	8,524	8,525	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
73	8,244	8,245	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
74	8,809	8,810	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
75	9,227	9,227	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
76	9,417	9,418	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
77	10,154	10,154	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
78	10,256	10,256	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
79	11,439	11,439	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
80	11,889	11,889	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
81	12,508	12,508	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
82	12,568	12,569	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
83	13,079	13,080	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
84	13,809	13,809	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
85	13,986	13,986	<b>-4.28</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
86	14,299	14,299	<b>-4.57</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
87	13,706	13,707	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
88	13,020	13,021	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
89	13,716	13,717	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,690	13,690	<b>-3.99</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
91	14,259	14,259	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
92	14,379	14,379	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
93	13,926	13,927	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
94	14,194	14,194	<b>-4.48</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
95	14,183	14,183	<b>-4.46</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
96	14,835	14,835	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
97	15,554	15,555	<b>-5.70</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
98	15,174	15,174	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
99	15,242	15,242	<b>-5.43</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
100	15,883	15,884	<b>-5.98</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00

Sum 35.16

- Data undefined due to calculation with octave data

### Noise sensitive area: H317 H317

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,107	3,108	<b>16.39</b>	105.0	0.00	80.85	-	-	0.00	0.00	-	0.00
2	3,114	3,116	<b>16.36</b>	105.0	0.00	80.87	-	-	0.00	0.00	-	0.00
3	2,639	2,640	<b>18.43</b>	105.0	0.00	79.43	-	-	0.00	0.00	-	0.00
4	2,591	2,592	<b>18.65</b>	105.0	0.00	79.27	-	-	0.00	0.00	-	0.00
5	2,145	2,147	<b>21.09</b>	105.0	0.00	77.63	-	-	0.00	0.00	-	0.00
6	1,850	1,852	<b>23.02</b>	105.0	0.00	76.35	-	-	0.00	0.00	-	0.00
7	1,666	1,669	<b>24.35</b>	105.0	0.00	75.45	-	-	0.00	0.00	-	0.00
8	1,798	1,799	<b>23.39</b>	105.0	0.00	76.10	-	-	0.00	0.00	-	0.00
9	993	997	<b>30.59</b>	105.0	0.00	70.97	-	-	0.00	0.00	-	0.00
10	1,098	1,102	<b>29.42</b>	105.0	0.00	71.84	-	-	0.00	0.00	-	0.00
11	2,375	2,376	<b>19.74</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
12	1,437	1,439	<b>26.20</b>	105.0	0.00	74.16	-	-	0.00	0.00	-	0.00
13	2,163	2,164	<b>20.99</b>	105.0	0.00	77.70	-	-	0.00	0.00	-	0.00
14	3,061	3,062	<b>16.58</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
15	3,000	3,000	<b>16.84</b>	105.0	0.00	80.54	-	-	0.00	0.00	-	0.00
16	1,099	1,101	<b>29.42</b>	105.0	0.00	71.84	-	-	0.00	0.00	-	0.00
17	2,571	2,572	<b>18.75</b>	105.0	0.00	79.20	-	-	0.00	0.00	-	0.00
18	3,363	3,363	<b>15.37</b>	105.0	0.00	81.54	-	-	0.00	0.00	-	0.00
19	2,505	2,506	<b>19.06</b>	105.0	0.00	78.98	-	-	0.00	0.00	-	0.00
20	4,131	4,131	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
21	4,425	4,425	<b>11.70</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
22	1,675	1,678	<b>24.28</b>	105.0	0.00	75.49	-	-	0.00	0.00	-	0.00
23	2,565	2,567	<b>18.77</b>	105.0	0.00	79.19	-	-	0.00	0.00	-	0.00
24	2,384	2,385	<b>19.69</b>	105.0	0.00	78.55	-	-	0.00	0.00	-	0.00
25	3,035	3,036	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
26	2,976	2,977	<b>16.93</b>	105.0	0.00	80.48	-	-	0.00	0.00	-	0.00
27	3,748	3,749	<b>13.94</b>	105.0	0.00	82.48	-	-	0.00	0.00	-	0.00
28	4,238	4,239	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
29	4,458	4,459	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
30	4,969	4,969	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
31	5,473	5,473	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
32	4,941	4,941	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
33	6,703	6,703	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
34	7,378	7,379	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
35	3,467	3,468	<b>14.97</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
36	3,464	3,465	<b>14.98</b>	105.0	0.00	81.79	-	-	0.00	0.00	-	0.00
37	4,168	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
38	4,167	4,168	<b>12.52</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
39	3,850	3,851	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
40	3,530	3,531	<b>14.73</b>	105.0	0.00	81.96	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	4,390	4,390	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
42	4,283	4,284	<b>12.14</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
43	4,832	4,832	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
44	4,298	4,298	<b>12.10</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
45	4,822	4,822	<b>10.52</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
46	5,002	5,003	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
47	5,527	5,527	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
48	5,895	5,895	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
49	6,125	6,125	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
50	6,533	6,534	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
51	6,636	6,637	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
52	6,817	6,818	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
53	6,782	6,782	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
54	8,049	8,049	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
55	5,373	5,374	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
56	5,585	5,586	<b>8.47</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
57	5,377	5,378	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
58	5,471	5,472	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
59	5,893	5,894	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
60	5,993	5,993	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
61	6,007	6,008	<b>7.45</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
62	6,470	6,470	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
63	6,627	6,628	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
64	6,595	6,596	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
65	6,557	6,557	<b>6.22</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
66	6,341	6,342	<b>6.69</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
67	7,305	7,306	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
68	7,517	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
69	7,434	7,434	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
70	7,429	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
71	7,631	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
72	8,159	8,159	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
73	8,036	8,037	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
74	8,806	8,807	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
75	9,164	9,165	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
76	9,309	9,309	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
77	9,818	9,819	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
78	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
79	11,167	11,168	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
80	11,436	11,436	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
81	12,109	12,109	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
82	12,139	12,139	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
83	12,543	12,543	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
84	13,305	13,305	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
85	13,457	13,458	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
86	13,753	13,753	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
87	13,443	13,444	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
88	12,663	12,663	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
89	13,350	13,350	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
90	13,285	13,285	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
91	13,889	13,889	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
92	13,979	13,980	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
93	13,459	13,459	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
94	14,035	14,035	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
95	13,991	13,991	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
96	14,622	14,623	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
97	15,224	15,225	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
98	14,809	14,810	<b>-5.05</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
99	14,842	14,842	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
100	15,516	15,516	<b>-5.67</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00

Sum 37.70



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H318 H318

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,771	3,772	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
	2	3,709	3,710	<b>14.08</b>	105.0	0.00	82.39	-	-	0.00	0.00	-	0.00
	3	3,219	3,220	<b>15.93</b>	105.0	0.00	81.16	-	-	0.00	0.00	-	0.00
	4	3,325	3,327	<b>15.51</b>	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
	5	2,878	2,879	<b>17.35</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
	6	2,478	2,480	<b>19.19</b>	105.0	0.00	78.89	-	-	0.00	0.00	-	0.00
	7	2,192	2,194	<b>20.81</b>	105.0	0.00	77.82	-	-	0.00	0.00	-	0.00
	8	2,097	2,099	<b>21.39</b>	105.0	0.00	77.44	-	-	0.00	0.00	-	0.00
	9	1,541	1,544	<b>25.32</b>	105.0	0.00	74.77	-	-	0.00	0.00	-	0.00
	10	1,488	1,491	<b>25.76</b>	105.0	0.00	74.47	-	-	0.00	0.00	-	0.00
	11	2,153	2,154	<b>21.05</b>	105.0	0.00	77.66	-	-	0.00	0.00	-	0.00
	12	1,078	1,080	<b>29.65</b>	105.0	0.00	71.67	-	-	0.00	0.00	-	0.00
	13	1,755	1,756	<b>23.70</b>	105.0	0.00	75.89	-	-	0.00	0.00	-	0.00
	14	2,664	2,665	<b>18.31</b>	105.0	0.00	79.51	-	-	0.00	0.00	-	0.00
	15	2,402	2,403	<b>19.59</b>	105.0	0.00	78.61	-	-	0.00	0.00	-	0.00
	16	447	454	<b>39.26</b>	105.0	0.00	64.15	-	-	0.00	0.00	-	0.00
	17	1,912	1,913	<b>22.60</b>	105.0	0.00	76.63	-	-	0.00	0.00	-	0.00
	18	2,687	2,688	<b>18.21</b>	105.0	0.00	79.59	-	-	0.00	0.00	-	0.00
	19	1,774	1,776	<b>23.56</b>	105.0	0.00	75.99	-	-	0.00	0.00	-	0.00
	20	3,418	3,419	<b>15.15</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
	21	3,718	3,719	<b>14.05</b>	105.0	0.00	82.41	-	-	0.00	0.00	-	0.00
	22	1,786	1,789	<b>23.46</b>	105.0	0.00	76.05	-	-	0.00	0.00	-	0.00
	23	2,590	2,592	<b>18.65</b>	105.0	0.00	79.27	-	-	0.00	0.00	-	0.00
	24	1,781	1,783	<b>23.51</b>	105.0	0.00	76.02	-	-	0.00	0.00	-	0.00
	25	2,423	2,425	<b>19.47</b>	105.0	0.00	78.69	-	-	0.00	0.00	-	0.00
	26	2,288	2,289	<b>20.24</b>	105.0	0.00	78.19	-	-	0.00	0.00	-	0.00
	27	3,040	3,041	<b>16.67</b>	105.0	0.00	80.66	-	-	0.00	0.00	-	0.00
	28	3,552	3,552	<b>14.65</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
	29	3,728	3,728	<b>14.01</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
	30	4,237	4,237	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
	31	4,739	4,739	<b>10.76</b>	105.0	0.00	84.51	-	-	0.00	0.00	-	0.00
	32	4,223	4,224	<b>12.33</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
	33	5,968	5,968	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
	34	6,644	6,644	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
	35	3,381	3,382	<b>15.30</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
	36	3,268	3,270	<b>15.74</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00
	37	4,054	4,055	<b>12.89</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
	38	3,981	3,982	<b>13.13</b>	105.0	0.00	83.00	-	-	0.00	0.00	-	0.00
	39	3,534	3,536	<b>14.71</b>	105.0	0.00	81.97	-	-	0.00	0.00	-	0.00
	40	3,058	3,059	<b>16.59</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
	41	3,893	3,894	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
	42	3,648	3,649	<b>14.30</b>	105.0	0.00	82.24	-	-	0.00	0.00	-	0.00
	43	4,164	4,164	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
	44	3,742	3,743	<b>13.96</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
	45	4,240	4,240	<b>12.28</b>	105.0	0.00	83.55	-	-	0.00	0.00	-	0.00
	46	4,475	4,476	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
	47	4,843	4,843	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
	48	5,195	5,196	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
	49	5,413	5,413	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
	50	5,858	5,858	<b>7.81</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
	51	5,945	5,945	<b>7.60</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
	52	6,114	6,114	<b>7.21</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
	53	6,056	6,057	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
	54	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
	55	5,241	5,242	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
	56	5,399	5,401	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
	57	5,138	5,140	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
	58	5,166	5,167	<b>9.56</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
	59	5,408	5,409	<b>8.92</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	5,475	5,476	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
61	5,421	5,422	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
62	5,941	5,942	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
63	6,071	6,072	<b>7.31</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
64	5,977	5,978	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
65	5,912	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
66	6,155	6,156	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
67	6,922	6,923	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
68	7,154	7,155	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
69	7,014	7,014	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
70	6,979	6,979	<b>5.35</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
71	7,142	7,143	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
72	7,656	7,657	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
73	7,618	7,618	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
74	8,497	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
75	8,818	8,818	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
76	8,936	8,937	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
77	9,321	9,321	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
78	9,708	9,708	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
79	10,697	10,697	<b>-0.62</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
80	10,876	10,876	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
81	11,573	11,573	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
82	11,588	11,588	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
83	11,943	11,944	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
84	12,717	12,718	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
85	12,860	12,860	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
86	13,147	13,147	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
87	12,970	12,970	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
88	12,144	12,145	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
89	12,825	12,826	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
90	12,742	12,743	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
91	13,361	13,362	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
92	13,438	13,439	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
93	12,888	12,888	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
94	13,614	13,614	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
95	13,552	13,553	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
96	14,171	14,172	<b>-4.45</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
97	14,714	14,714	<b>-4.96</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
98	14,283	14,283	<b>-4.56</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
99	14,299	14,299	<b>-4.57</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
100	14,987	14,987	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00

Sum 41.14

- Data undefined due to calculation with octave data

### Noise sensitive area: H319 H319

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,943	4,944	<b>10.17</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
2	4,775	4,776	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
3	4,280	4,282	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
4	4,643	4,644	<b>11.04</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
5	4,188	4,189	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
6	3,636	3,637	<b>14.34</b>	105.0	0.00	82.21	-	-	0.00	0.00	-	0.00
7	3,247	3,249	<b>15.82</b>	105.0	0.00	81.23	-	-	0.00	0.00	-	0.00
8	2,897	2,898	<b>17.27</b>	105.0	0.00	80.24	-	-	0.00	0.00	-	0.00
9	2,688	2,690	<b>18.20</b>	105.0	0.00	79.59	-	-	0.00	0.00	-	0.00
10	2,503	2,505	<b>19.06</b>	105.0	0.00	78.98	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	2,133	2,135	<b>21.17</b>	105.0	0.00	77.59	-	-	0.00	0.00	-	0.00
12	1,338	1,340	<b>27.07</b>	105.0	0.00	73.55	-	-	0.00	0.00	-	0.00
13	1,482	1,484	<b>25.82</b>	105.0	0.00	74.43	-	-	0.00	0.00	-	0.00
14	2,149	2,150	<b>21.07</b>	105.0	0.00	77.65	-	-	0.00	0.00	-	0.00
15	1,411	1,413	<b>26.42</b>	105.0	0.00	74.00	-	-	0.00	0.00	-	0.00
16	1,001	1,004	<b>30.50</b>	105.0	0.00	71.04	-	-	0.00	0.00	-	0.00
17	805	808	<b>33.00</b>	105.0	0.00	69.15	-	-	0.00	0.00	-	0.00
18	1,443	1,445	<b>26.15</b>	105.0	0.00	74.20	-	-	0.00	0.00	-	0.00
19	442	449	<b>39.38</b>	105.0	0.00	64.04	-	-	0.00	0.00	-	0.00
20	2,090	2,091	<b>21.44</b>	105.0	0.00	77.41	-	-	0.00	0.00	-	0.00
21	2,396	2,397	<b>19.62</b>	105.0	0.00	78.59	-	-	0.00	0.00	-	0.00
22	2,730	2,732	<b>18.01</b>	105.0	0.00	79.73	-	-	0.00	0.00	-	0.00
23	3,308	3,310	<b>15.58</b>	105.0	0.00	81.40	-	-	0.00	0.00	-	0.00
24	1,416	1,419	<b>26.37</b>	105.0	0.00	74.04	-	-	0.00	0.00	-	0.00
25	1,839	1,841	<b>23.10</b>	105.0	0.00	76.30	-	-	0.00	0.00	-	0.00
26	1,397	1,400	<b>26.54</b>	105.0	0.00	73.92	-	-	0.00	0.00	-	0.00
27	1,958	1,960	<b>22.28</b>	105.0	0.00	76.85	-	-	0.00	0.00	-	0.00
28	2,546	2,548	<b>18.86</b>	105.0	0.00	79.12	-	-	0.00	0.00	-	0.00
29	2,484	2,485	<b>19.16</b>	105.0	0.00	78.91	-	-	0.00	0.00	-	0.00
30	2,973	2,974	<b>16.95</b>	105.0	0.00	80.47	-	-	0.00	0.00	-	0.00
31	3,453	3,454	<b>15.02</b>	105.0	0.00	81.77	-	-	0.00	0.00	-	0.00
32	3,053	3,054	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
33	4,665	4,666	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
34	5,349	5,350	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
35	3,845	3,846	<b>13.60</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
36	3,557	3,559	<b>14.63</b>	105.0	0.00	82.03	-	-	0.00	0.00	-	0.00
37	4,413	4,414	<b>11.73</b>	105.0	0.00	83.90	-	-	0.00	0.00	-	0.00
38	4,220	4,221	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
39	3,563	3,565	<b>14.61</b>	105.0	0.00	82.04	-	-	0.00	0.00	-	0.00
40	2,787	2,789	<b>17.75</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
41	3,468	3,469	<b>14.96</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
42	2,831	2,833	<b>17.56</b>	105.0	0.00	80.05	-	-	0.00	0.00	-	0.00
43	3,201	3,202	<b>16.00</b>	105.0	0.00	81.11	-	-	0.00	0.00	-	0.00
44	3,169	3,171	<b>16.13</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
45	3,555	3,556	<b>14.64</b>	105.0	0.00	82.02	-	-	0.00	0.00	-	0.00
46	3,930	3,932	<b>13.30</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
47	3,801	3,802	<b>13.75</b>	105.0	0.00	82.60	-	-	0.00	0.00	-	0.00
48	4,085	4,086	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
49	4,248	4,249	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
50	4,825	4,826	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
51	4,856	4,857	<b>10.42</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
52	4,978	4,979	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
53	4,824	4,824	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
54	6,034	6,034	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
55	5,501	5,502	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
56	5,555	5,556	<b>8.55</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
57	5,205	5,207	<b>9.45</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00
58	5,099	5,100	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
59	4,926	4,927	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
60	4,909	4,910	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
61	4,673	4,674	<b>10.95</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
62	5,330	5,332	<b>9.12</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
63	5,384	5,385	<b>8.98</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
64	5,122	5,123	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
65	4,980	4,981	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
66	6,280	6,281	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
67	6,622	6,623	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
68	6,894	6,895	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
69	6,632	6,633	<b>6.06</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,529	6,530	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
71	6,598	6,599	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
72	7,068	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
73	7,225	7,225	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
74	8,320	8,321	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
75	8,557	8,558	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
76	8,618	8,619	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
77	8,720	8,721	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
78	9,320	9,321	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
79	10,143	10,144	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
80	10,110	10,111	<b>0.16</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
81	10,859	10,859	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
82	10,839	10,839	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
83	11,071	11,072	<b>-1.10</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
84	11,872	11,873	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
85	11,988	11,988	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
86	12,253	12,254	<b>-2.48</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
87	12,391	12,391	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
88	11,468	11,469	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
89	12,131	12,131	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
90	12,006	12,007	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
91	12,657	12,657	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
92	12,701	12,701	<b>-2.97</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
93	12,082	12,082	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
94	13,145	13,145	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
95	13,047	13,047	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
96	13,635	13,635	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
97	14,041	14,042	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
98	13,576	13,577	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
99	13,553	13,554	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
100	14,271	14,271	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00

Sum 42.22

- Data undefined due to calculation with octave data

### Noise sensitive area: H320 H320

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,133	5,134	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
2	5,047	5,048	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
3	4,553	4,554	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
4	4,643	4,644	<b>11.04</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
5	4,209	4,210	<b>12.38</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
6	3,835	3,836	<b>13.63</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
7	3,515	3,516	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
8	3,290	3,291	<b>15.65</b>	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
9	2,889	2,890	<b>17.31</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
10	2,781	2,783	<b>17.78</b>	105.0	0.00	79.89	-	-	0.00	0.00	-	0.00
11	2,756	2,757	<b>17.89</b>	105.0	0.00	79.81	-	-	0.00	0.00	-	0.00
12	1,825	1,827	<b>23.19</b>	105.0	0.00	76.23	-	-	0.00	0.00	-	0.00
13	2,128	2,130	<b>21.20</b>	105.0	0.00	77.57	-	-	0.00	0.00	-	0.00
14	2,841	2,842	<b>17.52</b>	105.0	0.00	80.07	-	-	0.00	0.00	-	0.00
15	2,081	2,082	<b>21.50</b>	105.0	0.00	77.37	-	-	0.00	0.00	-	0.00
16	1,236	1,239	<b>28.02</b>	105.0	0.00	72.86	-	-	0.00	0.00	-	0.00
17	1,474	1,475	<b>25.89</b>	105.0	0.00	74.38	-	-	0.00	0.00	-	0.00
18	1,982	1,983	<b>22.14</b>	105.0	0.00	76.95	-	-	0.00	0.00	-	0.00
19	839	843	<b>32.53</b>	105.0	0.00	69.51	-	-	0.00	0.00	-	0.00
20	2,433	2,434	<b>19.41</b>	105.0	0.00	78.73	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	2,750	2,750	<b>17.92</b>	105.0	0.00	79.79	-	-	0.00	0.00	-	0.00
22	2,273	2,275	<b>20.32</b>	105.0	0.00	78.14	-	-	0.00	0.00	-	0.00
23	2,728	2,731	<b>18.01</b>	105.0	0.00	79.73	-	-	0.00	0.00	-	0.00
24	723	729	<b>34.16</b>	105.0	0.00	68.25	-	-	0.00	0.00	-	0.00
25	1,215	1,219	<b>28.22</b>	105.0	0.00	72.72	-	-	0.00	0.00	-	0.00
26	932	936	<b>31.32</b>	105.0	0.00	70.43	-	-	0.00	0.00	-	0.00
27	1,677	1,679	<b>24.27</b>	105.0	0.00	75.50	-	-	0.00	0.00	-	0.00
28	2,192	2,194	<b>20.81</b>	105.0	0.00	77.82	-	-	0.00	0.00	-	0.00
29	2,413	2,414	<b>19.53</b>	105.0	0.00	78.65	-	-	0.00	0.00	-	0.00
30	2,930	2,931	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
31	3,449	3,450	<b>15.04</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
32	2,869	2,870	<b>17.40</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
33	4,690	4,691	<b>10.90</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
34	5,351	5,352	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
35	3,187	3,189	<b>16.06</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
36	2,876	2,878	<b>17.36</b>	105.0	0.00	80.18	-	-	0.00	0.00	-	0.00
37	3,734	3,735	<b>13.99</b>	105.0	0.00	82.45	-	-	0.00	0.00	-	0.00
38	3,530	3,532	<b>14.73</b>	105.0	0.00	81.96	-	-	0.00	0.00	-	0.00
39	2,868	2,870	<b>17.39</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
40	2,110	2,111	<b>21.31</b>	105.0	0.00	77.49	-	-	0.00	0.00	-	0.00
41	2,830	2,832	<b>17.56</b>	105.0	0.00	80.04	-	-	0.00	0.00	-	0.00
42	2,345	2,347	<b>19.91</b>	105.0	0.00	78.41	-	-	0.00	0.00	-	0.00
43	2,816	2,817	<b>17.63</b>	105.0	0.00	80.00	-	-	0.00	0.00	-	0.00
44	2,574	2,575	<b>18.73</b>	105.0	0.00	79.22	-	-	0.00	0.00	-	0.00
45	3,009	3,011	<b>16.79</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
46	3,334	3,335	<b>15.48</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
47	3,483	3,484	<b>14.91</b>	105.0	0.00	81.84	-	-	0.00	0.00	-	0.00
48	3,831	3,832	<b>13.65</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
49	4,053	4,054	<b>12.89</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
50	4,501	4,502	<b>11.47</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
51	4,582	4,582	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
52	4,750	4,751	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
53	4,716	4,716	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
54	6,007	6,007	<b>7.45</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
55	4,809	4,810	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
56	4,860	4,861	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
57	4,511	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
58	4,412	4,413	<b>11.74</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
59	4,317	4,318	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
60	4,327	4,329	<b>12.00</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
61	4,166	4,167	<b>12.52</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
62	4,768	4,769	<b>10.67</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
63	4,853	4,854	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
64	4,675	4,676	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
65	4,582	4,582	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
66	5,585	5,586	<b>8.47</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
67	5,974	5,975	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
68	6,239	6,240	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
69	6,003	6,004	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
70	5,918	5,919	<b>7.66</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
71	6,017	6,018	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
72	6,504	6,505	<b>6.34</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
73	6,600	6,601	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
74	7,654	7,654	<b>4.05</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
75	7,906	7,907	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
76	7,979	7,980	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
77	8,165	8,166	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
78	8,699	8,700	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
79	9,574	9,574	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00

To be continued on next page...

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	9,628	9,629	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
81	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
82	10,350	10,350	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
83	10,646	10,647	<b>-0.56</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
84	11,433	11,433	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
85	11,564	11,564	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
86	11,842	11,842	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
87	11,833	11,834	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
88	10,947	10,948	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
89	11,619	11,619	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
90	11,513	11,513	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
91	12,149	12,150	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
92	12,208	12,209	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
93	11,622	11,622	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
94	12,552	12,552	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
95	12,465	12,465	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
96	13,063	13,064	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
97	13,521	13,522	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
98	13,071	13,071	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
99	13,065	13,066	<b>-3.36</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
100	13,770	13,770	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 40.20

- Data undefined due to calculation with octave data

## Noise sensitive area: H321 H321

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,657	5,657	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
2	5,408	5,409	<b>8.92</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
3	4,924	4,925	<b>10.23</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
4	5,506	5,507	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
5	5,043	5,044	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
6	4,368	4,369	<b>11.87</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
7	3,926	3,927	<b>13.32</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
8	3,443	3,445	<b>15.06</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
9	3,452	3,453	<b>15.02</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
10	3,205	3,207	<b>15.98</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
11	2,276	2,278	<b>20.31</b>	105.0	0.00	78.15	-	-	0.00	0.00	-	0.00
12	1,913	1,915	<b>22.58</b>	105.0	0.00	76.65	-	-	0.00	0.00	-	0.00
13	1,648	1,649	<b>24.49</b>	105.0	0.00	75.35	-	-	0.00	0.00	-	0.00
14	1,887	1,888	<b>22.77</b>	105.0	0.00	76.52	-	-	0.00	0.00	-	0.00
15	853	856	<b>32.34</b>	105.0	0.00	69.65	-	-	0.00	0.00	-	0.00
16	1,876	1,879	<b>22.84</b>	105.0	0.00	76.48	-	-	0.00	0.00	-	0.00
17	542	548	<b>37.28</b>	105.0	0.00	65.77	-	-	0.00	0.00	-	0.00
18	498	503	<b>38.18</b>	105.0	0.00	65.03	-	-	0.00	0.00	-	0.00
19	645	650	<b>35.42</b>	105.0	0.00	67.26	-	-	0.00	0.00	-	0.00
20	1,161	1,164	<b>28.77</b>	105.0	0.00	72.32	-	-	0.00	0.00	-	0.00
21	1,451	1,452	<b>26.08</b>	105.0	0.00	74.24	-	-	0.00	0.00	-	0.00
22	3,688	3,690	<b>14.15</b>	105.0	0.00	82.34	-	-	0.00	0.00	-	0.00
23	4,209	4,211	<b>12.38</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
24	2,095	2,097	<b>21.40</b>	105.0	0.00	77.43	-	-	0.00	0.00	-	0.00
25	2,274	2,277	<b>20.31</b>	105.0	0.00	78.15	-	-	0.00	0.00	-	0.00
26	1,679	1,681	<b>24.25</b>	105.0	0.00	75.51	-	-	0.00	0.00	-	0.00
27	1,835	1,837	<b>23.12</b>	105.0	0.00	76.28	-	-	0.00	0.00	-	0.00
28	2,433	2,434	<b>19.41</b>	105.0	0.00	78.73	-	-	0.00	0.00	-	0.00
29	1,978	1,980	<b>22.16</b>	105.0	0.00	76.93	-	-	0.00	0.00	-	0.00
30	2,383	2,384	<b>19.69</b>	105.0	0.00	78.55	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	2,788	2,789	<b>17.75</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
32	2,642	2,643	<b>18.41</b>	105.0	0.00	79.44	-	-	0.00	0.00	-	0.00
33	3,928	3,929	<b>13.31</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
34	4,622	4,623	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
35	4,650	4,651	<b>11.02</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
36	4,303	4,304	<b>12.08</b>	105.0	0.00	83.68	-	-	0.00	0.00	-	0.00
37	5,158	5,159	<b>9.58</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
38	4,917	4,918	<b>10.25</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
39	4,186	4,187	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
40	3,298	3,299	<b>15.62</b>	105.0	0.00	81.37	-	-	0.00	0.00	-	0.00
41	3,815	3,817	<b>13.70</b>	105.0	0.00	82.63	-	-	0.00	0.00	-	0.00
42	2,901	2,903	<b>17.25</b>	105.0	0.00	80.26	-	-	0.00	0.00	-	0.00
43	3,072	3,073	<b>16.53</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00
44	3,427	3,429	<b>15.12</b>	105.0	0.00	81.70	-	-	0.00	0.00	-	0.00
45	3,685	3,686	<b>14.17</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
46	4,154	4,155	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
47	3,529	3,530	<b>14.73</b>	105.0	0.00	81.96	-	-	0.00	0.00	-	0.00
48	3,706	3,707	<b>14.09</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
49	3,782	3,783	<b>13.82</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00
50	4,518	4,519	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
51	4,477	4,478	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
52	4,530	4,531	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
53	4,228	4,229	<b>12.32</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
54	5,325	5,325	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
55	6,171	6,173	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
56	6,171	6,172	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
57	5,782	5,783	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
58	5,601	5,602	<b>8.43</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
59	5,150	5,151	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
60	5,065	5,066	<b>9.83</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
61	4,678	4,679	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
62	5,434	5,435	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
63	5,419	5,420	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
64	5,004	5,005	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
65	4,786	4,787	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
66	6,862	6,863	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
67	6,930	6,931	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
68	7,224	7,225	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
69	6,879	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
70	6,728	6,729	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
71	6,720	6,721	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
72	7,144	7,145	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
73	7,451	7,452	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
74	8,682	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
75	8,859	8,860	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
76	8,877	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
77	8,758	8,758	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
78	9,520	9,520	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
79	10,202	10,203	<b>0.03</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
80	9,986	9,987	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
81	10,774	10,775	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
82	10,723	10,724	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
83	10,838	10,839	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
84	11,660	11,660	<b>-1.81</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
85	11,748	11,749	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
86	11,991	11,991	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
87	12,411	12,411	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
88	11,413	11,413	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
89	12,054	12,055	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,894	11,894	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
91	12,568	12,568	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
92	12,583	12,583	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
93	11,904	11,905	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
94	13,248	13,249	<b>-3.55</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
95	13,121	13,122	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
96	13,681	13,682	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
97	13,972	13,972	<b>-4.26</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
98	13,480	13,480	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
99	13,422	13,423	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
100	14,163	14,163	<b>-4.45</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00

Sum 43.28

- Data undefined due to calculation with octave data

### Noise sensitive area: H322 H322

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,624	6,625	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
2	6,380	6,381	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
3	5,896	5,897	<b>7.71</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
4	6,426	6,427	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
5	5,967	5,968	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
6	5,331	5,332	<b>9.12</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
7	4,895	4,896	<b>10.31</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
8	4,415	4,416	<b>11.73</b>	105.0	0.00	83.90	-	-	0.00	0.00	-	0.00
9	4,406	4,407	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
10	4,170	4,172	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
11	3,192	3,193	<b>16.04</b>	105.0	0.00	81.08	-	-	0.00	0.00	-	0.00
12	2,883	2,885	<b>17.33</b>	105.0	0.00	80.20	-	-	0.00	0.00	-	0.00
13	2,593	2,594	<b>18.64</b>	105.0	0.00	79.28	-	-	0.00	0.00	-	0.00
14	2,655	2,657	<b>18.35</b>	105.0	0.00	79.49	-	-	0.00	0.00	-	0.00
15	1,619	1,620	<b>24.72</b>	105.0	0.00	75.19	-	-	0.00	0.00	-	0.00
16	2,777	2,778	<b>17.80</b>	105.0	0.00	79.88	-	-	0.00	0.00	-	0.00
17	1,509	1,511	<b>25.59</b>	105.0	0.00	74.59	-	-	0.00	0.00	-	0.00
18	928	930	<b>31.39</b>	105.0	0.00	70.37	-	-	0.00	0.00	-	0.00
19	1,360	1,363	<b>26.86</b>	105.0	0.00	73.69	-	-	0.00	0.00	-	0.00
20	444	451	<b>39.34</b>	105.0	0.00	64.07	-	-	0.00	0.00	-	0.00
21	739	743	<b>33.95</b>	105.0	0.00	68.41	-	-	0.00	0.00	-	0.00
22	4,323	4,325	<b>12.01</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
23	4,699	4,701	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
24	2,444	2,446	<b>19.35</b>	105.0	0.00	78.77	-	-	0.00	0.00	-	0.00
25	2,355	2,357	<b>19.85</b>	105.0	0.00	78.45	-	-	0.00	0.00	-	0.00
26	1,758	1,760	<b>23.67</b>	105.0	0.00	75.91	-	-	0.00	0.00	-	0.00
27	1,456	1,459	<b>26.03</b>	105.0	0.00	74.28	-	-	0.00	0.00	-	0.00
28	1,939	1,941	<b>22.41</b>	105.0	0.00	76.76	-	-	0.00	0.00	-	0.00
29	1,165	1,168	<b>28.72</b>	105.0	0.00	72.35	-	-	0.00	0.00	-	0.00
30	1,473	1,475	<b>25.89</b>	105.0	0.00	74.37	-	-	0.00	0.00	-	0.00
31	1,831	1,832	<b>23.16</b>	105.0	0.00	76.26	-	-	0.00	0.00	-	0.00
32	1,848	1,850	<b>23.03</b>	105.0	0.00	76.34	-	-	0.00	0.00	-	0.00
33	2,956	2,957	<b>17.02</b>	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
34	3,650	3,651	<b>14.29</b>	105.0	0.00	82.25	-	-	0.00	0.00	-	0.00
35	4,969	4,970	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
36	4,551	4,552	<b>11.31</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
37	5,377	5,378	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
38	5,080	5,081	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
39	4,287	4,288	<b>12.13</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00
40	3,330	3,332	<b>15.49</b>	105.0	0.00	81.45	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	3,638	3,640	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
42	2,527	2,529	<b>18.95</b>	105.0	0.00	79.06	-	-	0.00	0.00	-	0.00
43	2,491	2,493	<b>19.12</b>	105.0	0.00	78.93	-	-	0.00	0.00	-	0.00
44	3,188	3,190	<b>16.05</b>	105.0	0.00	81.08	-	-	0.00	0.00	-	0.00
45	3,301	3,302	<b>15.61</b>	105.0	0.00	81.38	-	-	0.00	0.00	-	0.00
46	3,833	3,834	<b>13.64</b>	105.0	0.00	82.67	-	-	0.00	0.00	-	0.00
47	2,797	2,798	<b>17.71</b>	105.0	0.00	79.94	-	-	0.00	0.00	-	0.00
48	2,887	2,888	<b>17.32</b>	105.0	0.00	80.21	-	-	0.00	0.00	-	0.00
49	2,904	2,905	<b>17.24</b>	105.0	0.00	80.26	-	-	0.00	0.00	-	0.00
50	3,727	3,728	<b>14.01</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
51	3,639	3,640	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
52	3,650	3,651	<b>14.29</b>	105.0	0.00	82.25	-	-	0.00	0.00	-	0.00
53	3,282	3,284	<b>15.68</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
54	4,353	4,353	<b>11.92</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
55	6,268	6,269	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
56	6,198	6,200	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
57	5,772	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
58	5,511	5,512	<b>8.66</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
59	4,786	4,787	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
60	4,641	4,642	<b>11.04</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
61	4,131	4,132	<b>12.63</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
62	4,949	4,950	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
63	4,874	4,875	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
64	4,342	4,344	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
65	4,070	4,071	<b>12.83</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
66	6,837	6,837	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
67	6,605	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
68	6,915	6,916	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
69	6,496	6,497	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
70	6,301	6,302	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
71	6,224	6,225	<b>6.95</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
72	6,600	6,601	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
73	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
74	8,385	8,386	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
75	8,500	8,501	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
76	8,477	8,478	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
77	8,163	8,164	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
78	9,058	9,058	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
79	9,614	9,614	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
80	9,260	9,261	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
81	10,072	10,073	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
82	9,999	10,000	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
83	10,037	10,037	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
84	10,868	10,868	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
85	10,940	10,941	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
86	11,168	11,169	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
87	11,779	11,779	<b>-1.95</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
88	10,729	10,729	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
89	11,352	11,353	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
90	11,167	11,168	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
91	11,855	11,855	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
92	11,849	11,850	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
93	11,134	11,135	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
94	12,680	12,681	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
95	12,531	12,531	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
96	13,066	13,067	<b>-3.36</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
97	13,269	13,269	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
98	12,758	12,759	<b>-3.03</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
99	12,678	12,678	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
100	13,432	13,432	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00

Sum 42.43

Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H323 H323

WTG	No.	Distance [m]	Sound distance [m]	95% rated power									
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,435	7,436	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
	2	7,206	7,206	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
	3	6,719	6,720	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
	4	7,180	7,180	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
	5	6,726	6,727	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
	6	6,136	6,137	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
	7	5,710	5,711	<b>8.16</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
	8	5,246	5,246	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
	9	5,201	5,202	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
	10	4,979	4,980	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
	11	4,024	4,025	<b>12.99</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
	12	3,703	3,705	<b>14.10</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
	13	3,429	3,430	<b>15.11</b>	105.0	0.00	81.71	-	-	0.00	0.00	-	0.00
	14	3,450	3,451	<b>15.03</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
	15	2,435	2,436	<b>19.41</b>	105.0	0.00	78.73	-	-	0.00	0.00	-	0.00
	16	3,538	3,540	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
	17	2,343	2,344	<b>19.92</b>	105.0	0.00	78.40	-	-	0.00	0.00	-	0.00
	18	1,737	1,738	<b>23.83</b>	105.0	0.00	75.80	-	-	0.00	0.00	-	0.00
	19	2,097	2,099	<b>21.39</b>	105.0	0.00	77.44	-	-	0.00	0.00	-	0.00
	20	920	923	<b>31.48</b>	105.0	0.00	70.31	-	-	0.00	0.00	-	0.00
	21	959	961	<b>31.01</b>	105.0	0.00	70.66	-	-	0.00	0.00	-	0.00
	22	4,862	4,864	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
	23	5,117	5,119	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
	24	2,868	2,870	<b>17.40</b>	105.0	0.00	80.16	-	-	0.00	0.00	-	0.00
	25	2,591	2,593	<b>18.64</b>	105.0	0.00	79.28	-	-	0.00	0.00	-	0.00
	26	2,086	2,088	<b>21.46</b>	105.0	0.00	77.39	-	-	0.00	0.00	-	0.00
	27	1,465	1,468	<b>25.95</b>	105.0	0.00	74.34	-	-	0.00	0.00	-	0.00
	28	1,704	1,707	<b>24.06</b>	105.0	0.00	75.64	-	-	0.00	0.00	-	0.00
	29	677	682	<b>34.89</b>	105.0	0.00	67.68	-	-	0.00	0.00	-	0.00
	30	711	716	<b>34.36</b>	105.0	0.00	68.10	-	-	0.00	0.00	-	0.00
	31	996	999	<b>30.57</b>	105.0	0.00	70.99	-	-	0.00	0.00	-	0.00
	32	1,238	1,241	<b>28.00</b>	105.0	0.00	72.87	-	-	0.00	0.00	-	0.00
	33	2,138	2,139	<b>21.14</b>	105.0	0.00	77.61	-	-	0.00	0.00	-	0.00
	34	2,829	2,830	<b>17.57</b>	105.0	0.00	80.04	-	-	0.00	0.00	-	0.00
	35	5,243	5,245	<b>9.35</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
	36	4,781	4,782	<b>10.63</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
	37	5,560	5,561	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
	38	5,223	5,225	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
	39	4,405	4,406	<b>11.76</b>	105.0	0.00	83.88	-	-	0.00	0.00	-	0.00
	40	3,440	3,442	<b>15.07</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
	41	3,547	3,548	<b>14.67</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
	42	2,336	2,338	<b>19.96</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
	43	2,083	2,085	<b>21.48</b>	105.0	0.00	77.38	-	-	0.00	0.00	-	0.00
	44	3,068	3,070	<b>16.54</b>	105.0	0.00	80.74	-	-	0.00	0.00	-	0.00
	45	3,035	3,036	<b>16.69</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
	46	3,598	3,599	<b>14.48</b>	105.0	0.00	82.12	-	-	0.00	0.00	-	0.00
	47	2,192	2,194	<b>20.80</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
	48	2,179	2,181	<b>20.88</b>	105.0	0.00	77.77	-	-	0.00	0.00	-	0.00
	49	2,133	2,135	<b>21.17</b>	105.0	0.00	77.59	-	-	0.00	0.00	-	0.00
	50	3,030	3,031	<b>16.70</b>	105.0	0.00	80.63	-	-	0.00	0.00	-	0.00
	51	2,896	2,897	<b>17.28</b>	105.0	0.00	80.24	-	-	0.00	0.00	-	0.00
	52	2,867	2,868	<b>17.40</b>	105.0	0.00	80.15	-	-	0.00	0.00	-	0.00
	53	2,450	2,452	<b>19.32</b>	105.0	0.00	78.79	-	-	0.00	0.00	-	0.00
	54	3,527	3,528	<b>14.74</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00
	55	6,327	6,328	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
	56	6,200	6,202	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
	57	5,751	5,752	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
	58	5,426	5,427	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
	59	4,475	4,477	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	4,278	4,279	<b>12.16</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
61	3,666	3,667	<b>14.23</b>	105.0	0.00	82.29	-	-	0.00	0.00	-	0.00
62	4,521	4,522	<b>11.40</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
63	4,392	4,393	<b>11.80</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
64	3,760	3,761	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
65	3,441	3,442	<b>15.07</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
66	6,781	6,782	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
67	6,290	6,291	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
68	6,610	6,612	<b>6.11</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
69	6,132	6,133	<b>7.16</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
70	5,901	5,902	<b>7.70</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
71	5,762	5,763	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
72	6,090	6,091	<b>7.26</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
73	6,641	6,642	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
74	8,074	8,075	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
75	8,134	8,135	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
76	8,075	8,076	<b>3.29</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
77	7,595	7,596	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
78	8,598	8,598	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
79	9,043	9,044	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
80	8,577	8,578	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
81	9,406	9,407	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
82	9,315	9,316	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
83	9,293	9,294	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
84	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
85	10,190	10,190	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
86	10,407	10,408	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
87	11,165	11,165	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
88	10,075	10,075	<b>0.21</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
89	10,683	10,683	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
90	10,478	10,479	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
91	11,176	11,176	<b>-1.22</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
92	11,154	11,155	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
93	10,412	10,413	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
94	12,115	12,116	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
95	11,947	11,948	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
96	12,461	12,462	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
97	12,594	12,595	<b>-2.86</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
98	12,071	12,072	<b>-2.28</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
99	11,973	11,973	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
100	12,735	12,736	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00

Sum 41.30

- Data undefined due to calculation with octave data

### Noise sensitive area: H324 H324

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,339	8,339	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
2	8,025	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
3	7,560	7,561	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
4	8,265	8,265	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
5	7,802	7,802	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
6	7,078	7,079	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
7	6,609	6,610	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
8	6,046	6,046	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
9	6,188	6,189	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
10	5,918	5,919	<b>7.66</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	4,634	4,635	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
12	4,618	4,619	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
13	4,159	4,160	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
14	3,863	3,864	<b>13.54</b>	105.0	0.00	82.74	-	-	0.00	0.00	-	0.00
15	3,053	3,054	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
16	4,634	4,635	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
17	3,229	3,231	<b>15.89</b>	105.0	0.00	81.19	-	-	0.00	0.00	-	0.00
18	2,448	2,450	<b>19.33</b>	105.0	0.00	78.78	-	-	0.00	0.00	-	0.00
19	3,255	3,256	<b>15.79</b>	105.0	0.00	81.25	-	-	0.00	0.00	-	0.00
20	1,600	1,602	<b>24.86</b>	105.0	0.00	75.10	-	-	0.00	0.00	-	0.00
21	1,320	1,322	<b>27.23</b>	105.0	0.00	73.43	-	-	0.00	0.00	-	0.00
22	6,208	6,209	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
23	6,520	6,521	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
24	4,258	4,260	<b>12.22</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
25	4,018	4,020	<b>13.00</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
26	3,494	3,496	<b>14.86</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
27	2,893	2,894	<b>17.29</b>	105.0	0.00	80.23	-	-	0.00	0.00	-	0.00
28	3,061	3,063	<b>16.57</b>	105.0	0.00	80.72	-	-	0.00	0.00	-	0.00
29	2,037	2,039	<b>21.77</b>	105.0	0.00	77.19	-	-	0.00	0.00	-	0.00
30	1,748	1,751	<b>23.74</b>	105.0	0.00	75.86	-	-	0.00	0.00	-	0.00
31	1,491	1,493	<b>25.74</b>	105.0	0.00	74.48	-	-	0.00	0.00	-	0.00
32	2,352	2,354	<b>19.86</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
33	1,741	1,743	<b>23.80</b>	105.0	0.00	75.83	-	-	0.00	0.00	-	0.00
34	2,340	2,342	<b>19.94</b>	105.0	0.00	78.39	-	-	0.00	0.00	-	0.00
35	6,672	6,673	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
36	6,210	6,211	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
37	6,985	6,986	<b>5.33</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
38	6,644	6,645	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
39	5,823	5,825	<b>7.89</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
40	4,862	4,863	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
41	4,907	4,908	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
42	3,682	3,684	<b>14.17</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
43	3,296	3,298	<b>15.62</b>	105.0	0.00	81.36	-	-	0.00	0.00	-	0.00
44	4,425	4,427	<b>11.70</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
45	4,306	4,308	<b>12.07</b>	105.0	0.00	83.68	-	-	0.00	0.00	-	0.00
46	4,873	4,874	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
47	3,148	3,150	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
48	2,921	2,923	<b>17.17</b>	105.0	0.00	80.32	-	-	0.00	0.00	-	0.00
49	2,676	2,677	<b>18.25</b>	105.0	0.00	79.55	-	-	0.00	0.00	-	0.00
50	3,692	3,693	<b>14.14</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
51	3,433	3,434	<b>15.10</b>	105.0	0.00	81.72	-	-	0.00	0.00	-	0.00
52	3,247	3,248	<b>15.82</b>	105.0	0.00	81.23	-	-	0.00	0.00	-	0.00
53	2,510	2,512	<b>19.03</b>	105.0	0.00	79.00	-	-	0.00	0.00	-	0.00
54	3,024	3,025	<b>16.73</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
55	7,723	7,724	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
56	7,575	7,576	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
57	7,118	7,120	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
58	6,764	6,765	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
59	5,664	5,666	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
60	5,420	5,422	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
61	4,713	4,714	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
62	5,581	5,583	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
63	5,383	5,385	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
64	4,621	4,622	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
65	4,229	4,231	<b>12.31</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
66	8,124	8,125	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
67	7,439	7,441	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
68	7,765	7,767	<b>3.84</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
69	7,229	7,230	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,960	6,961	<b>5.38</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
71	6,741	6,743	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
72	6,990	6,991	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
73	7,690	7,691	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
74	9,205	9,206	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
75	9,201	9,202	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
76	9,099	9,099	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
77	8,361	8,361	<b>2.81</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
78	9,533	9,534	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
79	9,782	9,783	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
80	9,060	9,060	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
81	9,923	9,924	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
82	9,786	9,786	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
83	9,569	9,570	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
84	10,416	10,417	<b>-0.26</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
85	10,429	10,430	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
86	10,601	10,602	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
87	11,789	11,789	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
88	10,615	10,616	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
89	11,175	11,176	<b>-1.22</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
90	10,920	10,920	<b>-0.91</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
91	11,637	11,637	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
92	11,570	11,571	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
93	10,750	10,751	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
94	12,836	12,837	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
95	12,632	12,633	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
96	13,097	13,098	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
97	13,056	13,057	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
98	12,501	12,502	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
99	12,351	12,351	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
100	13,135	13,135	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00

Sum 35.04

- Data undefined due to calculation with octave data

### Noise sensitive area: H325 H325

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
2	8,676	8,677	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
3	8,212	8,213	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
4	8,919	8,920	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
5	8,457	8,457	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
6	7,734	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
7	7,265	7,266	<b>4.78</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
8	6,697	6,698	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
9	6,845	6,846	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
10	6,574	6,576	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
11	5,273	5,274	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
12	5,275	5,276	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
13	4,811	4,812	<b>10.55</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
14	4,484	4,485	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
15	3,703	3,704	<b>14.10</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
16	5,285	5,286	<b>9.24</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
17	3,886	3,887	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
18	3,105	3,106	<b>16.39</b>	105.0	0.00	80.84	-	-	0.00	0.00	-	0.00
19	3,894	3,895	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
20	2,253	2,255	<b>20.44</b>	105.0	0.00	78.06	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	1,976	1,978	<b>22.16</b>	105.0	0.00	76.93	-	-	0.00	0.00	-	0.00
22	6,809	6,811	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
23	7,083	7,084	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
24	4,832	4,833	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
25	4,543	4,545	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
26	4,051	4,053	<b>12.89</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
27	3,393	3,395	<b>15.25</b>	105.0	0.00	81.62	-	-	0.00	0.00	-	0.00
28	3,474	3,476	<b>14.94</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
29	2,493	2,495	<b>19.11</b>	105.0	0.00	78.94	-	-	0.00	0.00	-	0.00
30	2,108	2,110	<b>21.32</b>	105.0	0.00	77.49	-	-	0.00	0.00	-	0.00
31	1,710	1,713	<b>24.02</b>	105.0	0.00	75.67	-	-	0.00	0.00	-	0.00
32	2,667	2,669	<b>18.29</b>	105.0	0.00	79.53	-	-	0.00	0.00	-	0.00
33	1,450	1,453	<b>26.08</b>	105.0	0.00	74.24	-	-	0.00	0.00	-	0.00
34	1,919	1,920	<b>22.55</b>	105.0	0.00	76.67	-	-	0.00	0.00	-	0.00
35	7,183	7,184	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
36	6,707	6,708	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
37	7,456	7,457	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
38	7,101	7,103	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
39	6,280	6,281	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
40	5,330	5,331	<b>9.13</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
41	5,290	5,291	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
42	4,071	4,072	<b>12.83</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
43	3,606	3,607	<b>14.45</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
44	4,811	4,813	<b>10.55</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
45	4,626	4,627	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
46	5,185	5,186	<b>9.51</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
47	3,330	3,332	<b>15.49</b>	105.0	0.00	81.45	-	-	0.00	0.00	-	0.00
48	3,016	3,018	<b>16.76</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
49	2,702	2,703	<b>18.14</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
50	3,701	3,703	<b>14.10</b>	105.0	0.00	82.37	-	-	0.00	0.00	-	0.00
51	3,398	3,399	<b>15.23</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
52	3,151	3,152	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
53	2,331	2,333	<b>19.98</b>	105.0	0.00	78.36	-	-	0.00	0.00	-	0.00
54	2,550	2,552	<b>18.84</b>	105.0	0.00	79.14	-	-	0.00	0.00	-	0.00
55	8,131	8,132	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
56	7,956	7,957	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
57	7,493	7,494	<b>4.34</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
58	7,111	7,112	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
59	5,904	5,905	<b>7.69</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
60	5,633	5,635	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
61	4,883	4,884	<b>10.34</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
62	5,741	5,743	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
63	5,507	5,509	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
64	4,692	4,694	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
65	4,278	4,279	<b>12.16</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
66	8,468	8,469	<b>2.63</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
67	7,633	7,634	<b>4.08</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
68	7,960	7,961	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
69	7,391	7,392	<b>4.54</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
70	7,100	7,101	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
71	6,837	6,839	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
72	7,038	7,039	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
73	7,816	7,817	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
74	9,374	9,375	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
75	9,328	9,329	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
76	9,199	9,200	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
77	8,322	8,323	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
78	9,578	9,579	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
79	9,719	9,720	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	8,877	8,877	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
81	9,749	9,750	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
82	9,591	9,592	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
83	9,291	9,291	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
84	10,137	10,138	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
85	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
86	10,282	10,283	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
87	11,656	11,657	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
88	10,449	10,450	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
89	10,983	10,984	<b>-0.99</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
90	10,706	10,706	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
91	11,428	11,429	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
92	11,341	11,342	<b>-1.43</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
93	10,491	10,492	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
94	12,748	12,749	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
95	12,527	12,528	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
96	12,965	12,966	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
97	12,842	12,843	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
98	12,275	12,276	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
99	12,102	12,102	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
100	12,892	12,893	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00

Sum 33.74

- Data undefined due to calculation with octave data

### Noise sensitive area: H326 H326

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,109	9,110	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
2	8,733	8,734	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
3	8,293	8,294	<b>2.92</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
4	9,183	9,184	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
5	8,718	8,719	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
6	7,899	7,900	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
7	7,406	7,407	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
8	6,782	6,783	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
9	7,062	7,063	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
10	6,762	6,763	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
11	5,287	5,288	<b>9.24</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
12	5,487	5,488	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
13	4,925	4,926	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
14	4,426	4,428	<b>11.69</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
15	3,836	3,838	<b>13.63</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
16	5,625	5,626	<b>8.37</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
17	4,157	4,158	<b>12.55</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
18	3,361	3,362	<b>15.37</b>	105.0	0.00	81.53	-	-	0.00	0.00	-	0.00
19	4,332	4,334	<b>11.98</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
20	2,658	2,660	<b>18.34</b>	105.0	0.00	79.50	-	-	0.00	0.00	-	0.00
21	2,343	2,345	<b>19.92</b>	105.0	0.00	78.40	-	-	0.00	0.00	-	0.00
22	7,358	7,360	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
23	7,723	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
24	5,460	5,461	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
25	5,258	5,260	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
26	4,716	4,717	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
27	4,145	4,147	<b>12.58</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
28	4,317	4,318	<b>12.03</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
29	3,295	3,297	<b>15.63</b>	105.0	0.00	81.36	-	-	0.00	0.00	-	0.00
30	2,983	2,985	<b>16.90</b>	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	2,649	2,652	<b>18.37</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
32	3,574	3,576	<b>14.57</b>	105.0	0.00	82.07	-	-	0.00	0.00	-	0.00
33	2,390	2,392	<b>19.65</b>	105.0	0.00	78.58	-	-	0.00	0.00	-	0.00
34	2,744	2,746	<b>17.94</b>	105.0	0.00	79.77	-	-	0.00	0.00	-	0.00
35	7,913	7,915	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
36	7,458	7,459	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
37	8,239	8,241	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
38	7,901	7,902	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
39	7,081	7,082	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
40	6,118	6,119	<b>7.19</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
41	6,159	6,160	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
42	4,934	4,935	<b>10.20</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
43	4,520	4,521	<b>11.40</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
44	5,677	5,679	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
45	5,537	5,539	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
46	6,101	6,103	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
47	4,295	4,297	<b>12.10</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
48	3,998	4,000	<b>13.07</b>	105.0	0.00	83.04	-	-	0.00	0.00	-	0.00
49	3,688	3,690	<b>14.15</b>	105.0	0.00	82.34	-	-	0.00	0.00	-	0.00
50	4,688	4,689	<b>10.90</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
51	4,381	4,383	<b>11.83</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
52	4,125	4,127	<b>12.65</b>	105.0	0.00	83.31	-	-	0.00	0.00	-	0.00
53	3,291	3,293	<b>15.64</b>	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
54	3,283	3,284	<b>15.68</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
55	8,980	8,982	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
56	8,828	8,830	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
57	8,370	8,371	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
58	8,008	8,009	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
59	6,856	6,857	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
60	6,595	6,596	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
61	5,855	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
62	6,717	6,719	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
63	6,489	6,491	<b>6.37</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
64	5,679	5,680	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
65	5,265	5,266	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
66	9,368	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
67	8,602	8,603	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
68	8,929	8,930	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
69	8,367	8,369	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
70	8,081	8,082	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
71	7,823	7,824	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
72	8,025	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
73	8,799	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
74	10,350	10,351	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
75	10,311	10,313	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
76	10,185	10,186	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
77	9,298	9,299	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
78	10,565	10,566	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
79	10,688	10,689	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
80	9,799	9,799	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
81	10,675	10,676	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
82	10,506	10,507	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
83	10,148	10,149	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
84	10,992	10,993	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
85	10,968	10,969	<b>-0.97</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
86	11,102	11,103	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
87	12,599	12,600	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
88	11,377	11,378	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
89	11,896	11,897	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,606	11,607	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
91	12,331	12,332	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
92	12,231	12,232	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
93	11,361	11,362	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
94	13,708	13,709	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
95	13,480	13,481	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
96	13,907	13,908	<b>-4.20</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
97	13,740	13,741	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
98	13,165	13,166	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
99	12,976	12,977	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
100	13,770	13,771	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 30.26

- Data undefined due to calculation with octave data

## Noise sensitive area: H327 H327

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,087	10,087	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
2	9,734	9,735	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
3	9,284	9,285	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
4	10,086	10,087	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
5	9,621	9,622	<b>0.85</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
6	8,852	8,853	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
7	8,369	8,370	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
8	7,768	7,769	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
9	7,987	7,988	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
10	7,701	7,702	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
11	6,295	6,296	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
12	6,409	6,410	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
13	5,892	5,893	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
14	5,454	5,455	<b>8.81</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
15	4,787	4,789	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
16	6,473	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
17	5,040	5,041	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
18	4,245	4,247	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
19	5,107	5,109	<b>9.72</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
20	3,442	3,443	<b>15.06</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
21	3,146	3,148	<b>16.22</b>	105.0	0.00	80.96	-	-	0.00	0.00	-	0.00
22	8,047	8,048	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
23	8,320	8,321	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
24	6,071	6,072	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
25	5,771	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
26	5,289	5,290	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
27	4,616	4,617	<b>11.12</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
28	4,652	4,654	<b>11.01</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
29	3,706	3,708	<b>14.09</b>	105.0	0.00	82.38	-	-	0.00	0.00	-	0.00
30	3,283	3,284	<b>15.68</b>	105.0	0.00	81.33	-	-	0.00	0.00	-	0.00
31	2,824	2,826	<b>17.59</b>	105.0	0.00	80.02	-	-	0.00	0.00	-	0.00
32	3,796	3,798	<b>13.77</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
33	2,073	2,076	<b>21.54</b>	105.0	0.00	77.34	-	-	0.00	0.00	-	0.00
34	2,152	2,154	<b>21.05</b>	105.0	0.00	77.66	-	-	0.00	0.00	-	0.00
35	8,401	8,402	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
36	7,918	7,919	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
37	8,650	8,652	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
38	8,287	8,289	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
39	7,467	7,468	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
40	6,528	6,529	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00

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Project:

20162030 Westwood Red Pine

Licensed user:

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US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,429	6,430	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
42	5,225	5,227	<b>9.40</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
43	4,707	4,709	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
44	5,957	5,958	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
45	5,718	5,720	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
46	6,263	6,265	<b>6.87</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
47	4,322	4,324	<b>12.02</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
48	3,932	3,934	<b>13.30</b>	105.0	0.00	82.90	-	-	0.00	0.00	-	0.00
49	3,559	3,561	<b>14.62</b>	105.0	0.00	82.03	-	-	0.00	0.00	-	0.00
50	4,476	4,478	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
51	4,129	4,131	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
52	3,812	3,814	<b>13.71</b>	105.0	0.00	82.63	-	-	0.00	0.00	-	0.00
53	2,950	2,952	<b>17.04</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
54	2,519	2,521	<b>18.99</b>	105.0	0.00	79.03	-	-	0.00	0.00	-	0.00
55	9,277	9,278	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
56	9,078	9,079	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
57	8,611	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
58	8,205	8,206	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
59	6,900	6,901	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
60	6,604	6,605	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
61	5,817	5,819	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
62	6,648	6,649	<b>6.03</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
63	6,374	6,375	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
64	5,512	5,513	<b>8.66</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
65	5,080	5,081	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
66	9,554	9,555	<b>0.94</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
67	8,556	8,557	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
68	8,881	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
69	8,277	8,278	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
70	7,962	7,964	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
71	7,644	7,646	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
72	7,774	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
73	8,652	8,653	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
74	10,252	10,253	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
75	10,150	10,152	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
76	9,985	9,986	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
77	8,909	8,910	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
78	10,281	10,282	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
79	10,249	10,250	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
80	9,204	9,205	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
81	10,084	10,085	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
82	9,889	9,890	<b>0.46</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
83	9,424	9,425	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
84	10,259	10,260	<b>-0.05</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
85	10,210	10,211	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
86	10,318	10,319	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
87	12,049	12,050	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
88	10,790	10,790	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
89	11,271	11,271	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
90	10,954	10,954	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
91	11,680	11,681	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
92	11,554	11,555	<b>-1.68</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
93	10,652	10,653	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
94	13,212	13,213	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
95	12,961	12,962	<b>-3.25</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
96	13,349	13,350	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
97	13,073	13,074	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
98	12,485	12,486	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
99	12,268	12,269	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
100	13,066	13,067	<b>-3.36</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00

Sum 30.09

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H328 H328

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	10,715	10,716	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
	2	10,329	10,330	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
	3	9,894	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
	4	10,795	10,796	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
	5	10,330	10,331	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
	6	9,511	9,512	<b>1.01</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
	7	9,017	9,018	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
	8	8,387	8,388	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
	9	8,675	8,676	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
	10	8,375	8,376	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
	11	6,883	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
	12	7,100	7,101	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
	13	6,536	6,537	<b>6.27</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
	14	6,010	6,011	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
	15	5,450	5,451	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
	16	7,223	7,224	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
	17	5,762	5,764	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
	18	4,965	4,966	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
	19	5,897	5,898	<b>7.71</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
	20	4,219	4,220	<b>12.35</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
	21	3,911	3,912	<b>13.37</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
	22	8,881	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
	23	9,185	9,186	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
	24	6,928	6,929	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
	25	6,652	6,653	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
	26	6,154	6,155	<b>7.11</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
	27	5,501	5,502	<b>8.68</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
	28	5,554	5,555	<b>8.55</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
	29	4,596	4,598	<b>11.17</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
	30	4,183	4,185	<b>12.46</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
	31	3,729	3,731	<b>14.00</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
	32	4,701	4,703	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
	33	2,933	2,935	<b>17.11</b>	105.0	0.00	80.35	-	-	0.00	0.00	-	0.00
	34	2,899	2,900	<b>17.26</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
	35	9,290	9,291	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
	36	8,811	8,812	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
	37	9,550	9,551	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
	38	9,189	9,190	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	39	8,368	8,369	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
	40	7,426	7,427	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
	41	7,334	7,336	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
	42	6,130	6,132	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
	43	5,612	5,614	<b>8.40</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
	44	6,862	6,863	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
	45	6,622	6,624	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
	46	7,166	7,167	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
	47	5,216	5,218	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
	48	4,814	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
	49	4,433	4,434	<b>11.67</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00
	50	5,320	5,322	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
	51	4,964	4,966	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
	52	4,631	4,632	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
	53	3,777	3,779	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
	54	3,120	3,122	<b>16.33</b>	105.0	0.00	80.89	-	-	0.00	0.00	-	0.00
	55	10,182	10,183	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
	56	9,983	9,985	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
	57	9,516	9,517	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
	58	9,108	9,109	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
	59	7,788	7,790	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,487	7,489	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
61	6,695	6,696	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
62	7,516	7,517	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
63	7,231	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
64	6,360	6,361	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
65	5,926	5,927	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
66	10,455	10,456	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
67	9,423	9,424	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
68	9,748	9,749	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
69	9,134	9,135	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
70	8,813	8,814	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
71	8,478	8,479	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
72	8,582	8,583	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
73	9,492	9,493	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
74	11,102	11,103	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
75	10,982	10,983	<b>-0.99</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
76	10,804	10,805	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
77	9,650	9,651	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
78	11,067	11,068	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
79	10,958	10,958	<b>-0.95</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
80	9,817	9,818	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
81	10,695	10,696	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
82	10,481	10,482	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
83	9,926	9,927	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
84	10,748	10,749	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
85	10,673	10,674	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
86	10,754	10,755	<b>-0.70</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
87	12,682	12,682	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
88	11,400	11,401	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
89	11,849	11,850	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
90	11,511	11,512	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
91	12,237	12,238	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
92	12,089	12,090	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
93	11,161	11,162	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
94	13,877	13,878	<b>-4.17</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
95	13,612	13,613	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
96	13,972	13,973	<b>-4.26</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
97	13,611	13,612	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
98	13,014	13,015	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
99	12,772	12,773	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
100	13,571	13,572	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00

Sum 27.28

- Data undefined due to calculation with octave data

### Noise sensitive area: H330 H330

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,699	12,700	<b>-2.97</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
2	12,307	12,308	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
3	11,876	11,877	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
4	12,777	12,778	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
5	12,312	12,313	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
6	11,498	11,499	<b>-1.62</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
7	11,003	11,004	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
8	10,371	10,372	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
9	10,660	10,661	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
10	10,361	10,362	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	8,863	8,864	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
12	9,083	9,084	<b>1.65</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
13	8,523	8,524	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
14	7,985	7,986	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
15	7,436	7,437	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
16	9,189	9,190	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
17	7,738	7,739	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
18	6,940	6,941	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
19	7,838	7,839	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
20	6,167	6,168	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
21	5,865	5,866	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
22	10,773	10,775	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
23	11,018	11,019	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
24	8,783	8,784	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
25	8,448	8,450	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
26	7,993	7,995	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
27	7,288	7,289	<b>4.73</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
28	7,249	7,251	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
29	6,370	6,371	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
30	5,906	5,908	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
31	5,403	5,404	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
32	6,348	6,350	<b>6.68</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
33	4,353	4,355	<b>11.92</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
34	4,028	4,030	<b>12.97</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
35	11,041	11,043	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
36	10,545	10,546	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
37	11,237	11,238	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
38	10,858	10,859	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
39	10,047	10,049	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
40	9,138	9,139	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
41	8,932	8,933	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
42	7,776	7,778	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
43	7,191	7,193	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
44	8,478	8,480	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
45	8,159	8,161	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
46	8,668	8,669	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
47	6,675	6,677	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
48	6,215	6,216	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
49	5,806	5,808	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
50	6,524	6,526	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
51	6,153	6,154	<b>7.11</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
52	5,782	5,784	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
53	5,016	5,017	<b>9.97</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
54	3,891	3,893	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
55	11,756	11,758	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
56	11,514	11,515	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
57	11,045	11,047	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
58	10,600	10,601	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
59	9,150	9,151	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
60	8,821	8,822	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
61	8,009	8,011	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
62	8,758	8,760	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
63	8,430	8,432	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
64	7,542	7,544	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
65	7,115	7,116	<b>5.07</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
66	11,912	11,913	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
67	10,631	10,632	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
68	10,945	10,947	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
69	10,292	10,294	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	9,946	9,947	<b>0.38</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
71	9,542	9,544	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
72	9,542	9,543	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
73	10,565	10,566	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
74	12,200	12,202	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
75	11,996	11,997	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
76	11,766	11,767	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
77	10,349	10,350	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
78	11,894	11,895	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
79	11,525	11,526	<b>-1.65</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
80	10,125	10,126	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
81	10,977	10,978	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
82	10,716	10,717	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
83	9,936	9,937	<b>0.40</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
84	10,703	10,705	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
85	10,567	10,568	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
86	10,575	10,577	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
87	12,987	12,988	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
88	11,665	11,666	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
89	12,018	12,019	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
90	11,630	11,631	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
91	12,338	12,339	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
92	12,134	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
93	11,159	11,160	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
94	14,264	14,265	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
95	13,959	13,960	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
96	14,232	14,233	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
97	13,641	13,642	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
98	13,028	13,029	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
99	12,725	12,726	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
100	13,513	13,514	<b>-3.81</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 23.68

- Data undefined due to calculation with octave data

### Noise sensitive area: H331 H331

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,738	12,739	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
2	12,339	12,340	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
3	11,911	11,912	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
4	12,836	12,837	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
5	12,371	12,372	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
6	11,545	11,546	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
7	11,048	11,049	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
8	10,409	10,410	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
9	10,714	10,715	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
10	10,412	10,414	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
11	8,897	8,898	<b>1.94</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
12	9,139	9,140	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
13	8,569	8,570	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
14	8,015	8,016	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
15	7,488	7,489	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
16	9,259	9,260	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
17	7,802	7,803	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
18	7,004	7,005	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
19	7,919	7,920	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
20	6,244	6,245	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	5,940	5,941	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
22	10,870	10,871	<b>-0.84</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
23	11,127	11,128	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
24	8,886	8,888	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
25	8,562	8,563	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
26	8,099	8,100	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
27	7,402	7,403	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
28	7,375	7,377	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
29	6,484	6,486	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
30	6,027	6,028	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
31	5,528	5,529	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
32	6,478	6,480	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
33	4,497	4,498	<b>11.47</b>	105.0	0.00	84.06	-	-	0.00	0.00	-	0.00
34	4,188	4,190	<b>12.44</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
35	11,163	11,165	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
36	10,669	10,671	<b>-0.59</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
37	11,367	11,369	<b>-1.46</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
38	10,991	10,992	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
39	10,178	10,179	<b>0.06</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
40	9,264	9,265	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
41	9,071	9,072	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
42	7,909	7,910	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
43	7,330	7,331	<b>4.65</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
44	8,615	8,616	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
45	8,303	8,304	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
46	8,815	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
47	6,823	6,825	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
48	6,366	6,368	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
49	5,959	5,960	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
50	6,689	6,690	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
51	6,317	6,319	<b>6.74</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
52	5,948	5,950	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
53	5,174	5,176	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
54	4,067	4,069	<b>12.84</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
55	11,900	11,901	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
56	11,661	11,662	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
57	11,192	11,194	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
58	10,750	10,751	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
59	9,308	9,310	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
60	8,981	8,982	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
61	8,170	8,171	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
62	8,923	8,925	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
63	8,597	8,599	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
64	7,709	7,711	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
65	7,281	7,282	<b>4.75</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
66	12,065	12,066	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
67	10,800	10,801	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
68	11,115	11,116	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
69	10,463	10,465	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
70	10,118	10,119	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
71	9,717	9,719	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
72	9,721	9,722	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
73	10,740	10,741	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
74	12,375	12,376	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
75	12,174	12,175	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
76	11,946	11,947	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
77	10,536	10,537	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
78	12,078	12,079	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
79	11,714	11,715	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,315	10,316	-0.12	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
81	11,168	11,169	-1.22	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
82	10,906	10,908	-0.89	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
83	10,125	10,126	0.14	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
84	10,891	10,893	-0.87	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
85	10,754	10,755	-0.70	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
86	10,761	10,762	-0.71	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
87	13,178	13,179	-3.47	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
88	11,855	11,856	-2.03	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
89	12,208	12,209	-2.43	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
90	11,820	11,821	-1.99	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
91	12,527	12,528	-2.79	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
92	12,323	12,324	-2.56	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
93	11,347	11,349	-1.44	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
94	14,455	14,456	-4.72	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
95	14,150	14,151	-4.43	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
96	14,423	14,424	-4.69	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
97	13,830	13,831	-4.13	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
98	13,216	13,217	-3.51	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
99	12,912	12,913	-3.20	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
100	13,700	13,701	-4.00	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00

Sum 23.37

- Data undefined due to calculation with octave data

### Noise sensitive area: H334 H334

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	12,400	12,401	-2.65	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
2	11,986	11,987	-2.18	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
3	11,566	11,567	-1.70	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
4	12,543	12,544	-2.80	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
5	12,078	12,079	-2.29	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
6	11,225	11,227	-1.29	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
7	10,724	10,725	-0.66	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
8	10,073	10,074	0.21	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
9	10,413	10,414	-0.25	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
10	10,104	10,105	0.17	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
11	8,553	8,554	2.49	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
12	8,844	8,845	2.02	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
13	8,253	8,254	2.99	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
14	7,664	7,665	4.03	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
15	7,185	7,187	4.93	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
16	8,998	9,000	1.78	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
17	7,529	7,530	4.28	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
18	6,734	6,735	5.85	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
19	7,688	7,690	3.98	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
20	6,009	6,011	7.45	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
21	5,700	5,701	8.19	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
22	10,677	10,679	-0.60	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
23	10,973	10,974	-0.97	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
24	8,719	8,720	2.22	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
25	8,427	8,429	2.69	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
26	7,941	7,942	3.53	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
27	7,271	7,272	4.77	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
28	7,287	7,288	4.74	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
29	6,359	6,361	6.65	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
30	5,923	5,925	7.65	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	5,443	5,444	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
32	6,407	6,409	<b>6.55</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
33	4,489	4,491	<b>11.50</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
34	4,256	4,258	<b>12.22</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
35	11,053	11,054	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
36	10,567	10,568	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
37	11,287	11,288	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
38	10,918	10,919	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
39	10,100	10,102	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
40	9,171	9,172	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
41	9,025	9,027	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
42	7,841	7,843	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
43	7,287	7,289	<b>4.73</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
44	8,561	8,563	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
45	8,279	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
46	8,805	8,806	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
47	6,821	6,823	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
48	6,381	6,382	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
49	5,979	5,981	<b>7.52</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
50	6,764	6,766	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
51	6,395	6,396	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
52	6,033	6,035	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
53	5,227	5,229	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
54	4,221	4,223	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
55	11,867	11,868	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
56	11,645	11,646	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
57	11,176	11,177	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
58	10,746	10,748	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
59	9,347	9,348	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
60	9,027	9,029	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
61	8,219	8,221	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
62	8,998	8,999	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
63	8,683	8,685	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
64	7,797	7,798	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
65	7,364	7,366	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
66	12,076	12,078	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
67	10,889	10,891	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
68	11,208	11,210	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
69	10,567	10,568	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
70	10,228	10,229	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
71	9,845	9,847	<b>0.53</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
72	9,877	9,878	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
73	10,868	10,870	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
74	12,500	12,501	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
75	12,322	12,323	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
76	12,107	12,108	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
77	10,759	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
78	12,275	12,276	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
79	11,971	11,972	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
80	10,624	10,625	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
81	11,484	11,485	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
82	11,232	11,233	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
83	10,490	10,491	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
84	11,268	11,269	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
85	11,141	11,142	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
86	11,160	11,161	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
87	13,494	13,495	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
88	12,177	12,178	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
89	12,549	12,550	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,170	12,171	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
91	12,882	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
92	12,687	12,688	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
93	11,718	11,719	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
94	14,756	14,758	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
95	14,459	14,460	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
96	14,750	14,751	<b>-4.99</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
97	14,199	14,200	<b>-4.48</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
98	13,588	13,589	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
99	13,294	13,295	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
100	14,085	14,086	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00

Sum 23.39

- Data undefined due to calculation with octave data

### Noise sensitive area: H335 H335

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,995	10,996	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
2	10,564	10,565	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
3	10,154	10,156	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
4	11,199	11,200	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
5	10,736	10,737	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
6	9,847	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
7	9,340	9,341	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
8	8,674	8,675	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
9	9,063	9,064	<b>1.68</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
10	8,743	8,745	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
11	7,149	7,150	<b>5.01</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
12	7,508	7,509	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
13	6,887	6,888	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
14	6,253	6,254	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
15	5,849	5,850	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
16	7,721	7,723	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
17	6,241	6,242	<b>6.92</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
18	5,457	5,458	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
19	6,480	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
20	4,816	4,818	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
21	4,500	4,502	<b>11.47</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
22	9,521	9,523	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
23	9,894	9,896	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
24	7,631	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
25	7,416	7,418	<b>4.49</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
26	6,883	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
27	6,287	6,289	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
28	6,404	6,406	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
29	5,409	5,411	<b>8.92</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
30	5,039	5,041	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
31	4,624	4,625	<b>11.09</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
32	5,591	5,593	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
33	3,932	3,934	<b>13.30</b>	105.0	0.00	82.90	-	-	0.00	0.00	-	0.00
34	3,931	3,933	<b>13.30</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
35	10,070	10,071	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
36	9,607	9,608	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
37	10,373	10,374	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
38	10,025	10,026	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
39	9,203	9,204	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
40	8,247	8,248	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00

To be continued on next page...

Project:

20162030 Westwood Red Pine

Licensed user:

EAPC Wind Energy  
3100 DeMers Avenue  
US-GRAND FORKS, ND 58201  
+1 701 775 3000  
Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	8,220	8,222	3.04	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
42	7,002	7,004	5.30	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
43	6,522	6,523	6.30	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
44	7,742	7,744	3.88	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
45	7,540	7,541	4.26	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
46	8,092	8,094	3.26	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
47	6,173	6,175	7.07	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
48	5,792	5,793	7.96	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
49	5,421	5,422	8.89	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
50	6,331	6,333	6.71	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
51	5,979	5,981	7.52	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
52	5,652	5,654	8.30	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
53	4,795	4,797	10.59	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
54	4,144	4,145	12.59	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
55	11,063	11,064	-1.09	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
56	10,884	10,885	-0.86	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
57	10,419	10,421	-0.26	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
58	10,028	10,029	0.27	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
59	8,755	8,756	2.16	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
60	8,462	8,464	2.64	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
61	7,678	7,680	4.00	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
62	8,510	8,511	2.56	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
63	8,234	8,236	3.02	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
64	7,369	7,370	4.58	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
65	6,936	6,937	5.43	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
66	11,382	11,383	-1.48	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
67	10,418	10,419	-0.26	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
68	10,743	10,745	-0.68	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
69	10,137	10,138	0.12	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
70	9,821	9,822	0.56	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
71	9,495	9,497	1.03	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
72	9,609	9,610	0.86	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
73	10,506	10,508	-0.37	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
74	12,111	12,112	-2.33	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
75	12,001	12,002	-2.20	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
76	11,828	11,829	-2.00	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
77	10,684	10,685	-0.61	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
78	12,099	12,100	-2.31	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
79	11,989	11,990	-2.19	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
80	10,828	10,828	-0.79	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
81	11,705	11,706	-1.86	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
82	11,485	11,486	-1.60	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
83	10,895	10,896	-0.88	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
84	11,709	11,710	-1.87	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
85	11,623	11,624	-1.76	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
86	11,688	11,689	-1.84	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
87	13,696	13,697	-3.99	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
88	12,408	12,409	-2.66	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
89	12,846	12,847	-3.13	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
90	12,501	12,502	-2.76	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
91	13,225	13,226	-3.52	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
92	13,068	13,069	-3.36	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
93	12,131	12,132	-2.35	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
94	14,900	14,901	-5.13	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
95	14,632	14,632	-4.88	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
96	14,983	14,984	-5.20	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
97	14,591	14,592	-4.85	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
98	13,990	13,991	-4.28	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
99	13,737	13,738	-4.03	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
100	14,535	14,536	-4.80	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00

Sum 24.92

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H336 H336

WTG	No.	Distance [m]	Sound distance [m]	95% rated power										
				Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
	1	10,967	10,968	-0.97	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00	
	2	10,523	10,524	-0.40	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00	
	3	10,121	10,123	0.14	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00	
	4	11,209	11,210	-1.27	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00	
	5	10,747	10,748	-0.69	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00	
	6	9,837	9,838	0.54	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00	
	7	9,327	9,329	1.28	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00	
	8	8,653	8,654	2.32	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00	
	9	9,071	9,072	1.67	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00	
	10	8,747	8,748	2.17	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00	
	11	7,126	7,127	5.05	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00	
	12	7,527	7,529	4.28	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00	
	13	6,891	6,893	5.52	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00	
	14	6,227	6,228	6.95	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00	
	15	5,872	5,874	7.77	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00	
	16	7,769	7,770	3.84	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00	
	17	6,287	6,289	6.81	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00	
	18	5,512	5,513	8.66	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00	
	19	6,559	6,561	6.22	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00	
	20	4,909	4,911	10.27	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00	
	21	4,593	4,595	11.18	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00	
	22	9,612	9,613	0.86	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00	
	23	10,008	10,010	0.30	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00	
	24	7,747	7,749	3.88	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00	
	25	7,555	7,557	4.23	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00	
	26	7,011	7,012	5.28	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00	
	27	6,438	6,439	6.48	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00	
	28	6,579	6,581	6.17	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00	
	29	5,572	5,574	8.50	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00	
	30	5,220	5,222	9.41	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00	
	31	4,821	4,823	10.51	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00	
	32	5,784	5,785	7.98	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00	
	33	4,180	4,182	12.47	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00	
	34	4,206	4,208	12.39	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00	
	35	10,210	10,212	0.02	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00	
	36	9,753	9,755	0.66	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00	
	37	10,530	10,531	-0.41	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00	
	38	10,187	10,188	0.05	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00	
	39	9,365	9,367	1.22	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00	
	40	8,406	8,407	2.73	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00	
	41	8,405	8,407	2.73	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00	
	42	7,184	7,185	4.94	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00	
	43	6,720	6,722	5.88	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00	
	44	7,926	7,927	3.55	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00	
	45	7,740	7,741	3.89	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00	
	46	8,296	8,297	2.91	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00	
	47	6,394	6,396	6.57	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00	
	48	6,024	6,026	7.41	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00	
	49	5,659	5,661	8.29	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00	
	50	6,583	6,585	6.16	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00	
	51	6,234	6,236	6.93	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00	
	52	5,912	5,914	7.67	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00	
	53	5,053	5,055	9.87	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00	
	54	4,436	4,438	11.66	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00	
	55	11,243	11,244	-1.31	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00	
	56	11,073	11,074	-1.10	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00	
	57	10,610	10,611	-0.51	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00	
	58	10,226	10,228	0.00	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00	
	59	8,977	8,979	1.81	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00	

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	8,690	8,691	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
61	7,911	7,913	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
62	8,748	8,750	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
63	8,478	8,480	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
64	7,618	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
65	7,186	7,188	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
66	11,583	11,584	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
67	10,655	10,657	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
68	10,981	10,983	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
69	10,381	10,382	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
70	10,068	10,070	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
71	9,750	9,752	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
72	9,873	9,874	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
73	10,758	10,760	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
74	12,357	12,359	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
75	12,256	12,258	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
76	12,088	12,089	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
77	10,965	10,966	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
78	12,369	12,371	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
79	12,276	12,277	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
80	11,126	11,127	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
81	12,004	12,005	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
82	11,785	11,786	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
83	11,200	11,201	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
84	12,015	12,016	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
85	11,928	11,930	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
86	11,994	11,995	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
87	13,993	13,994	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
88	12,707	12,709	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
89	13,148	13,149	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
90	12,804	12,805	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
91	13,528	13,529	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
92	13,372	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
93	12,436	12,437	<b>-2.69</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
94	15,194	15,195	<b>-5.39</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
95	14,927	14,928	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
96	15,282	15,283	<b>-5.47</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
97	14,895	14,896	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
98	14,295	14,296	<b>-4.57</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
99	14,042	14,043	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
100	14,840	14,842	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00

Sum 24.48

- Data undefined due to calculation with octave data

### Noise sensitive area: H337 H337

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,678	10,679	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
2	10,219	10,220	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
3	9,828	9,829	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
4	10,968	10,969	<b>-0.97</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
5	10,508	10,509	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
6	9,573	9,574	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
7	9,061	9,062	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
8	8,376	8,377	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
9	8,832	8,833	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
10	8,501	8,503	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,850	6,851	<b>5.61</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
12	7,307	7,308	<b>4.70</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
13	6,651	6,653	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
14	5,950	5,952	<b>7.59</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
15	5,664	5,665	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
16	7,587	7,588	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
17	6,109	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
18	5,350	5,352	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
19	6,429	6,430	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
20	4,809	4,811	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
21	4,495	4,497	<b>11.48</b>	105.0	0.00	84.06	-	-	0.00	0.00	-	0.00
22	9,489	9,491	<b>1.04</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
23	9,923	9,925	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
24	7,671	7,672	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
25	7,517	7,519	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
26	6,955	6,957	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
27	6,423	6,425	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
28	6,607	6,608	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
29	5,584	5,586	<b>8.47</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
30	5,267	5,269	<b>9.29</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
31	4,902	4,904	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
32	5,849	5,850	<b>7.83</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
33	4,368	4,370	<b>11.87</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
34	4,461	4,462	<b>11.58</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
35	10,168	10,170	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
36	9,724	9,725	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
37	10,516	10,518	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
38	10,183	10,184	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
39	9,364	9,366	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
40	8,400	8,401	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
41	8,448	8,449	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
42	7,223	7,224	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
43	6,792	6,794	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
44	7,966	7,968	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
45	7,812	7,814	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
46	8,374	8,375	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
47	6,513	6,515	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
48	6,168	6,169	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
49	5,818	5,820	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
50	6,770	6,771	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
51	6,430	6,432	<b>6.50</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
52	6,123	6,124	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
53	5,260	5,262	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
54	4,747	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
55	11,270	11,272	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
56	11,117	11,119	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
57	10,658	10,660	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
58	10,291	10,292	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
59	9,093	9,095	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
60	8,816	8,818	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
61	8,051	8,053	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
62	8,900	8,901	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
63	8,644	8,645	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
64	7,797	7,798	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
65	7,368	7,370	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
66	11,650	11,651	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
67	10,802	10,803	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
68	11,129	11,130	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
69	10,542	10,543	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	10,238	10,239	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
71	9,938	9,940	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
72	10,084	10,086	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
73	10,938	10,940	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
74	12,523	12,525	<b>-2.78</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
75	12,443	12,444	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
76	12,288	12,289	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
77	11,224	11,225	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
78	12,597	12,598	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
79	12,555	12,556	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
80	11,451	11,452	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
81	12,330	12,331	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
82	12,120	12,121	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
83	11,567	11,568	<b>-1.70</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
84	12,387	12,388	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
85	12,309	12,310	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
86	12,383	12,384	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
87	14,312	14,313	<b>-4.59</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
88	13,035	13,036	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
89	13,489	13,490	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
90	13,153	13,154	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
91	13,878	13,879	<b>-4.17</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
92	13,731	13,732	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
93	12,802	12,803	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
94	15,497	15,498	<b>-5.65</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
95	15,238	15,239	<b>-5.43</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
96	15,606	15,607	<b>-5.75</b>	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
97	15,253	15,254	<b>-5.44</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
98	14,656	14,657	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
99	14,412	14,413	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
100	15,211	15,212	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00

Sum 24.34

- Data undefined due to calculation with octave data

### Noise sensitive area: H338 H338

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,802	9,803	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
2	9,341	9,343	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
3	8,951	8,953	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
4	10,105	10,106	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
5	9,646	9,647	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
6	8,702	8,704	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
7	8,190	8,191	<b>3.10</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
8	7,502	7,504	<b>4.33</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
9	7,971	7,972	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
10	7,637	7,639	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
11	5,977	5,979	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
12	6,456	6,457	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
13	5,792	5,793	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
14	5,078	5,079	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
15	4,823	4,825	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
16	6,760	6,762	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
17	5,290	5,291	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
18	4,548	4,549	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
19	5,650	5,651	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
20	4,074	4,076	<b>12.82</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	3,767	3,769	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
22	8,709	8,711	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
23	9,179	9,180	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
24	6,943	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
25	6,835	6,837	<b>5.64</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
26	6,256	6,257	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
27	5,779	5,781	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
28	6,020	6,022	<b>7.42</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
29	4,986	4,988	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
30	4,725	4,726	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
31	4,421	4,423	<b>11.71</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
32	5,326	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
33	4,095	4,096	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
34	4,321	4,322	<b>12.02</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
35	9,472	9,473	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
36	9,043	9,044	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
37	9,853	9,855	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
38	9,534	9,535	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
39	8,721	8,723	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
40	7,755	7,756	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
41	7,869	7,870	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
42	6,647	6,649	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
43	6,271	6,273	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
44	7,388	7,390	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
45	7,283	7,285	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
46	7,849	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
47	6,072	6,073	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
48	5,774	5,776	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
49	5,457	5,459	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
50	6,447	6,449	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
51	6,130	6,131	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
52	5,855	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
53	5,003	5,005	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
54	4,726	4,727	<b>10.79</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
55	10,660	10,661	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
56	10,531	10,533	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
57	10,079	10,080	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
58	9,736	9,737	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
59	8,626	8,627	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
60	8,369	8,370	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
61	7,632	7,634	<b>4.08</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
62	8,495	8,496	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
63	8,265	8,267	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
64	7,449	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
65	7,031	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
66	11,095	11,096	<b>-1.13</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
67	10,378	10,380	<b>-0.21</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
68	10,705	10,707	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
69	10,145	10,146	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
70	9,858	9,859	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
71	9,595	9,596	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
72	9,784	9,786	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
73	10,575	10,576	<b>-0.46</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
74	12,128	12,129	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
75	12,087	12,088	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
76	11,956	11,957	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
77	11,017	11,019	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
78	12,320	12,321	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
79	12,387	12,388	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,399	11,400	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
81	12,279	12,280	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
82	12,090	12,091	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
83	11,628	11,629	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
84	12,462	12,463	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
85	12,408	12,409	<b>-2.66</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
86	12,508	12,509	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
87	14,235	14,236	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
88	12,984	12,985	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
89	13,473	13,474	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
90	13,159	13,160	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
91	13,885	13,886	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
92	13,760	13,761	<b>-4.06</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
93	12,857	12,858	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
94	15,379	15,380	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
95	15,137	15,138	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
96	15,538	15,539	<b>-5.69</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00
97	15,279	15,280	<b>-5.46</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
98	14,692	14,693	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
99	14,473	14,474	<b>-4.74</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
100	15,271	15,272	<b>-5.46</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00

Sum 25.61

- Data undefined due to calculation with octave data

### Noise sensitive area: H339 H339

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,933	8,934	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
2	8,465	8,466	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
3	8,081	8,082	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
4	9,271	9,272	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
5	8,815	8,816	<b>2.07</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
6	7,852	7,853	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
7	7,338	7,339	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
8	6,644	6,645	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
9	7,143	7,144	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
10	6,805	6,806	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
11	5,123	5,124	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
12	5,653	5,654	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
13	4,972	4,973	<b>10.09</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
14	4,225	4,227	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
15	4,049	4,051	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
16	6,002	6,004	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
17	4,552	4,554	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
18	3,849	3,851	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
19	4,979	4,981	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
20	3,501	3,503	<b>14.84</b>	105.0	0.00	81.89	-	-	0.00	0.00	-	0.00
21	3,213	3,215	<b>15.95</b>	105.0	0.00	81.14	-	-	0.00	0.00	-	0.00
22	8,018	8,019	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
23	8,539	8,540	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
24	6,339	6,341	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
25	6,299	6,300	<b>6.79</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
26	5,700	5,701	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
27	5,309	5,310	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
28	5,623	5,625	<b>8.38</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
29	4,594	4,596	<b>11.18</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
30	4,415	4,416	<b>11.73</b>	105.0	0.00	83.90	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG			95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
31	4,200	4,201	<b>12.41</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00	
32	5,027	5,029	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00	
33	4,131	4,132	<b>12.63</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00	
34	4,487	4,489	<b>11.50</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00	
35	8,897	8,898	<b>1.94</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00	
36	8,492	8,493	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00	
37	9,321	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00	
38	9,022	9,023	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00	
39	8,222	8,224	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00	
40	7,260	7,261	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00	
41	7,460	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00	
42	6,256	6,257	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00	
43	5,955	5,957	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00	
44	6,984	6,985	<b>5.33</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00	
45	6,942	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00	
46	7,508	7,510	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00	
47	5,857	5,858	<b>7.81</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00	
48	5,621	5,623	<b>8.38</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00	
49	5,350	5,351	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00	
50	6,363	6,364	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00	
51	6,076	6,077	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00	
52	5,842	5,843	<b>7.84</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00	
53	5,023	5,025	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00	
54	4,994	4,995	<b>10.03</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00	
55	10,191	10,192	<b>0.05</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00	
56	10,094	10,095	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00	
57	9,652	9,654	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00	
58	9,342	9,344	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00	
59	8,346	8,347	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00	
60	8,115	8,116	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00	
61	7,420	7,421	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00	
62	8,289	8,290	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00	
63	8,092	8,094	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00	
64	7,320	7,321	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00	
65	6,920	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00	
66	10,694	10,695	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00	
67	10,136	10,138	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00	
68	10,461	10,463	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00	
69	9,935	9,936	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00	
70	9,669	9,670	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00	
71	9,448	9,450	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00	
72	9,685	9,686	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00	
73	10,399	10,400	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00	
74	11,908	11,909	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00	
75	11,910	11,911	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00	
76	11,807	11,808	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00	
77	11,009	11,010	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00	
78	12,229	12,230	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00	
79	12,411	12,412	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00	
80	11,547	11,548	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00	
81	12,423	12,424	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00	
82	12,255	12,256	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00	
83	11,886	11,887	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00	
84	12,728	12,729	<b>-3.00</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00	
85	12,697	12,698	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00	
86	12,822	12,823	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00	
87	14,343	14,344	<b>-4.62</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00	
88	13,125	13,126	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00	
89	13,645	13,646	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,354	13,355	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
91	14,079	14,080	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
92	13,977	13,978	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
93	13,102	13,103	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
94	15,442	15,443	<b>-5.61</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
95	15,219	15,220	<b>-5.41</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
96	15,651	15,652	<b>-5.79</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
97	15,487	15,488	<b>-5.64</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
98	14,911	14,912	<b>-5.14</b>	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
99	14,718	14,719	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
100	15,513	15,514	<b>-5.67</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00

Sum 26.69

- Data undefined due to calculation with octave data

### Noise sensitive area: H340 H340

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,026	8,027	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
2	7,577	7,578	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
3	7,179	7,180	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
4	8,324	8,325	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
5	7,867	7,868	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
6	6,919	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
7	6,406	6,408	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
8	5,721	5,722	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
9	6,192	6,193	<b>7.03</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
10	5,857	5,859	<b>7.81</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
11	4,195	4,197	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
12	4,692	4,694	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
13	4,016	4,018	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
14	3,295	3,297	<b>15.63</b>	105.0	0.00	81.36	-	-	0.00	0.00	-	0.00
15	3,086	3,087	<b>16.47</b>	105.0	0.00	80.79	-	-	0.00	0.00	-	0.00
16	5,039	5,041	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
17	3,594	3,596	<b>14.49</b>	105.0	0.00	82.12	-	-	0.00	0.00	-	0.00
18	2,907	2,909	<b>17.22</b>	105.0	0.00	80.28	-	-	0.00	0.00	-	0.00
19	4,045	4,047	<b>12.91</b>	105.0	0.00	83.14	-	-	0.00	0.00	-	0.00
20	2,648	2,650	<b>18.38</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
21	2,385	2,387	<b>19.68</b>	105.0	0.00	78.56	-	-	0.00	0.00	-	0.00
22	7,069	7,071	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
23	7,610	7,611	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
24	5,435	5,437	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
25	5,437	5,439	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
26	4,829	4,831	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
27	4,506	4,508	<b>11.45</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
28	4,878	4,879	<b>10.36</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
29	3,872	3,874	<b>13.50</b>	105.0	0.00	82.76	-	-	0.00	0.00	-	0.00
30	3,775	3,776	<b>13.84</b>	105.0	0.00	82.54	-	-	0.00	0.00	-	0.00
31	3,656	3,658	<b>14.27</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00
32	4,380	4,382	<b>11.83</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
33	3,860	3,862	<b>13.54</b>	105.0	0.00	82.74	-	-	0.00	0.00	-	0.00
34	4,340	4,342	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
35	8,001	8,002	<b>3.42</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
36	7,611	7,612	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
37	8,449	8,451	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
38	8,164	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
39	7,376	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
40	6,421	6,422	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00

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**DECIBEL - Detailed results**

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,684	6,686	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
42	5,506	5,508	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
43	5,275	5,276	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
44	6,217	6,218	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
45	6,228	6,229	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
46	6,788	6,790	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
47	5,272	5,273	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
48	5,102	5,104	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
49	4,883	4,884	<b>10.34</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
50	5,897	5,898	<b>7.71</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
51	5,646	5,647	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
52	5,459	5,460	<b>8.79</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
53	4,699	4,700	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
54	4,938	4,939	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
55	9,359	9,360	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
56	9,284	9,285	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
57	8,852	8,853	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
58	8,568	8,569	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
59	7,671	7,672	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
60	7,465	7,466	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
61	6,814	6,815	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
62	7,680	7,681	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
63	7,516	7,517	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
64	6,794	6,796	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
65	6,418	6,419	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
66	9,908	9,909	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
67	9,482	9,483	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
68	9,804	9,805	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
69	9,310	9,311	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
70	9,064	9,065	<b>1.68</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
71	8,885	8,886	<b>1.95</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
72	9,164	9,165	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
73	9,802	9,803	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
74	11,264	11,266	<b>-1.33</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
75	11,305	11,306	<b>-1.38</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
76	11,227	11,228	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
77	10,567	10,568	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
78	11,701	11,702	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
79	11,993	11,994	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
80	11,261	11,261	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
81	12,127	12,128	<b>-2.34</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
82	11,983	11,984	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
83	11,716	11,716	<b>-1.87</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
84	12,563	12,563	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
85	12,558	12,558	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
86	12,710	12,711	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
87	14,002	14,003	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
88	12,822	12,823	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
89	13,374	13,374	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
90	13,109	13,109	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
91	13,829	13,829	<b>-4.12</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
92	13,751	13,752	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
93	12,912	12,913	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
94	15,050	15,051	<b>-5.26</b>	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
95	14,847	14,848	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
96	15,310	15,311	<b>-5.49</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00
97	15,246	15,247	<b>-5.43</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
98	14,684	14,685	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
99	14,520	14,521	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
100	15,309	15,309	<b>-5.49</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00

Sum 29.02

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H341 H341

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,313	7,314	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
2	6,858	6,859	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
3	6,464	6,465	<b>6.42</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
4	7,642	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
5	7,187	7,188	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
6	6,221	6,223	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
7	5,707	5,709	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
8	5,016	5,017	<b>9.97</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
9	5,517	5,518	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
10	5,177	5,179	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
11	3,493	3,494	<b>14.87</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
12	4,048	4,049	<b>12.91</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
13	3,353	3,355	<b>15.40</b>	105.0	0.00	81.51	-	-	0.00	0.00	-	0.00
14	2,594	2,596	<b>18.63</b>	105.0	0.00	79.29	-	-	0.00	0.00	-	0.00
15	2,495	2,497	<b>19.10</b>	105.0	0.00	78.95	-	-	0.00	0.00	-	0.00
16	4,447	4,448	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
17	3,047	3,049	<b>16.63</b>	105.0	0.00	80.68	-	-	0.00	0.00	-	0.00
18	2,440	2,442	<b>19.37</b>	105.0	0.00	78.76	-	-	0.00	0.00	-	0.00
19	3,579	3,580	<b>14.55</b>	105.0	0.00	82.08	-	-	0.00	0.00	-	0.00
20	2,396	2,398	<b>19.62</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
21	2,194	2,196	<b>20.79</b>	105.0	0.00	77.83	-	-	0.00	0.00	-	0.00
22	6,538	6,539	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
23	7,129	7,130	<b>5.04</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
24	5,021	5,023	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
25	5,100	5,101	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
26	4,485	4,486	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
27	4,273	4,274	<b>12.17</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
28	4,713	4,714	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
29	3,762	3,763	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
30	3,762	3,764	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
31	3,745	3,747	<b>13.95</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00
32	4,342	4,344	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
33	4,167	4,168	<b>12.52</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
34	4,716	4,717	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
35	7,584	7,586	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
36	7,223	7,224	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
37	8,073	8,074	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
38	7,811	7,812	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
39	7,045	7,047	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
40	6,109	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
41	6,457	6,458	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
42	5,325	5,327	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
43	5,180	5,182	<b>9.52</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
44	6,005	6,006	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
45	6,080	6,082	<b>7.28</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
46	6,628	6,629	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
47	5,278	5,279	<b>9.26</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
48	5,175	5,176	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
49	5,007	5,008	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
50	6,002	6,003	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
51	5,786	5,788	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
52	5,642	5,643	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
53	4,942	4,944	<b>10.17</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
54	5,357	5,358	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
55	9,037	9,039	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
56	8,994	8,995	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
57	8,577	8,578	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
58	8,328	8,329	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
59	7,553	7,554	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,375	7,376	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
61	6,777	6,778	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
62	7,631	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
63	7,500	7,501	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
64	6,835	6,836	<b>5.64</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
65	6,484	6,485	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
66	9,647	9,648	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
67	9,374	9,375	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
68	9,690	9,691	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
69	9,233	9,234	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
70	9,009	9,010	<b>1.76</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
71	8,871	8,872	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
72	9,187	9,189	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
73	9,750	9,751	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
74	11,159	11,160	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
75	11,238	11,239	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
76	11,185	11,186	<b>-1.24</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
77	10,652	10,653	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
78	11,705	11,706	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
79	12,092	12,093	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
80	11,467	11,468	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
81	12,324	12,324	<b>-2.56</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
82	12,197	12,198	<b>-2.42</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
83	12,005	12,006	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
84	12,852	12,853	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
85	12,865	12,866	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
86	13,036	13,036	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
87	14,157	14,157	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
88	13,010	13,011	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
89	13,584	13,585	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
90	13,339	13,340	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
91	14,053	14,054	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
92	13,995	13,995	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
93	13,183	13,184	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
94	15,161	15,162	<b>-5.36</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
95	14,975	14,976	<b>-5.19</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
96	15,462	15,463	<b>-5.62</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
97	15,474	15,475	<b>-5.63</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
98	14,924	14,925	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
99	14,781	14,782	<b>-5.02</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
100	15,563	15,564	<b>-5.71</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00

Sum 30.18

- Data undefined due to calculation with octave data

### Noise sensitive area: H342 H342

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,421	6,422	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
2	5,993	5,994	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
3	5,580	5,581	<b>8.49</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
4	6,696	6,697	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
5	6,238	6,239	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
6	5,294	5,295	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
7	4,782	4,784	<b>10.63</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
8	4,104	4,106	<b>12.72</b>	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
9	4,564	4,566	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
10	4,228	4,230	<b>12.31</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
11	2,577	2,579	<b>18.71</b>	105.0	0.00	79.23	-	-	0.00	0.00	-	0.00	
12	3,083	3,085	<b>16.48</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00	
13	2,393	2,395	<b>19.63</b>	105.0	0.00	78.59	-	-	0.00	0.00	-	0.00	
14	1,679	1,681	<b>24.25</b>	105.0	0.00	75.51	-	-	0.00	0.00	-	0.00	
15	1,550	1,552	<b>25.26</b>	105.0	0.00	74.82	-	-	0.00	0.00	-	0.00	
16	3,490	3,492	<b>14.88</b>	105.0	0.00	81.86	-	-	0.00	0.00	-	0.00	
17	2,126	2,128	<b>21.21</b>	105.0	0.00	77.56	-	-	0.00	0.00	-	0.00	
18	1,621	1,624	<b>24.69</b>	105.0	0.00	75.21	-	-	0.00	0.00	-	0.00	
19	2,720	2,722	<b>18.05</b>	105.0	0.00	79.70	-	-	0.00	0.00	-	0.00	
20	1,874	1,877	<b>22.85</b>	105.0	0.00	76.47	-	-	0.00	0.00	-	0.00	
21	1,787	1,790	<b>23.46</b>	105.0	0.00	76.06	-	-	0.00	0.00	-	0.00	
22	5,607	5,609	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00	
23	6,229	6,231	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00	
24	4,191	4,193	<b>12.44</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00	
25	4,345	4,346	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00	
26	3,734	3,736	<b>13.99</b>	105.0	0.00	82.45	-	-	0.00	0.00	-	0.00	
27	3,655	3,657	<b>14.27</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00	
28	4,165	4,166	<b>12.52</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00	
29	3,319	3,321	<b>15.53</b>	105.0	0.00	81.42	-	-	0.00	0.00	-	0.00	
30	3,448	3,450	<b>15.04</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00	
31	3,567	3,569	<b>14.59</b>	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00	
32	3,967	3,968	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00	
33	4,261	4,262	<b>12.21</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00	
34	4,888	4,889	<b>10.33</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00	
35	6,734	6,735	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00	
36	6,399	6,400	<b>6.56</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00	
37	7,255	7,256	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00	
38	7,015	7,016	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00	
39	6,276	6,277	<b>6.84</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00	
40	5,368	5,369	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00	
41	5,802	5,803	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00	
42	4,743	4,745	<b>10.74</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00	
43	4,706	4,707	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00	
44	5,373	5,374	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00	
45	5,522	5,524	<b>8.63</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00	
46	6,046	6,047	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00	
47	4,928	4,929	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00	
48	4,914	4,915	<b>10.25</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00	
49	4,819	4,821	<b>10.52</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00	
50	5,763	5,764	<b>8.03</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00	
51	5,600	5,601	<b>8.44</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00	
52	5,516	5,517	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00	
53	4,920	4,921	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00	
54	5,574	5,575	<b>8.50</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00	
55	8,265	8,266	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00	
56	8,252	8,253	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00	
57	7,852	7,853	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00	
58	7,641	7,642	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00	
59	7,009	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00	
60	6,867	6,868	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00	
61	6,341	6,342	<b>6.69</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00	
62	7,169	7,171	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00	
63	7,081	7,082	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00	
64	6,495	6,496	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00	
65	6,184	6,185	<b>7.05</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00	
66	8,930	8,931	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00	
67	8,825	8,826	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00	
68	9,133	9,134	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00	
69	8,722	8,723	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00	

To be continued on next page...

**DECIBEL - Detailed results**
**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**
*...continued from previous page*

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	8,526	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
71	8,439	8,440	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
72	8,799	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
73	9,265	9,266	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
74	10,603	10,604	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
75	10,725	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
76	10,703	10,704	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
77	10,331	10,331	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
78	11,275	11,276	<b>-1.35</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
79	11,780	11,781	<b>-1.95</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
80	11,302	11,302	<b>-1.38</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
81	12,139	12,139	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
82	12,039	12,039	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
83	11,952	11,953	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
84	12,796	12,796	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
85	12,835	12,835	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
86	13,030	13,031	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
87	13,908	13,908	<b>-4.20</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
88	12,811	12,812	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
89	13,412	13,413	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
90	13,197	13,197	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
91	13,900	13,900	<b>-4.19</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
92	13,867	13,867	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
93	13,099	13,099	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
94	14,852	14,853	<b>-5.08</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
95	14,688	14,689	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
96	15,205	15,205	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00
97	15,320	15,320	<b>-5.50</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
98	14,789	14,789	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
99	14,675	14,676	<b>-4.92</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
100	15,446	15,446	<b>-5.61</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00

Sum 33.65

*- Data undefined due to calculation with octave data*
**Noise sensitive area: H343 H343**

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,776	4,777	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
2	4,474	4,475	<b>11.55</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
3	4,002	4,003	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
4	4,798	4,799	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
5	4,333	4,334	<b>11.98</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
6	3,525	3,527	<b>14.75</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00
7	3,048	3,050	<b>16.63</b>	105.0	0.00	80.69	-	-	0.00	0.00	-	0.00
8	2,493	2,495	<b>19.11</b>	105.0	0.00	78.94	-	-	0.00	0.00	-	0.00
9	2,671	2,673	<b>18.27</b>	105.0	0.00	79.54	-	-	0.00	0.00	-	0.00
10	2,375	2,377	<b>19.73</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
11	1,250	1,253	<b>27.89</b>	105.0	0.00	72.96	-	-	0.00	0.00	-	0.00
12	1,099	1,102	<b>29.41</b>	105.0	0.00	71.85	-	-	0.00	0.00	-	0.00
13	630	636	<b>35.67</b>	105.0	0.00	67.06	-	-	0.00	0.00	-	0.00
14	1,038	1,041	<b>30.09</b>	105.0	0.00	71.35	-	-	0.00	0.00	-	0.00
15	563	568	<b>36.88</b>	105.0	0.00	66.09	-	-	0.00	0.00	-	0.00
16	1,434	1,437	<b>26.21</b>	105.0	0.00	74.15	-	-	0.00	0.00	-	0.00
17	509	515	<b>37.94</b>	105.0	0.00	65.23	-	-	0.00	0.00	-	0.00
18	1,127	1,129	<b>29.13</b>	105.0	0.00	72.05	-	-	0.00	0.00	-	0.00
19	1,203	1,206	<b>28.34</b>	105.0	0.00	72.63	-	-	0.00	0.00	-	0.00
20	2,031	2,032	<b>21.81</b>	105.0	0.00	77.16	-	-	0.00	0.00	-	0.00

*To be continued on next page...*



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	2,258	2,259	<b>20.42</b>	105.0	0.00	78.08	-	-	0.00	0.00	-	0.00
22	3,593	3,595	<b>14.50</b>	105.0	0.00	82.11	-	-	0.00	0.00	-	0.00
23	4,285	4,286	<b>12.13</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
24	2,531	2,532	<b>18.93</b>	105.0	0.00	79.07	-	-	0.00	0.00	-	0.00
25	2,919	2,921	<b>17.17</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
26	2,407	2,409	<b>19.55</b>	105.0	0.00	78.64	-	-	0.00	0.00	-	0.00
27	2,771	2,773	<b>17.82</b>	105.0	0.00	79.86	-	-	0.00	0.00	-	0.00
28	3,380	3,381	<b>15.30</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
29	3,004	3,005	<b>16.82</b>	105.0	0.00	80.56	-	-	0.00	0.00	-	0.00
30	3,406	3,407	<b>15.20</b>	105.0	0.00	81.65	-	-	0.00	0.00	-	0.00
31	3,793	3,794	<b>13.78</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
32	3,664	3,665	<b>14.24</b>	105.0	0.00	82.28	-	-	0.00	0.00	-	0.00
33	4,894	4,895	<b>10.31</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
34	5,588	5,588	<b>8.47</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
35	4,906	4,907	<b>10.28</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
36	4,648	4,649	<b>11.02</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
37	5,499	5,500	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
38	5,322	5,323	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
39	4,677	4,679	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
40	3,893	3,895	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
41	4,540	4,542	<b>11.34</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
42	3,779	3,780	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
43	4,033	4,034	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
44	4,208	4,210	<b>12.38</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
45	4,541	4,542	<b>11.34</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
46	4,961	4,963	<b>10.12</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
47	4,533	4,534	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
48	4,728	4,729	<b>10.79</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
49	4,809	4,810	<b>10.55</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
50	5,533	5,534	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
51	5,501	5,501	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
52	5,557	5,558	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
53	5,242	5,243	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
54	6,296	6,296	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
55	6,605	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
56	6,667	6,668	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
57	6,320	6,321	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
58	6,209	6,210	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
59	5,963	5,964	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
60	5,916	5,918	<b>7.67</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
61	5,601	5,602	<b>8.43</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
62	6,314	6,315	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
63	6,332	6,333	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
64	5,974	5,975	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
65	5,778	5,778	<b>8.00</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
66	7,394	7,395	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
67	7,694	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
68	7,973	7,974	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
69	7,683	7,684	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
70	7,561	7,562	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
71	7,595	7,596	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
72	8,043	8,044	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
73	8,269	8,270	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
74	9,410	9,410	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
75	9,631	9,631	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
76	9,677	9,678	<b>0.77</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
77	9,678	9,679	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
78	10,357	10,358	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
79	11,115	11,115	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,968	10,969	<b>-0.97</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
81	11,745	11,745	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
82	11,703	11,704	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
83	11,848	11,848	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
84	12,665	12,666	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
85	12,759	12,760	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
86	13,006	13,006	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
87	13,343	13,343	<b>-3.64</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
88	12,373	12,374	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
89	13,023	13,023	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
90	12,874	12,874	<b>-3.16</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
91	13,541	13,541	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
92	13,565	13,565	<b>-3.86</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
93	12,902	12,903	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
94	14,142	14,142	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
95	14,029	14,029	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
96	14,602	14,603	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
97	14,939	14,940	<b>-5.16</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
98	14,456	14,456	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
99	14,409	14,409	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
100	15,143	15,143	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00

Sum 43.16

- Data undefined due to calculation with octave data

### Noise sensitive area: H345 H345

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,140	3,141	<b>16.25</b>	105.0	0.00	80.94	-	-	0.00	0.00	-	0.00
2	2,899	2,900	<b>17.26</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
3	2,410	2,412	<b>19.54</b>	105.0	0.00	78.65	-	-	0.00	0.00	-	0.00
4	3,169	3,171	<b>16.13</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
5	2,708	2,709	<b>18.11</b>	105.0	0.00	79.66	-	-	0.00	0.00	-	0.00
6	1,869	1,871	<b>22.88</b>	105.0	0.00	76.44	-	-	0.00	0.00	-	0.00
7	1,407	1,411	<b>26.44</b>	105.0	0.00	73.99	-	-	0.00	0.00	-	0.00
8	996	999	<b>30.56</b>	105.0	0.00	70.99	-	-	0.00	0.00	-	0.00
9	1,032	1,036	<b>30.14</b>	105.0	0.00	71.31	-	-	0.00	0.00	-	0.00
10	717	724	<b>34.24</b>	105.0	0.00	68.19	-	-	0.00	0.00	-	0.00
11	1,164	1,167	<b>28.74</b>	105.0	0.00	72.34	-	-	0.00	0.00	-	0.00
12	607	612	<b>36.08</b>	105.0	0.00	66.74	-	-	0.00	0.00	-	0.00
13	1,149	1,151	<b>28.90</b>	105.0	0.00	72.22	-	-	0.00	0.00	-	0.00
14	1,951	1,952	<b>22.34</b>	105.0	0.00	76.81	-	-	0.00	0.00	-	0.00
15	2,209	2,210	<b>20.71</b>	105.0	0.00	77.89	-	-	0.00	0.00	-	0.00
16	1,085	1,088	<b>29.57</b>	105.0	0.00	71.73	-	-	0.00	0.00	-	0.00
17	1,998	1,999	<b>22.03</b>	105.0	0.00	77.02	-	-	0.00	0.00	-	0.00
18	2,761	2,762	<b>17.87</b>	105.0	0.00	79.82	-	-	0.00	0.00	-	0.00
19	2,300	2,301	<b>20.17</b>	105.0	0.00	78.24	-	-	0.00	0.00	-	0.00
20	3,643	3,643	<b>14.32</b>	105.0	0.00	82.23	-	-	0.00	0.00	-	0.00
21	3,894	3,894	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
22	2,858	2,860	<b>17.44</b>	105.0	0.00	80.13	-	-	0.00	0.00	-	0.00
23	3,724	3,726	<b>14.02</b>	105.0	0.00	82.42	-	-	0.00	0.00	-	0.00
24	2,889	2,891	<b>17.30</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
25	3,493	3,494	<b>14.87</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
26	3,214	3,215	<b>15.95</b>	105.0	0.00	81.14	-	-	0.00	0.00	-	0.00
27	3,856	3,857	<b>13.56</b>	105.0	0.00	82.73	-	-	0.00	0.00	-	0.00
28	4,432	4,432	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
29	4,361	4,361	<b>11.90</b>	105.0	0.00	83.79	-	-	0.00	0.00	-	0.00
30	4,829	4,829	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	5,277	5,277	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
32	4,953	4,954	<b>10.15</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
33	6,445	6,445	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
34	7,138	7,138	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
35	4,569	4,570	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
36	4,484	4,485	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
37	5,254	5,255	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
38	5,197	5,198	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
39	4,755	4,757	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
40	4,236	4,237	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
41	5,046	5,047	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
42	4,646	4,647	<b>11.03</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
43	5,079	5,080	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
44	4,848	4,849	<b>10.44</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
45	5,308	5,309	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
46	5,599	5,600	<b>8.44</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
47	5,700	5,701	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
48	5,989	5,990	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
49	6,145	6,146	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
50	6,725	6,725	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
51	6,761	6,761	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
52	6,879	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
53	6,688	6,689	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
54	7,838	7,838	<b>3.71</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
55	6,449	6,450	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
56	6,618	6,619	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
57	6,361	6,362	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
58	6,386	6,387	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
59	6,559	6,560	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
60	6,599	6,600	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
61	6,470	6,471	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
62	7,052	7,053	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
63	7,152	7,152	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
64	6,972	6,972	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
65	6,857	6,858	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
66	7,374	7,375	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
67	8,120	8,121	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
68	8,360	8,361	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
69	8,197	8,197	<b>3.08</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
70	8,145	8,146	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
71	8,282	8,282	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
72	8,782	8,783	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
73	8,800	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
74	9,714	9,715	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
75	10,026	10,027	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
76	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
77	10,447	10,447	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
78	10,895	10,896	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
79	11,841	11,842	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
80	11,932	11,933	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
81	12,655	12,656	<b>-2.92</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
82	12,653	12,654	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
83	12,939	12,939	<b>-3.22</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
84	13,731	13,731	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
85	13,856	13,856	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
86	14,129	14,129	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
87	14,109	14,109	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
88	13,245	13,245	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
89	13,918	13,919	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,816	13,816	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
91	14,450	14,450	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
92	14,512	14,512	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
93	13,924	13,925	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
94	14,787	14,787	<b>-5.02</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
95	14,715	14,715	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
96	15,325	15,326	<b>-5.50</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
97	15,818	15,818	<b>-5.93</b>	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
98	15,372	15,372	<b>-5.54</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00
99	15,369	15,369	<b>-5.54</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00
100	16,072	16,072	<b>-6.14</b>	105.0	0.00	95.12	-	-	0.00	0.00	-	0.00

Sum 41.28

- Data undefined due to calculation with octave data

### Noise sensitive area: H346 H346

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,948	2,950	<b>17.05</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
2	2,657	2,659	<b>18.34</b>	105.0	0.00	79.49	-	-	0.00	0.00	-	0.00
3	2,177	2,180	<b>20.89</b>	105.0	0.00	77.77	-	-	0.00	0.00	-	0.00
4	3,116	3,117	<b>16.35</b>	105.0	0.00	80.88	-	-	0.00	0.00	-	0.00
5	2,664	2,666	<b>18.31</b>	105.0	0.00	79.52	-	-	0.00	0.00	-	0.00
6	1,725	1,728	<b>23.91</b>	105.0	0.00	75.75	-	-	0.00	0.00	-	0.00
7	1,228	1,232	<b>28.08</b>	105.0	0.00	72.81	-	-	0.00	0.00	-	0.00
8	699	705	<b>34.53</b>	105.0	0.00	67.96	-	-	0.00	0.00	-	0.00
9	1,019	1,024	<b>30.28</b>	105.0	0.00	71.21	-	-	0.00	0.00	-	0.00
10	665	673	<b>35.04</b>	105.0	0.00	67.57	-	-	0.00	0.00	-	0.00
11	1,079	1,081	<b>29.64</b>	105.0	0.00	71.68	-	-	0.00	0.00	-	0.00
12	873	877	<b>32.07</b>	105.0	0.00	69.86	-	-	0.00	0.00	-	0.00
13	1,253	1,255	<b>27.86</b>	105.0	0.00	72.98	-	-	0.00	0.00	-	0.00
14	1,943	1,944	<b>22.39</b>	105.0	0.00	76.78	-	-	0.00	0.00	-	0.00
15	2,355	2,356	<b>19.85</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
16	1,418	1,420	<b>26.36</b>	105.0	0.00	74.05	-	-	0.00	0.00	-	0.00
17	2,218	2,219	<b>20.65</b>	105.0	0.00	77.92	-	-	0.00	0.00	-	0.00
18	2,952	2,953	<b>17.04</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
19	2,584	2,585	<b>18.68</b>	105.0	0.00	79.25	-	-	0.00	0.00	-	0.00
20	3,848	3,849	<b>13.59</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
21	4,086	4,086	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
22	3,129	3,131	<b>16.29</b>	105.0	0.00	80.91	-	-	0.00	0.00	-	0.00
23	4,006	4,007	<b>13.05</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00
24	3,223	3,224	<b>15.92</b>	105.0	0.00	81.17	-	-	0.00	0.00	-	0.00
25	3,824	3,826	<b>13.67</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
26	3,534	3,535	<b>14.72</b>	105.0	0.00	81.97	-	-	0.00	0.00	-	0.00
27	4,161	4,162	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
28	4,742	4,743	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
29	4,635	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
30	5,093	5,094	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
31	5,530	5,530	<b>8.61</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
32	5,240	5,241	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
33	6,680	6,681	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
34	7,374	7,375	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
35	4,868	4,869	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
36	4,798	4,799	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
37	5,558	5,559	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
38	5,510	5,511	<b>8.66</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
39	5,081	5,083	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
40	4,570	4,571	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,380	5,381	<b>9.00</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
42	4,970	4,971	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
43	5,392	5,393	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
44	5,180	5,181	<b>9.52</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
45	5,637	5,638	<b>8.34</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
46	5,932	5,933	<b>7.63</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
47	6,004	6,005	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
48	6,283	6,284	<b>6.82</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
49	6,429	6,429	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
50	7,028	7,029	<b>5.25</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
51	7,056	7,057	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
52	7,166	7,167	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
53	6,953	6,953	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
54	8,078	8,078	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
55	6,756	6,757	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
56	6,932	6,933	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
57	6,682	6,683	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
58	6,713	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
59	6,893	6,894	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
60	6,932	6,933	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
61	6,797	6,797	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
62	7,384	7,385	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
63	7,481	7,482	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
64	7,292	7,293	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
65	7,172	7,172	<b>4.96</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
66	7,689	7,690	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
67	8,453	8,454	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
68	8,692	8,692	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
69	8,530	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
70	8,479	8,480	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
71	8,615	8,616	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
72	9,115	9,116	<b>1.60</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
73	9,134	9,134	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
74	10,043	10,044	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
75	10,357	10,358	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
76	10,468	10,469	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
77	10,779	10,780	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
78	11,229	11,230	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
79	12,175	12,175	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
80	12,258	12,258	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
81	12,984	12,984	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
82	12,980	12,980	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
83	13,257	13,257	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
84	14,051	14,051	<b>-4.34</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
85	14,174	14,174	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
86	14,445	14,445	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
87	14,442	14,442	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
88	13,575	13,575	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
89	14,247	14,248	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
90	14,143	14,143	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
91	14,779	14,779	<b>-5.02</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
92	14,839	14,839	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
93	14,247	14,248	<b>-4.53</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
94	15,121	15,121	<b>-5.32</b>	105.0	0.00	94.59	-	-	0.00	0.00	-	0.00
95	15,049	15,049	<b>-5.26</b>	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
96	15,659	15,659	<b>-5.79</b>	105.0	0.00	94.90	-	-	0.00	0.00	-	0.00
97	16,148	16,149	<b>-6.20</b>	105.0	0.00	95.16	-	-	0.00	0.00	-	0.00
98	15,700	15,701	<b>-5.83</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
99	15,696	15,696	<b>-5.82</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
100	16,400	16,401	<b>-6.41</b>	105.0	0.00	95.30	-	-	0.00	0.00	-	0.00

Sum 41.10

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H347 H347

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	3,034	3,035	<b>16.69</b>	105.0	0.00	80.64	-	-	0.00	0.00	-	0.00
	2	2,848	2,849	<b>17.48</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
	3	2,353	2,355	<b>19.86</b>	105.0	0.00	78.44	-	-	0.00	0.00	-	0.00
	4	2,956	2,957	<b>17.02</b>	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
	5	2,492	2,493	<b>19.12</b>	105.0	0.00	78.94	-	-	0.00	0.00	-	0.00
	6	1,737	1,739	<b>23.82</b>	105.0	0.00	75.81	-	-	0.00	0.00	-	0.00
	7	1,320	1,324	<b>27.22</b>	105.0	0.00	73.44	-	-	0.00	0.00	-	0.00
	8	1,064	1,067	<b>29.80</b>	105.0	0.00	71.56	-	-	0.00	0.00	-	0.00
	9	831	837	<b>32.61</b>	105.0	0.00	69.45	-	-	0.00	0.00	-	0.00
	10	579	587	<b>36.53</b>	105.0	0.00	66.38	-	-	0.00	0.00	-	0.00
	11	1,451	1,453	<b>26.08</b>	105.0	0.00	74.24	-	-	0.00	0.00	-	0.00
	12	747	751	<b>33.83</b>	105.0	0.00	68.51	-	-	0.00	0.00	-	0.00
	13	1,386	1,387	<b>26.65</b>	105.0	0.00	73.84	-	-	0.00	0.00	-	0.00
	14	2,221	2,222	<b>20.64</b>	105.0	0.00	77.93	-	-	0.00	0.00	-	0.00
	15	2,402	2,403	<b>19.59</b>	105.0	0.00	78.62	-	-	0.00	0.00	-	0.00
	16	1,009	1,012	<b>30.41</b>	105.0	0.00	71.11	-	-	0.00	0.00	-	0.00
	17	2,131	2,132	<b>21.18</b>	105.0	0.00	77.58	-	-	0.00	0.00	-	0.00
	18	2,914	2,915	<b>17.20</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
	19	2,346	2,347	<b>19.90</b>	105.0	0.00	78.41	-	-	0.00	0.00	-	0.00
	20	3,777	3,777	<b>13.84</b>	105.0	0.00	82.54	-	-	0.00	0.00	-	0.00
	21	4,040	4,040	<b>12.94</b>	105.0	0.00	83.13	-	-	0.00	0.00	-	0.00
	22	2,598	2,600	<b>18.61</b>	105.0	0.00	79.30	-	-	0.00	0.00	-	0.00
	23	3,472	3,474	<b>14.95</b>	105.0	0.00	81.82	-	-	0.00	0.00	-	0.00
	24	2,781	2,782	<b>17.78</b>	105.0	0.00	79.89	-	-	0.00	0.00	-	0.00
	25	3,404	3,405	<b>15.21</b>	105.0	0.00	81.64	-	-	0.00	0.00	-	0.00
	26	3,171	3,172	<b>16.12</b>	105.0	0.00	81.03	-	-	0.00	0.00	-	0.00
	27	3,852	3,852	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
	28	4,412	4,412	<b>11.74</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
	29	4,408	4,409	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
	30	4,889	4,890	<b>10.33</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
	31	5,353	5,353	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
	32	4,979	4,979	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
	33	6,539	6,539	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
	34	7,230	7,230	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
	35	4,334	4,336	<b>11.98</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
	36	4,270	4,271	<b>12.18</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
	37	5,025	5,026	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
	38	4,982	4,983	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
	39	4,571	4,572	<b>11.25</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
	40	4,096	4,097	<b>12.75</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
	41	4,922	4,923	<b>10.23</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
	42	4,588	4,589	<b>11.20</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
	43	5,051	5,051	<b>9.88</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
	44	4,747	4,748	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
	45	5,225	5,225	<b>9.40</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
	46	5,491	5,492	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
	47	5,692	5,693	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
	48	6,001	6,001	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
	49	6,174	6,175	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
	50	6,716	6,717	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
	51	6,768	6,768	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
	52	6,901	6,901	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
	53	6,745	6,746	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
	54	7,925	7,925	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
	55	6,224	6,225	<b>6.95</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
	56	6,405	6,406	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
	57	6,160	6,161	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
	58	6,203	6,204	<b>7.00</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
	59	6,438	6,438	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	6,492	6,493	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
61	6,397	6,397	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
62	6,952	6,953	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
63	7,066	7,066	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
64	6,920	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
65	6,823	6,824	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
66	7,162	7,163	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
67	7,965	7,966	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
68	8,198	8,199	<b>3.08</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
69	8,055	8,055	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
70	8,015	8,015	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
71	8,167	8,168	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
72	8,676	8,676	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
73	8,658	8,659	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
74	9,537	9,538	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
75	9,861	9,862	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
76	9,980	9,980	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
77	10,341	10,341	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
78	10,750	10,750	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
79	11,725	11,726	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
80	11,860	11,860	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
81	12,571	12,572	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
82	12,577	12,577	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
83	12,891	12,892	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
84	13,676	13,677	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
85	13,809	13,809	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
86	14,087	14,087	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
87	13,996	13,997	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
88	13,152	13,153	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
89	13,830	13,830	<b>-4.12</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
90	13,736	13,737	<b>-4.03</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
91	14,363	14,364	<b>-4.63</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
92	14,432	14,433	<b>-4.70</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
93	13,861	13,861	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
94	14,653	14,653	<b>-4.90</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
95	14,588	14,588	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
96	15,204	15,204	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00
97	15,724	15,725	<b>-5.85</b>	105.0	0.00	94.93	-	-	0.00	0.00	-	0.00
98	15,285	15,286	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
99	15,291	15,292	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
100	15,987	15,988	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00

Sum 41.42

- Data undefined due to calculation with octave data

### Noise sensitive area: H348 H348

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	1,919	1,921	<b>22.55</b>	105.0	0.00	76.67	-	-	0.00	0.00	-	0.00
2	2,234	2,236	<b>20.55</b>	105.0	0.00	77.99	-	-	0.00	0.00	-	0.00
3	1,922	1,925	<b>22.52</b>	105.0	0.00	76.69	-	-	0.00	0.00	-	0.00
4	958	962	<b>31.01</b>	105.0	0.00	70.66	-	-	0.00	0.00	-	0.00
5	573	579	<b>36.68</b>	105.0	0.00	66.26	-	-	0.00	0.00	-	0.00
6	1,236	1,240	<b>28.01</b>	105.0	0.00	72.87	-	-	0.00	0.00	-	0.00
7	1,574	1,577	<b>25.06</b>	105.0	0.00	74.96	-	-	0.00	0.00	-	0.00
8	2,228	2,229	<b>20.59</b>	105.0	0.00	77.96	-	-	0.00	0.00	-	0.00
9	1,416	1,420	<b>26.36</b>	105.0	0.00	74.04	-	-	0.00	0.00	-	0.00
10	1,771	1,774	<b>23.57</b>	105.0	0.00	75.98	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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			95% rated power										
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A),ref	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	11	3,514	3,514	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
	12	2,880	2,881	<b>17.35</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
	13	3,549	3,549	<b>14.66</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
	14	4,357	4,357	<b>11.91</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
	15	4,535	4,535	<b>11.36</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
	16	2,739	2,740	<b>17.97</b>	105.0	0.00	79.76	-	-	0.00	0.00	-	0.00
	17	4,175	4,176	<b>12.49</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
	18	4,973	4,973	<b>10.09</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
	19	4,161	4,161	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
	20	5,772	5,772	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
	21	6,060	6,061	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
	22	2,349	2,352	<b>19.88</b>	105.0	0.00	78.43	-	-	0.00	0.00	-	0.00
	23	3,109	3,112	<b>16.37</b>	105.0	0.00	80.86	-	-	0.00	0.00	-	0.00
	24	3,876	3,877	<b>13.49</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
	25	4,510	4,511	<b>11.44</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
	26	4,556	4,556	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
	27	5,349	5,349	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
	28	5,798	5,799	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
	29	6,097	6,098	<b>7.24</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
	30	6,612	6,612	<b>6.11</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
	31	7,121	7,121	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
	32	6,551	6,551	<b>6.24</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
	33	8,354	8,354	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
	34	9,027	9,027	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
	35	4,066	4,067	<b>12.85</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
	36	4,265	4,266	<b>12.20</b>	105.0	0.00	83.60	-	-	0.00	0.00	-	0.00
	37	4,748	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
	38	4,882	4,883	<b>10.34</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
	39	4,823	4,824	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
	40	4,779	4,780	<b>10.64</b>	105.0	0.00	84.59	-	-	0.00	0.00	-	0.00
	41	5,638	5,639	<b>8.34</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
	42	5,760	5,761	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
	43	6,355	6,356	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
	44	5,646	5,646	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
	45	6,200	6,201	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
	46	6,282	6,283	<b>6.82</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
	47	7,072	7,072	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
	48	7,468	7,468	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
	49	7,721	7,722	<b>3.92</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	50	8,056	8,057	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
	51	8,189	8,189	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
	52	8,393	8,394	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
	53	8,406	8,406	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
	54	9,692	9,692	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
	55	5,899	5,900	<b>7.71</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
	56	6,206	6,207	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
	57	6,114	6,115	<b>7.21</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
	58	6,331	6,332	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
	59	7,074	7,075	<b>5.15</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
	60	7,231	7,232	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
	61	7,370	7,371	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
	62	7,719	7,720	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	63	7,926	7,926	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
	64	8,010	8,010	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	65	8,020	8,020	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
	66	6,930	6,930	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
	67	8,260	8,260	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
	68	8,425	8,426	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
	69	8,456	8,457	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	8,511	8,511	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
71	8,785	8,785	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
72	9,332	9,333	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
73	9,045	9,045	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
74	9,579	9,579	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
75	10,007	10,008	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
76	10,204	10,205	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
77	10,961	10,961	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
78	11,047	11,048	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
79	12,242	12,242	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
80	12,696	12,696	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
81	13,315	13,316	<b>-3.61</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
82	13,376	13,376	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
83	13,881	13,881	<b>-4.17</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
84	14,613	14,614	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
85	14,788	14,788	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
86	15,100	15,100	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
87	14,508	14,509	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
88	13,828	13,828	<b>-4.12</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
89	14,524	14,524	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
90	14,497	14,497	<b>-4.76</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
91	15,066	15,067	<b>-5.28</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
92	15,187	15,187	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
93	14,733	14,733	<b>-4.98</b>	105.0	0.00	94.37	-	-	0.00	0.00	-	0.00
94	14,984	14,985	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
95	14,978	14,978	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
96	15,632	15,632	<b>-5.77</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
97	16,360	16,360	<b>-6.37</b>	105.0	0.00	95.28	-	-	0.00	0.00	-	0.00
98	15,981	15,981	<b>-6.06</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
99	16,050	16,050	<b>-6.12</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00
100	16,690	16,691	<b>-6.64</b>	105.0	0.00	95.45	-	-	0.00	0.00	-	0.00

Sum 39.45

- Data undefined due to calculation with octave data

### Noise sensitive area: H349 H349

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	992	995	<b>30.62</b>	105.0	0.00	70.95	-	-	0.00	0.00	-	0.00
2	1,518	1,520	<b>25.52</b>	105.0	0.00	74.64	-	-	0.00	0.00	-	0.00
3	1,446	1,449	<b>26.11</b>	105.0	0.00	74.22	-	-	0.00	0.00	-	0.00
4	403	410	<b>40.31</b>	105.0	0.00	63.26	-	-	0.00	0.00	-	0.00
5	534	540	<b>37.44</b>	105.0	0.00	65.64	-	-	0.00	0.00	-	0.00
6	1,264	1,267	<b>27.75</b>	105.0	0.00	73.05	-	-	0.00	0.00	-	0.00
7	1,778	1,780	<b>23.53</b>	105.0	0.00	76.01	-	-	0.00	0.00	-	0.00
8	2,495	2,496	<b>19.11</b>	105.0	0.00	78.94	-	-	0.00	0.00	-	0.00
9	2,029	2,031	<b>21.82</b>	105.0	0.00	77.15	-	-	0.00	0.00	-	0.00
10	2,331	2,333	<b>19.99</b>	105.0	0.00	78.36	-	-	0.00	0.00	-	0.00
11	3,986	3,987	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
12	3,607	3,608	<b>14.45</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00
13	4,186	4,186	<b>12.46</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
14	4,880	4,880	<b>10.35</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
15	5,254	5,254	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
16	3,638	3,639	<b>14.34</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
17	4,982	4,982	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
18	5,772	5,772	<b>8.02</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
19	5,079	5,080	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
20	6,619	6,619	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	6,891	6,891	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
22	3,448	3,449	<b>15.04</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
23	4,174	4,175	<b>12.49</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
24	4,945	4,945	<b>10.17</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
25	5,586	5,587	<b>8.47</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
26	5,592	5,593	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
27	6,373	6,373	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
28	6,847	6,848	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
29	7,079	7,079	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
30	7,586	7,586	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
31	8,082	8,083	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
32	7,567	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
33	9,303	9,303	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
34	9,984	9,985	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
35	5,118	5,119	<b>9.69</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
36	5,346	5,347	<b>9.08</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
37	5,783	5,784	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
38	5,943	5,944	<b>7.60</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
39	5,920	5,920	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
40	5,885	5,885	<b>7.74</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
41	6,745	6,745	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
42	6,839	6,840	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
43	7,421	7,422	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
44	6,746	6,747	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
45	7,298	7,299	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
46	7,388	7,388	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
47	8,130	8,130	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
48	8,512	8,512	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
49	8,750	8,750	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
50	9,124	9,125	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
51	9,244	9,245	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
52	9,436	9,436	<b>1.12</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
53	9,407	9,408	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
54	10,663	10,663	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
55	6,906	6,907	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
56	7,233	7,234	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
57	7,167	7,168	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
58	7,406	7,406	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
59	8,180	8,181	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
60	8,338	8,338	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
61	8,472	8,472	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
62	8,826	8,826	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
63	9,032	9,032	<b>1.73</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
64	9,105	9,106	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
65	9,106	9,106	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
66	7,942	7,942	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
67	9,341	9,342	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
68	9,498	9,499	<b>1.02</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
69	9,547	9,548	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
70	9,608	9,609	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
71	9,888	9,889	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
72	10,436	10,437	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
73	10,133	10,133	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
74	10,621	10,621	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
75	11,063	11,064	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
76	11,271	11,271	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
77	12,062	12,062	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
78	12,121	12,121	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
79	13,335	13,335	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	13,802	13,802	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
81	14,420	14,420	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
82	14,482	14,482	<b>-4.74</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
83	14,987	14,987	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
84	15,720	15,720	<b>-5.84</b>	105.0	0.00	94.93	-	-	0.00	0.00	-	0.00
85	15,894	15,894	<b>-5.99</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00
86	16,205	16,205	<b>-6.25</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
87	15,598	15,598	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
88	14,929	14,929	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
89	15,626	15,626	<b>-5.76</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
90	15,602	15,602	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
91	16,169	16,169	<b>-6.22</b>	105.0	0.00	95.17	-	-	0.00	0.00	-	0.00
92	16,291	16,291	<b>-6.32</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
93	15,839	15,840	<b>-5.94</b>	105.0	0.00	94.99	-	-	0.00	0.00	-	0.00
94	16,054	16,054	<b>-6.12</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00
95	16,054	16,055	<b>-6.12</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00
96	16,712	16,712	<b>-6.66</b>	105.0	0.00	95.46	-	-	0.00	0.00	-	0.00
97	17,458	17,458	<b>-7.24</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
98	17,083	17,083	<b>-6.95</b>	105.0	0.00	95.65	-	-	0.00	0.00	-	0.00
99	17,154	17,154	<b>-7.00</b>	105.0	0.00	95.69	-	-	0.00	0.00	-	0.00
100	17,792	17,792	<b>-7.49</b>	105.0	0.00	96.00	-	-	0.00	0.00	-	0.00

Sum 42.95

- Data undefined due to calculation with octave data

### Noise sensitive area: H350 H350

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	545	550	<b>37.24</b>	105.0	0.00	65.80	-	-	0.00	0.00	-	0.00
2	726	731	<b>34.12</b>	105.0	0.00	68.28	-	-	0.00	0.00	-	0.00
3	573	579	<b>36.68</b>	105.0	0.00	66.26	-	-	0.00	0.00	-	0.00
4	1,256	1,258	<b>27.83</b>	105.0	0.00	72.99	-	-	0.00	0.00	-	0.00
5	1,098	1,101	<b>29.43</b>	105.0	0.00	71.83	-	-	0.00	0.00	-	0.00
6	765	769	<b>33.56</b>	105.0	0.00	68.72	-	-	0.00	0.00	-	0.00
7	1,214	1,216	<b>28.24</b>	105.0	0.00	72.70	-	-	0.00	0.00	-	0.00
8	1,856	1,857	<b>22.98</b>	105.0	0.00	76.38	-	-	0.00	0.00	-	0.00
9	1,716	1,718	<b>23.98</b>	105.0	0.00	75.70	-	-	0.00	0.00	-	0.00
10	1,921	1,923	<b>22.54</b>	105.0	0.00	76.68	-	-	0.00	0.00	-	0.00
11	3,383	3,383	<b>15.29</b>	105.0	0.00	81.59	-	-	0.00	0.00	-	0.00
12	3,215	3,216	<b>15.95</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
13	3,692	3,693	<b>14.14</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
14	4,282	4,283	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
15	4,795	4,795	<b>10.60</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
16	3,418	3,419	<b>15.15</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
17	4,611	4,612	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
18	5,374	5,375	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
19	4,831	4,831	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
20	6,257	6,258	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
21	6,508	6,508	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
22	3,767	3,768	<b>13.87</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
23	4,582	4,584	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
24	4,954	4,955	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
25	5,606	5,606	<b>8.42</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
26	5,515	5,516	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
27	6,258	6,259	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
28	6,779	6,779	<b>5.75</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
29	6,883	6,883	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
30	7,373	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	7,845	7,845	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
32	7,424	7,425	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
33	9,036	9,037	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
34	9,727	9,727	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
35	5,545	5,546	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
36	5,704	5,705	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
37	6,236	6,237	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
38	6,348	6,349	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
39	6,218	6,218	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
40	6,048	6,048	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
41	6,913	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
42	6,852	6,852	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
43	7,388	7,389	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
44	6,854	6,855	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
45	7,386	7,387	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
46	7,541	7,541	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
47	8,070	8,071	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
48	8,417	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
49	8,619	8,620	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
50	9,085	9,085	<b>1.65</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
51	9,171	9,171	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
52	9,331	9,332	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
53	9,223	9,224	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
54	10,420	10,421	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
55	7,401	7,402	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
56	7,697	7,698	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
57	7,584	7,585	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
58	7,773	7,774	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
59	8,395	8,395	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
60	8,519	8,520	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
61	8,571	8,571	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
62	9,002	9,002	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
63	9,176	9,177	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
64	9,165	9,166	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
65	9,125	9,125	<b>1.58</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
66	8,428	8,428	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
67	9,682	9,682	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
68	9,862	9,863	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
69	9,854	9,855	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
70	9,884	9,885	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
71	10,125	10,126	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
72	10,663	10,664	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
73	10,450	10,450	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
74	11,054	11,054	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
75	11,466	11,467	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
76	11,650	11,650	<b>-1.79</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
77	12,311	12,312	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
78	12,481	12,482	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
79	13,627	13,627	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
80	13,980	13,980	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
81	14,634	14,634	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
82	14,675	14,676	<b>-4.92</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
83	15,107	15,107	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
84	15,863	15,863	<b>-5.96</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
85	16,021	16,021	<b>-6.10</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
86	16,319	16,319	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
87	15,900	15,900	<b>-5.99</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
88	15,170	15,170	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
89	15,862	15,862	<b>-5.96</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	15,813	15,813	<b>-5.92</b>	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
91	16,403	16,403	<b>-6.41</b>	105.0	0.00	95.30	-	-	0.00	0.00	-	0.00
92	16,506	16,506	<b>-6.49</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00
93	16,008	16,009	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
94	16,420	16,421	<b>-6.42</b>	105.0	0.00	95.31	-	-	0.00	0.00	-	0.00
95	16,401	16,401	<b>-6.41</b>	105.0	0.00	95.30	-	-	0.00	0.00	-	0.00
96	17,047	17,047	<b>-6.92</b>	105.0	0.00	95.63	-	-	0.00	0.00	-	0.00
97	17,720	17,720	<b>-7.43</b>	105.0	0.00	95.97	-	-	0.00	0.00	-	0.00
98	17,322	17,322	<b>-7.13</b>	105.0	0.00	95.77	-	-	0.00	0.00	-	0.00
99	17,370	17,370	<b>-7.17</b>	105.0	0.00	95.80	-	-	0.00	0.00	-	0.00
100	18,030	18,030	<b>-7.66</b>	105.0	0.00	96.12	-	-	0.00	0.00	-	0.00

Sum 42.55

- Data undefined due to calculation with octave data

### Noise sensitive area: H351 H351

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,031	2,034	<b>21.81</b>	105.0	0.00	77.16	-	-	0.00	0.00	-	0.00
2	1,580	1,583	<b>25.01</b>	105.0	0.00	74.99	-	-	0.00	0.00	-	0.00
3	1,176	1,180	<b>28.60</b>	105.0	0.00	72.44	-	-	0.00	0.00	-	0.00
4	2,704	2,706	<b>18.13</b>	105.0	0.00	79.65	-	-	0.00	0.00	-	0.00
5	2,343	2,344	<b>19.92</b>	105.0	0.00	78.40	-	-	0.00	0.00	-	0.00
6	1,215	1,219	<b>28.22</b>	105.0	0.00	72.72	-	-	0.00	0.00	-	0.00
7	828	834	<b>32.65</b>	105.0	0.00	69.42	-	-	0.00	0.00	-	0.00
8	547	553	<b>37.17</b>	105.0	0.00	65.86	-	-	0.00	0.00	-	0.00
9	1,342	1,346	<b>27.01</b>	105.0	0.00	73.58	-	-	0.00	0.00	-	0.00
10	1,188	1,192	<b>28.48</b>	105.0	0.00	72.53	-	-	0.00	0.00	-	0.00
11	1,869	1,871	<b>22.89</b>	105.0	0.00	76.44	-	-	0.00	0.00	-	0.00
12	2,098	2,100	<b>21.38</b>	105.0	0.00	77.44	-	-	0.00	0.00	-	0.00
13	2,332	2,333	<b>19.98</b>	105.0	0.00	78.36	-	-	0.00	0.00	-	0.00
14	2,743	2,744	<b>17.95</b>	105.0	0.00	79.77	-	-	0.00	0.00	-	0.00
15	3,427	3,428	<b>15.12</b>	105.0	0.00	81.70	-	-	0.00	0.00	-	0.00
16	2,605	2,606	<b>18.58</b>	105.0	0.00	79.32	-	-	0.00	0.00	-	0.00
17	3,394	3,395	<b>15.25</b>	105.0	0.00	81.62	-	-	0.00	0.00	-	0.00
18	4,078	4,078	<b>12.81</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
19	3,808	3,809	<b>13.73</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
20	4,985	4,986	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
21	5,198	5,198	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
22	3,911	3,912	<b>13.37</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
23	4,805	4,807	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
24	4,389	4,390	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
25	5,010	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
26	4,751	4,752	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
27	5,389	5,390	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
28	5,968	5,969	<b>7.54</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
29	5,851	5,852	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
30	6,300	6,301	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
31	6,723	6,723	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
32	6,464	6,465	<b>6.42</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
33	7,848	7,848	<b>3.70</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
34	8,542	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
35	5,733	5,734	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
36	5,744	5,745	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
37	6,438	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
38	6,446	6,447	<b>6.46</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
39	6,110	6,111	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
40	5,692	5,693	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,525	6,526	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
42	6,181	6,182	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
43	6,617	6,617	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
44	6,356	6,356	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
45	6,830	6,831	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
46	7,099	7,099	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
47	7,232	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
48	7,510	7,510	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
49	7,650	7,651	<b>4.05</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
50	8,256	8,257	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
51	8,283	8,284	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
52	8,389	8,390	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
53	8,157	8,157	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
54	9,249	9,249	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
55	7,642	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
56	7,863	7,864	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
57	7,656	7,657	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
58	7,739	7,740	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
59	8,041	8,042	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
60	8,100	8,101	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
61	7,999	7,999	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
62	8,560	8,561	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
63	8,672	8,673	<b>2.29</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
64	8,509	8,509	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
65	8,395	8,396	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
66	8,619	8,620	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
67	9,541	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
68	9,765	9,766	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
69	9,644	9,645	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
70	9,613	9,614	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
71	9,773	9,774	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
72	10,283	10,284	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
73	10,248	10,249	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
74	11,077	11,077	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
75	11,421	11,422	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
76	11,553	11,553	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
77	11,948	11,949	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
78	12,335	12,335	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
79	13,330	13,330	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
80	13,462	13,462	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
81	14,178	14,178	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
82	14,181	14,181	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
83	14,477	14,477	<b>-4.74</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
84	15,267	15,268	<b>-5.45</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
85	15,394	15,394	<b>-5.56</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
86	15,667	15,667	<b>-5.80</b>	105.0	0.00	94.90	-	-	0.00	0.00	-	0.00
87	15,602	15,602	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
88	14,760	14,761	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
89	15,437	15,437	<b>-5.60</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
90	15,341	15,342	<b>-5.52</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
91	15,971	15,971	<b>-6.05</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00
92	16,037	16,038	<b>-6.11</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
93	15,458	15,459	<b>-5.62</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
94	16,246	16,247	<b>-6.28</b>	105.0	0.00	95.22	-	-	0.00	0.00	-	0.00
95	16,187	16,187	<b>-6.23</b>	105.0	0.00	95.18	-	-	0.00	0.00	-	0.00
96	16,806	16,806	<b>-6.73</b>	105.0	0.00	95.51	-	-	0.00	0.00	-	0.00
97	17,332	17,333	<b>-7.14</b>	105.0	0.00	95.78	-	-	0.00	0.00	-	0.00
98	16,892	16,893	<b>-6.80</b>	105.0	0.00	95.55	-	-	0.00	0.00	-	0.00
99	16,896	16,896	<b>-6.80</b>	105.0	0.00	95.56	-	-	0.00	0.00	-	0.00
100	17,594	17,595	<b>-7.34</b>	105.0	0.00	95.91	-	-	0.00	0.00	-	0.00

Sum 40.49

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H352 H352

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,503	2,504	<b>19.07</b>	105.0	0.00	78.97	-	-	0.00	0.00	-	0.00
	2	1,946	1,949	<b>22.36</b>	105.0	0.00	76.80	-	-	0.00	0.00	-	0.00
	3	1,667	1,670	<b>24.34</b>	105.0	0.00	75.46	-	-	0.00	0.00	-	0.00
	4	3,355	3,356	<b>15.40</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
	5	3,018	3,019	<b>16.75</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
	6	1,898	1,901	<b>22.69</b>	105.0	0.00	76.58	-	-	0.00	0.00	-	0.00
	7	1,529	1,533	<b>25.41</b>	105.0	0.00	74.71	-	-	0.00	0.00	-	0.00
	8	1,074	1,078	<b>29.67</b>	105.0	0.00	71.65	-	-	0.00	0.00	-	0.00
	9	1,995	1,998	<b>22.03</b>	105.0	0.00	77.01	-	-	0.00	0.00	-	0.00
	10	1,778	1,781	<b>23.52</b>	105.0	0.00	76.02	-	-	0.00	0.00	-	0.00
	11	1,804	1,806	<b>23.34</b>	105.0	0.00	76.13	-	-	0.00	0.00	-	0.00
	12	2,376	2,378	<b>19.73</b>	105.0	0.00	78.52	-	-	0.00	0.00	-	0.00
	13	2,399	2,400	<b>19.60</b>	105.0	0.00	78.60	-	-	0.00	0.00	-	0.00
	14	2,569	2,570	<b>18.75</b>	105.0	0.00	79.20	-	-	0.00	0.00	-	0.00
	15	3,418	3,419	<b>15.15</b>	105.0	0.00	81.68	-	-	0.00	0.00	-	0.00
	16	2,998	3,000	<b>16.84</b>	105.0	0.00	80.54	-	-	0.00	0.00	-	0.00
	17	3,509	3,509	<b>14.81</b>	105.0	0.00	81.90	-	-	0.00	0.00	-	0.00
	18	4,105	4,105	<b>12.72</b>	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
	19	4,030	4,030	<b>12.97</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
	20	5,006	5,006	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
	21	5,184	5,185	<b>9.51</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
	22	4,533	4,535	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
	23	5,428	5,429	<b>8.87</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
	24	4,804	4,805	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
	25	5,397	5,398	<b>8.95</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
	26	5,073	5,074	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
	27	5,646	5,647	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
	28	6,242	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
	29	6,012	6,013	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
	30	6,429	6,430	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
	31	6,815	6,816	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
	32	6,655	6,655	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
	33	7,885	7,885	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
	34	8,575	8,575	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
	35	6,338	6,339	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
	36	6,316	6,317	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
	37	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
	38	7,025	7,025	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
	39	6,640	6,641	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
	40	6,153	6,153	<b>7.12</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
	41	6,963	6,964	<b>5.38</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
	42	6,515	6,515	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
	43	6,899	6,900	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
	44	6,755	6,756	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
	45	7,202	7,202	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
	46	7,510	7,511	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
	47	7,475	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
	48	7,715	7,715	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	49	7,820	7,821	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
	50	8,493	8,493	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
	51	8,490	8,490	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
	52	8,567	8,567	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
	53	8,267	8,267	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
	54	9,285	9,286	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
	55	8,243	8,244	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
	56	8,446	8,447	<b>2.66</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	57	8,218	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
	58	8,273	8,273	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
	59	8,475	8,475	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	8,509	8,510	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
61	8,351	8,351	<b>2.82</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
62	8,957	8,958	<b>1.84</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
63	9,045	9,046	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
64	8,821	8,821	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
65	8,677	8,677	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
66	9,203	9,204	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
67	10,032	10,033	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
68	10,268	10,268	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
69	10,113	10,114	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
70	10,062	10,063	<b>0.22</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
71	10,194	10,195	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
72	10,691	10,692	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
73	10,717	10,717	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
74	11,608	11,608	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
75	11,932	11,932	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
76	12,047	12,048	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
77	12,354	12,355	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
78	12,811	12,812	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
79	13,754	13,754	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
80	13,804	13,804	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
81	14,541	14,541	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
82	14,529	14,530	<b>-4.79</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
83	14,769	14,769	<b>-5.01</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
84	15,571	15,572	<b>-5.72</b>	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
85	15,685	15,685	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
86	15,946	15,947	<b>-6.03</b>	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
87	16,019	16,020	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
88	15,139	15,140	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
89	15,809	15,809	<b>-5.92</b>	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
90	15,695	15,696	<b>-5.82</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
91	16,338	16,338	<b>-6.36</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
92	16,391	16,391	<b>-6.40</b>	105.0	0.00	95.29	-	-	0.00	0.00	-	0.00
93	15,781	15,781	<b>-5.89</b>	105.0	0.00	94.96	-	-	0.00	0.00	-	0.00
94	16,704	16,704	<b>-6.65</b>	105.0	0.00	95.46	-	-	0.00	0.00	-	0.00
95	16,631	16,632	<b>-6.59</b>	105.0	0.00	95.42	-	-	0.00	0.00	-	0.00
96	17,240	17,240	<b>-7.07</b>	105.0	0.00	95.73	-	-	0.00	0.00	-	0.00
97	17,713	17,713	<b>-7.43</b>	105.0	0.00	95.97	-	-	0.00	0.00	-	0.00
98	17,259	17,259	<b>-7.08</b>	105.0	0.00	95.74	-	-	0.00	0.00	-	0.00
99	17,245	17,245	<b>-7.07</b>	105.0	0.00	95.73	-	-	0.00	0.00	-	0.00
100	17,956	17,957	<b>-7.61</b>	105.0	0.00	96.08	-	-	0.00	0.00	-	0.00

Sum 35.16

- Data undefined due to calculation with octave data

### Noise sensitive area: H353 H353

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,919	2,920	<b>17.18</b>	105.0	0.00	80.31	-	-	0.00	0.00	-	0.00
2	2,369	2,372	<b>19.77</b>	105.0	0.00	78.50	-	-	0.00	0.00	-	0.00
3	2,075	2,078	<b>21.52</b>	105.0	0.00	77.35	-	-	0.00	0.00	-	0.00
4	3,715	3,716	<b>14.06</b>	105.0	0.00	82.40	-	-	0.00	0.00	-	0.00
5	3,356	3,358	<b>15.39</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
6	2,228	2,231	<b>20.59</b>	105.0	0.00	77.97	-	-	0.00	0.00	-	0.00
7	1,807	1,810	<b>23.31</b>	105.0	0.00	76.16	-	-	0.00	0.00	-	0.00
8	1,221	1,225	<b>28.16</b>	105.0	0.00	72.76	-	-	0.00	0.00	-	0.00
9	2,172	2,174	<b>20.92</b>	105.0	0.00	77.75	-	-	0.00	0.00	-	0.00
10	1,902	1,906	<b>22.65</b>	105.0	0.00	76.60	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	1,518	1,520	<b>25.52</b>	105.0	0.00	74.64	-	-	0.00	0.00	-	0.00
12	2,252	2,254	<b>20.45</b>	105.0	0.00	78.06	-	-	0.00	0.00	-	0.00
13	2,154	2,156	<b>21.04</b>	105.0	0.00	77.67	-	-	0.00	0.00	-	0.00
14	2,211	2,212	<b>20.70</b>	105.0	0.00	77.90	-	-	0.00	0.00	-	0.00
15	3,115	3,116	<b>16.35</b>	105.0	0.00	80.87	-	-	0.00	0.00	-	0.00
16	2,928	2,930	<b>17.13</b>	105.0	0.00	80.34	-	-	0.00	0.00	-	0.00
17	3,263	3,264	<b>15.76</b>	105.0	0.00	81.28	-	-	0.00	0.00	-	0.00
18	3,810	3,810	<b>13.72</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
19	3,834	3,835	<b>13.64</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
20	4,701	4,702	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
21	4,864	4,865	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
22	4,634	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
23	5,523	5,525	<b>8.63</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
24	4,721	4,722	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
25	5,291	5,292	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
26	4,927	4,928	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
27	5,456	5,457	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
28	6,059	6,060	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
29	5,768	5,769	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
30	6,167	6,168	<b>7.08</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
31	6,534	6,535	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
32	6,423	6,423	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
33	7,576	7,577	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
34	8,263	8,263	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
35	6,409	6,410	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
36	6,353	6,354	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
37	7,103	7,104	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
38	7,065	7,066	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
39	6,636	6,637	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
40	6,094	6,095	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
41	6,883	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
42	6,366	6,367	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
43	6,718	6,718	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
44	6,650	6,651	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
45	7,075	7,076	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
46	7,409	7,410	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
47	7,268	7,269	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
48	7,486	7,487	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
49	7,574	7,574	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
50	8,279	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
51	8,261	8,261	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
52	8,322	8,322	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
53	7,989	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
54	8,973	8,974	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
55	8,304	8,305	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
56	8,487	8,488	<b>2.60</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
57	8,239	8,240	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
58	8,266	8,267	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
59	8,387	8,387	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
60	8,404	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
61	8,207	8,208	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
62	8,842	8,843	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
63	8,913	8,914	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
64	8,651	8,651	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
65	8,489	8,489	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
66	9,244	9,245	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
67	9,986	9,986	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
68	10,230	10,231	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
69	10,048	10,049	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	9,983	9,983	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
71	10,093	10,094	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
72	10,580	10,580	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
73	10,650	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
74	11,593	11,593	<b>-1.73</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
75	11,898	11,899	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
76	12,000	12,001	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
77	12,239	12,239	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
78	12,749	12,749	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
79	13,650	13,650	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
80	13,644	13,644	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
81	14,394	14,395	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
82	14,373	14,374	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
83	14,577	14,578	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
84	15,387	15,387	<b>-5.56</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
85	15,492	15,492	<b>-5.65</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
86	15,746	15,747	<b>-5.87</b>	105.0	0.00	94.94	-	-	0.00	0.00	-	0.00
87	15,908	15,909	<b>-6.00</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
88	15,002	15,003	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
89	15,666	15,667	<b>-5.80</b>	105.0	0.00	94.90	-	-	0.00	0.00	-	0.00
90	15,542	15,542	<b>-5.69</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00
91	16,192	16,193	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
92	16,236	16,236	<b>-6.27</b>	105.0	0.00	95.21	-	-	0.00	0.00	-	0.00
93	15,607	15,607	<b>-5.75</b>	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
94	16,622	16,623	<b>-6.59</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
95	16,540	16,540	<b>-6.52</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
96	17,140	17,140	<b>-6.99</b>	105.0	0.00	95.68	-	-	0.00	0.00	-	0.00
97	17,576	17,576	<b>-7.33</b>	105.0	0.00	95.90	-	-	0.00	0.00	-	0.00
98	17,112	17,112	<b>-6.97</b>	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
99	17,087	17,088	<b>-6.95</b>	105.0	0.00	95.65	-	-	0.00	0.00	-	0.00
100	17,806	17,807	<b>-7.50</b>	105.0	0.00	96.01	-	-	0.00	0.00	-	0.00

Sum 34.39

- Data undefined due to calculation with octave data

### Noise sensitive area: H354 H354

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,372	3,373	<b>15.33</b>	105.0	0.00	81.56	-	-	0.00	0.00	-	0.00
2	2,913	2,915	<b>17.20</b>	105.0	0.00	80.29	-	-	0.00	0.00	-	0.00
3	2,519	2,521	<b>18.99</b>	105.0	0.00	79.03	-	-	0.00	0.00	-	0.00
4	3,885	3,887	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
5	3,467	3,469	<b>14.97</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
6	2,385	2,387	<b>19.68</b>	105.0	0.00	78.56	-	-	0.00	0.00	-	0.00
7	1,880	1,883	<b>22.81</b>	105.0	0.00	76.50	-	-	0.00	0.00	-	0.00
8	1,159	1,162	<b>28.78</b>	105.0	0.00	72.31	-	-	0.00	0.00	-	0.00
9	1,967	1,970	<b>22.22</b>	105.0	0.00	76.89	-	-	0.00	0.00	-	0.00
10	1,625	1,629	<b>24.66</b>	105.0	0.00	75.24	-	-	0.00	0.00	-	0.00
11	660	665	<b>35.18</b>	105.0	0.00	67.46	-	-	0.00	0.00	-	0.00
12	1,501	1,503	<b>25.66</b>	105.0	0.00	74.54	-	-	0.00	0.00	-	0.00
13	1,300	1,302	<b>27.42</b>	105.0	0.00	73.29	-	-	0.00	0.00	-	0.00
14	1,433	1,434	<b>26.24</b>	105.0	0.00	74.13	-	-	0.00	0.00	-	0.00
15	2,268	2,269	<b>20.36</b>	105.0	0.00	78.12	-	-	0.00	0.00	-	0.00
16	2,223	2,225	<b>20.62</b>	105.0	0.00	77.95	-	-	0.00	0.00	-	0.00
17	2,406	2,407	<b>19.57</b>	105.0	0.00	78.63	-	-	0.00	0.00	-	0.00
18	2,959	2,960	<b>17.01</b>	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
19	2,993	2,995	<b>16.86</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
20	3,856	3,856	<b>13.56</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	4,030	4,030	<b>12.97</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
22	4,153	4,155	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
23	5,018	5,020	<b>9.96</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
24	3,970	3,971	<b>13.17</b>	105.0	0.00	82.98	-	-	0.00	0.00	-	0.00
25	4,511	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
26	4,114	4,115	<b>12.69</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
27	4,614	4,615	<b>11.12</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
28	5,220	5,220	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
29	4,910	4,911	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
30	5,309	5,310	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
31	5,680	5,680	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
32	5,566	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
33	6,734	6,735	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
34	7,423	7,423	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
35	5,852	5,853	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
36	5,743	5,744	<b>8.08</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
37	6,530	6,531	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
38	6,455	6,456	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
39	5,966	5,967	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
40	5,360	5,361	<b>9.05</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
41	6,123	6,124	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
42	5,547	5,548	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
43	5,878	5,879	<b>7.76</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
44	5,865	5,866	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
45	6,271	6,271	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
46	6,626	6,627	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
47	6,418	6,418	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
48	6,630	6,631	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
49	6,715	6,716	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
50	7,426	7,427	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
51	7,404	7,404	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
52	7,463	7,464	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
53	7,134	7,134	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
54	8,134	8,134	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
55	7,718	7,719	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
56	7,870	7,871	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
57	7,594	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
58	7,586	7,587	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
59	7,613	7,614	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
60	7,615	7,616	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
61	7,388	7,389	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
62	8,044	8,045	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
63	8,102	8,103	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
64	7,815	7,816	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
65	7,644	7,645	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
66	8,624	8,625	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
67	9,252	9,252	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
68	9,506	9,507	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
69	9,295	9,296	<b>1.33</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
70	9,214	9,215	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
71	9,305	9,306	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
72	9,782	9,783	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
73	9,894	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
74	10,892	10,893	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
75	11,175	11,176	<b>-1.22</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
76	11,263	11,263	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
77	11,437	11,437	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
78	11,994	11,994	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
79	12,856	12,857	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	12,811	12,812	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
81	13,569	13,570	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
82	13,542	13,543	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
83	13,730	13,730	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
84	14,542	14,542	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
85	14,643	14,644	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
86	14,896	14,896	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
87	15,107	15,108	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
88	14,183	14,184	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
89	14,843	14,844	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
90	14,712	14,712	<b>-4.96</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
91	15,367	15,368	<b>-5.54</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00
92	15,405	15,406	<b>-5.57</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
93	14,767	14,767	<b>-5.01</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
94	15,846	15,847	<b>-5.95</b>	105.0	0.00	95.00	-	-	0.00	0.00	-	0.00
95	15,755	15,755	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
96	16,348	16,348	<b>-6.36</b>	105.0	0.00	95.27	-	-	0.00	0.00	-	0.00
97	16,755	16,756	<b>-6.69</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00
98	16,286	16,286	<b>-6.31</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
99	16,255	16,255	<b>-6.29</b>	105.0	0.00	95.22	-	-	0.00	0.00	-	0.00
100	16,978	16,979	<b>-6.87</b>	105.0	0.00	95.60	-	-	0.00	0.00	-	0.00

Sum 38.51

- Data undefined due to calculation with octave data

### Noise sensitive area: H355 H355

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,158	10,158	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
2	10,081	10,082	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
3	9,587	9,588	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
4	9,521	9,522	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
5	9,125	9,125	<b>1.58</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
6	8,867	8,868	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
7	8,548	8,549	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
8	8,262	8,263	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
9	7,924	7,924	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
10	7,809	7,810	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
11	7,320	7,320	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
12	6,704	6,705	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
13	6,669	6,669	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
14	6,896	6,896	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
15	5,845	5,846	<b>7.84</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
16	6,254	6,255	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
17	5,567	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
18	5,174	5,174	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
19	5,008	5,009	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
20	4,451	4,451	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
21	4,470	4,471	<b>11.56</b>	105.0	0.00	84.01	-	-	0.00	0.00	-	0.00
22	6,482	6,483	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
23	6,219	6,220	<b>6.97</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
24	4,697	4,698	<b>10.88</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
25	4,058	4,059	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
26	4,104	4,105	<b>12.72</b>	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
27	3,411	3,412	<b>15.18</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
28	2,846	2,848	<b>17.49</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
29	3,099	3,100	<b>16.42</b>	105.0	0.00	80.83	-	-	0.00	0.00	-	0.00
30	2,823	2,824	<b>17.60</b>	105.0	0.00	80.02	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	2,708	2,709	<b>18.11</b>	105.0	0.00	79.66	-	-	0.00	0.00	-	0.00
32	2,420	2,421	<b>19.49</b>	105.0	0.00	78.68	-	-	0.00	0.00	-	0.00
33	2,652	2,653	<b>18.37</b>	105.0	0.00	79.48	-	-	0.00	0.00	-	0.00
34	2,616	2,617	<b>18.53</b>	105.0	0.00	79.36	-	-	0.00	0.00	-	0.00
35	5,760	5,761	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
36	5,251	5,252	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
37	5,632	5,633	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
38	5,227	5,228	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
39	4,576	4,578	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
40	4,021	4,022	<b>13.00</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
41	3,339	3,341	<b>15.46</b>	105.0	0.00	81.48	-	-	0.00	0.00	-	0.00
42	2,811	2,812	<b>17.65</b>	105.0	0.00	79.98	-	-	0.00	0.00	-	0.00
43	2,228	2,230	<b>20.59</b>	105.0	0.00	77.97	-	-	0.00	0.00	-	0.00
44	3,093	3,094	<b>16.44</b>	105.0	0.00	80.81	-	-	0.00	0.00	-	0.00
45	2,540	2,541	<b>18.89</b>	105.0	0.00	79.10	-	-	0.00	0.00	-	0.00
46	2,779	2,781	<b>17.78</b>	105.0	0.00	79.89	-	-	0.00	0.00	-	0.00
47	1,567	1,569	<b>25.12</b>	105.0	0.00	74.91	-	-	0.00	0.00	-	0.00
48	1,366	1,369	<b>26.81</b>	105.0	0.00	73.73	-	-	0.00	0.00	-	0.00
49	1,443	1,445	<b>26.14</b>	105.0	0.00	74.20	-	-	0.00	0.00	-	0.00
50	543	551	<b>37.22</b>	105.0	0.00	65.82	-	-	0.00	0.00	-	0.00
51	661	667	<b>35.14</b>	105.0	0.00	67.49	-	-	0.00	0.00	-	0.00
52	889	893	<b>31.86</b>	105.0	0.00	70.02	-	-	0.00	0.00	-	0.00
53	1,748	1,750	<b>23.74</b>	105.0	0.00	75.86	-	-	0.00	0.00	-	0.00
54	2,676	2,677	<b>18.26</b>	105.0	0.00	79.55	-	-	0.00	0.00	-	0.00
55	5,721	5,722	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
56	5,379	5,381	<b>9.00</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
57	4,937	4,938	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
58	4,430	4,431	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
59	2,816	2,818	<b>17.62</b>	105.0	0.00	80.00	-	-	0.00	0.00	-	0.00
60	2,461	2,464	<b>19.26</b>	105.0	0.00	78.83	-	-	0.00	0.00	-	0.00
61	1,710	1,713	<b>24.02</b>	105.0	0.00	75.67	-	-	0.00	0.00	-	0.00
62	2,268	2,270	<b>20.35</b>	105.0	0.00	78.12	-	-	0.00	0.00	-	0.00
63	1,909	1,912	<b>22.61</b>	105.0	0.00	76.63	-	-	0.00	0.00	-	0.00
64	1,052	1,056	<b>29.92</b>	105.0	0.00	71.48	-	-	0.00	0.00	-	0.00
65	705	710	<b>34.45</b>	105.0	0.00	68.02	-	-	0.00	0.00	-	0.00
66	5,600	5,602	<b>8.43</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
67	4,084	4,086	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
68	4,394	4,395	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
69	3,736	3,738	<b>13.98</b>	105.0	0.00	82.45	-	-	0.00	0.00	-	0.00
70	3,389	3,391	<b>15.26</b>	105.0	0.00	81.61	-	-	0.00	0.00	-	0.00
71	3,002	3,004	<b>16.82</b>	105.0	0.00	80.55	-	-	0.00	0.00	-	0.00
72	3,084	3,086	<b>16.48</b>	105.0	0.00	80.79	-	-	0.00	0.00	-	0.00
73	4,025	4,026	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
74	5,655	5,656	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
75	5,494	5,495	<b>8.70</b>	105.0	0.00	85.80	-	-	0.00	0.00	-	0.00
76	5,305	5,307	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
77	4,292	4,293	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
78	5,591	5,592	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
79	5,699	5,700	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
80	5,051	5,051	<b>9.88</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
81	5,891	5,892	<b>7.73</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
82	5,787	5,788	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
83	5,788	5,789	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
84	6,616	6,617	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
85	6,694	6,695	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
86	6,934	6,935	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
87	7,711	7,711	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
88	6,570	6,572	<b>6.19</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
89	7,162	7,163	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	6,947	6,948	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
91	7,648	7,649	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
92	7,621	7,622	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
93	6,884	6,885	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
94	8,747	8,748	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
95	8,544	8,545	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
96	9,017	9,018	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
97	9,068	9,069	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
98	8,540	8,541	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
99	8,439	8,440	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
100	9,202	9,203	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00

Sum 42.43

- Data undefined due to calculation with octave data

### Noise sensitive area: H356 H356

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	13,207	13,208	<b>-3.50</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
2	12,999	12,999	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
3	12,510	12,511	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
4	12,825	12,825	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
5	12,389	12,390	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
6	11,901	11,902	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
7	11,494	11,494	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
8	11,041	11,042	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
9	10,955	10,956	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
10	10,755	10,757	<b>-0.70</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
11	9,769	9,770	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
12	9,495	9,496	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
13	9,207	9,208	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
14	9,079	9,080	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
15	8,155	8,155	<b>3.16</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
16	9,260	9,261	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
17	8,137	8,138	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
18	7,471	7,472	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
19	7,836	7,836	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
20	6,567	6,568	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
21	6,398	6,399	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
22	10,040	10,041	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
23	9,925	9,926	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
24	8,072	8,073	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
25	7,503	7,505	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
26	7,330	7,332	<b>4.65</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
27	6,529	6,530	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
28	6,140	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
29	5,794	5,796	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
30	5,295	5,296	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
31	4,825	4,826	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
32	5,324	5,326	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
33	3,688	3,690	<b>14.15</b>	105.0	0.00	82.34	-	-	0.00	0.00	-	0.00
34	2,999	3,001	<b>16.83</b>	105.0	0.00	80.54	-	-	0.00	0.00	-	0.00
35	9,573	9,574	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
36	9,056	9,057	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
37	9,496	9,497	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
38	9,090	9,091	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
39	8,402	8,404	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
40	7,734	7,736	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,156	7,157	<b>4.99</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
42	6,372	6,374	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
43	5,703	5,705	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
44	6,839	6,841	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
45	6,325	6,327	<b>6.73</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
46	6,639	6,641	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
47	4,974	4,975	<b>10.09</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
48	4,505	4,507	<b>11.45</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
49	4,187	4,189	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
50	4,202	4,204	<b>12.40</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
51	3,924	3,926	<b>13.32</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
52	3,616	3,619	<b>14.41</b>	105.0	0.00	82.17	-	-	0.00	0.00	-	0.00
53	3,465	3,468	<b>14.97</b>	105.0	0.00	81.80	-	-	0.00	0.00	-	0.00
54	2,288	2,291	<b>20.23</b>	105.0	0.00	78.20	-	-	0.00	0.00	-	0.00
55	9,590	9,591	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
56	9,236	9,237	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
57	8,803	8,804	<b>2.08</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
58	8,290	8,292	<b>2.92</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
59	6,662	6,663	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
60	6,308	6,310	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
61	5,588	5,589	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
62	6,034	6,036	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
63	5,655	5,657	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
64	4,895	4,897	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
65	4,584	4,586	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
66	9,393	9,394	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
67	7,618	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
68	7,885	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
69	7,207	7,208	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
70	6,839	6,841	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
71	6,339	6,341	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
72	6,143	6,145	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
73	7,287	7,289	<b>4.73</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
74	8,866	8,867	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
75	8,523	8,525	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
76	8,220	8,222	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
77	6,500	6,502	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
78	8,144	8,146	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
79	7,488	7,490	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
80	5,921	5,922	<b>7.65</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
81	6,746	6,748	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
82	6,466	6,468	<b>6.42</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
83	5,637	5,639	<b>8.34</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
84	6,405	6,407	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
85	6,277	6,279	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
86	6,304	6,306	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
87	8,748	8,749	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
88	7,419	7,420	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
89	7,736	7,738	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
90	7,340	7,341	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
91	8,043	8,044	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
92	7,835	7,836	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
93	6,859	6,861	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
94	10,055	10,056	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
95	9,732	9,733	<b>0.69</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
96	9,968	9,970	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
97	9,341	9,343	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
98	8,728	8,730	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
99	8,429	8,431	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
100	9,220	9,222	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00

Sum 27.79

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H357 H357

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,254	15,255	<b>-5.44</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
	2	15,098	15,099	<b>-5.30</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
	3	14,605	14,605	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
	4	14,743	14,743	<b>-4.98</b>	105.0	0.00	94.37	-	-	0.00	0.00	-	0.00
	5	14,327	14,327	<b>-4.60</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
	6	13,947	13,948	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
	7	13,572	13,573	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
	8	13,175	13,176	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
	9	12,995	12,995	<b>-3.28</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
	10	12,828	12,828	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
	11	11,985	11,985	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
	12	11,609	11,609	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
	13	11,393	11,393	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
	14	11,346	11,346	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
	15	10,380	10,380	<b>-0.21</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	16	11,293	11,293	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
	17	10,296	10,297	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
	18	9,685	9,686	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
	19	9,910	9,911	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
	20	8,797	8,798	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
	21	8,660	8,660	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
	22	11,775	11,775	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
	23	11,518	11,519	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
	24	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
	25	9,299	9,300	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	26	9,238	9,239	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
	27	8,463	8,464	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
	28	7,987	7,988	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
	29	7,847	7,848	<b>3.70</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
	30	7,384	7,384	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
	31	6,970	6,971	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
	32	7,285	7,286	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
	33	5,946	5,947	<b>7.60</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
	34	5,284	5,285	<b>9.25</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
	35	11,012	11,013	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
	36	10,515	10,515	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
	37	10,800	10,801	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
	38	10,405	10,406	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
	39	9,827	9,828	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
	40	9,323	9,324	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
	41	8,613	8,614	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
	42	8,078	8,079	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
	43	7,446	7,447	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
	44	8,394	8,395	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
	45	7,837	7,838	<b>3.71</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
	46	8,013	8,014	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
	47	6,719	6,720	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
	48	6,319	6,320	<b>6.74</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
	49	6,091	6,092	<b>7.26</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
	50	5,771	5,772	<b>8.02</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
	51	5,602	5,603	<b>8.43</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
	52	5,394	5,395	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
	53	5,527	5,528	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
	54	4,588	4,589	<b>11.20</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
	55	10,645	10,646	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
	56	10,242	10,243	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
	57	9,861	9,862	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
	58	9,345	9,345	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
	59	7,751	7,752	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,423	7,424	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
61	6,858	6,859	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
62	7,034	7,035	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
63	6,671	6,672	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
64	6,128	6,129	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
65	5,952	5,953	<b>7.58</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
66	10,227	10,228	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
67	8,206	8,208	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
68	8,407	8,408	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
69	7,770	7,771	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
70	7,424	7,425	<b>4.47</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
71	6,892	6,894	<b>5.52</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
72	6,522	6,524	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
73	7,660	7,661	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
74	9,046	9,047	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
75	8,581	8,582	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
76	8,217	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
77	6,249	6,250	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
78	7,886	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
79	6,810	6,811	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
80	4,958	4,959	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
81	5,612	5,614	<b>8.40</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
82	5,276	5,277	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
83	4,116	4,118	<b>12.68</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
84	4,716	4,717	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
85	4,494	4,496	<b>11.48</b>	105.0	0.00	84.06	-	-	0.00	0.00	-	0.00
86	4,408	4,410	<b>11.75</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
87	7,474	7,475	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
88	6,181	6,182	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
89	6,305	6,307	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
90	5,855	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
91	6,482	6,484	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
92	6,200	6,201	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
93	5,208	5,209	<b>9.45</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
94	8,831	8,832	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
95	8,463	8,464	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
96	8,552	8,554	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
97	7,618	7,619	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
98	7,005	7,007	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
99	6,633	6,634	<b>6.06</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
100	7,384	7,386	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00

Sum 25.22

- Data undefined due to calculation with octave data

### Noise sensitive area: H358 H358

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,991	15,992	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
2	15,945	15,946	<b>-6.03</b>	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
3	15,452	15,453	<b>-5.61</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
4	15,253	15,253	<b>-5.44</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
5	14,884	14,884	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
6	14,715	14,716	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
7	14,416	14,416	<b>-4.68</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
8	14,145	14,145	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
9	13,780	13,781	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
10	13,681	13,681	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	13,172	13,172	<b>-3.47</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
12	12,587	12,587	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
13	12,529	12,529	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
14	12,679	12,680	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
15	11,644	11,645	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
16	12,128	12,128	<b>-2.34</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
17	11,420	11,420	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
18	10,953	10,954	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
19	10,888	10,888	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
20	10,143	10,144	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
21	10,087	10,087	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
22	12,090	12,090	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
23	11,633	11,634	<b>-1.78</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
24	10,501	10,501	<b>-0.37</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
25	9,850	9,851	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
26	9,969	9,969	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
27	9,294	9,294	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
28	8,722	8,722	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
29	8,919	8,919	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
30	8,555	8,555	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
31	8,274	8,274	<b>2.95</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
32	8,260	8,261	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
33	7,552	7,552	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
34	7,008	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
35	10,937	10,937	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
36	10,497	10,498	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
37	10,556	10,556	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
38	10,199	10,200	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
39	9,810	9,811	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
40	9,571	9,572	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
41	8,742	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
42	8,601	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
43	8,085	8,086	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
44	8,675	8,676	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
45	8,117	8,118	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
46	8,093	8,093	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
47	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
48	7,197	7,198	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
49	7,124	7,125	<b>5.06</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
50	6,426	6,426	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
51	6,423	6,423	<b>6.51</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
52	6,377	6,378	<b>6.61</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
53	6,860	6,860	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
54	6,422	6,422	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
55	10,086	10,087	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
56	9,650	9,651	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
57	9,364	9,364	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
58	8,884	8,884	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
59	7,501	7,502	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
60	7,248	7,248	<b>4.81</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
61	6,959	6,959	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
62	6,773	6,774	<b>5.77</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
63	6,488	6,489	<b>6.37</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
64	6,307	6,308	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
65	6,329	6,330	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
66	9,425	9,426	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
67	7,292	7,293	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
68	7,393	7,394	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
69	6,879	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,604	6,605	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
71	6,118	6,119	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
72	5,606	5,607	<b>8.42</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
73	6,559	6,560	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
74	7,581	7,582	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
75	7,022	7,023	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
76	6,626	6,627	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
77	4,640	4,641	<b>11.05</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
78	6,051	6,051	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
79	4,646	4,647	<b>11.03</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
80	2,769	2,770	<b>17.83</b>	105.0	0.00	79.85	-	-	0.00	0.00	-	0.00
81	3,125	3,127	<b>16.31</b>	105.0	0.00	80.90	-	-	0.00	0.00	-	0.00
82	2,774	2,776	<b>17.81</b>	105.0	0.00	79.87	-	-	0.00	0.00	-	0.00
83	1,443	1,447	<b>26.13</b>	105.0	0.00	74.21	-	-	0.00	0.00	-	0.00
84	1,868	1,871	<b>22.89</b>	105.0	0.00	76.44	-	-	0.00	0.00	-	0.00
85	1,628	1,631	<b>24.64</b>	105.0	0.00	75.25	-	-	0.00	0.00	-	0.00
86	1,559	1,563	<b>25.17</b>	105.0	0.00	74.88	-	-	0.00	0.00	-	0.00
87	4,757	4,758	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
88	3,550	3,551	<b>14.66</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
89	3,534	3,536	<b>14.71</b>	105.0	0.00	81.97	-	-	0.00	0.00	-	0.00
90	3,069	3,071	<b>16.54</b>	105.0	0.00	80.74	-	-	0.00	0.00	-	0.00
91	3,647	3,649	<b>14.30</b>	105.0	0.00	82.24	-	-	0.00	0.00	-	0.00
92	3,346	3,347	<b>15.43</b>	105.0	0.00	81.49	-	-	0.00	0.00	-	0.00
93	2,363	2,365	<b>19.80</b>	105.0	0.00	78.48	-	-	0.00	0.00	-	0.00
94	6,109	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
95	5,724	5,725	<b>8.13</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
96	5,743	5,744	<b>8.08</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
97	4,750	4,752	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
98	4,138	4,139	<b>12.61</b>	105.0	0.00	83.34	-	-	0.00	0.00	-	0.00
99	3,770	3,771	<b>13.86</b>	105.0	0.00	82.53	-	-	0.00	0.00	-	0.00
100	4,533	4,534	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00

Sum 32.86

- Data undefined due to calculation with octave data

### Noise sensitive area: H359 H359

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,381	11,382	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
2	11,682	11,682	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
3	11,297	11,297	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
4	10,121	10,121	<b>0.14</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
5	9,976	9,976	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
6	10,489	10,490	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
7	10,501	10,502	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
8	10,700	10,700	<b>-0.62</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
9	9,863	9,864	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
10	10,005	10,006	<b>0.30</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
11	10,716	10,716	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
12	9,667	9,667	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
13	10,131	10,131	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
14	10,861	10,861	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
15	9,993	9,993	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
16	8,934	8,934	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
17	9,423	9,423	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
18	9,613	9,613	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
19	8,683	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
20	9,434	9,434	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	9,649	9,650	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
22	7,305	7,306	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
23	6,429	6,430	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
24	7,302	7,302	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
25	6,936	6,936	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
26	7,516	7,516	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
27	7,563	7,564	<b>4.21</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
28	7,128	7,129	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
29	8,130	8,130	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
30	8,291	8,291	<b>2.92</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
31	8,568	8,568	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
32	7,680	7,680	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
33	9,145	9,145	<b>1.55</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
34	9,287	9,287	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
35	5,473	5,474	<b>8.76</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
36	5,450	5,450	<b>8.82</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
37	4,767	4,768	<b>10.67</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
38	4,742	4,742	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
39	5,195	5,196	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
40	5,933	5,934	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
41	5,398	5,398	<b>8.95</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
42	6,507	6,507	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
43	6,747	6,748	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
44	5,832	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
45	5,773	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
46	5,213	5,214	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
47	6,928	6,928	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
48	7,279	7,279	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
49	7,648	7,648	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
50	6,783	6,783	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
51	7,150	7,150	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
52	7,510	7,510	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
53	8,329	8,329	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
54	9,393	9,393	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
55	3,579	3,580	<b>14.55</b>	105.0	0.00	82.08	-	-	0.00	0.00	-	0.00
56	3,324	3,325	<b>15.52</b>	105.0	0.00	81.44	-	-	0.00	0.00	-	0.00
57	3,561	3,562	<b>14.62</b>	105.0	0.00	82.03	-	-	0.00	0.00	-	0.00
58	3,615	3,616	<b>14.42</b>	105.0	0.00	82.16	-	-	0.00	0.00	-	0.00
59	4,364	4,364	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
60	4,624	4,624	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
61	5,391	5,391	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
62	4,562	4,563	<b>11.28</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
63	4,861	4,862	<b>10.41</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
64	5,747	5,747	<b>8.08</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
65	6,180	6,180	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
66	2,570	2,571	<b>18.75</b>	105.0	0.00	79.20	-	-	0.00	0.00	-	0.00
67	2,657	2,658	<b>18.34</b>	105.0	0.00	79.49	-	-	0.00	0.00	-	0.00
68	2,335	2,337	<b>19.96</b>	105.0	0.00	78.37	-	-	0.00	0.00	-	0.00
69	2,983	2,984	<b>16.90</b>	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00
70	3,334	3,335	<b>15.48</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
71	3,778	3,779	<b>13.83</b>	105.0	0.00	82.55	-	-	0.00	0.00	-	0.00
72	3,935	3,935	<b>13.29</b>	105.0	0.00	82.90	-	-	0.00	0.00	-	0.00
73	2,791	2,792	<b>17.74</b>	105.0	0.00	79.92	-	-	0.00	0.00	-	0.00
74	1,268	1,271	<b>27.71</b>	105.0	0.00	73.08	-	-	0.00	0.00	-	0.00
75	1,796	1,798	<b>23.40</b>	105.0	0.00	76.10	-	-	0.00	0.00	-	0.00
76	2,192	2,193	<b>20.81</b>	105.0	0.00	77.82	-	-	0.00	0.00	-	0.00
77	4,194	4,195	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
78	2,879	2,880	<b>17.35</b>	105.0	0.00	80.19	-	-	0.00	0.00	-	0.00
79	4,480	4,481	<b>11.53</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG 95% rated power												
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	6,102	6,103	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
81	6,134	6,134	<b>7.16</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
82	6,404	6,404	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
83	7,595	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
84	7,906	7,906	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
85	8,225	8,225	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
86	8,612	8,612	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
87	6,219	6,220	<b>6.97</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
88	6,242	6,243	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
89	6,861	6,862	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
90	7,095	7,095	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
91	7,338	7,339	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
92	7,626	7,627	<b>4.10</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
93	7,724	7,724	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
94	6,134	6,134	<b>7.16</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
95	6,273	6,274	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
96	6,965	6,966	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
97	8,223	8,223	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
98	8,088	8,089	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
99	8,367	8,367	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
100	8,732	8,733	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00

Sum 32.74

- Data undefined due to calculation with octave data

### Noise sensitive area: H360 H360

WTG 95% rated power												
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	15,270	15,270	<b>-5.45</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
2	15,383	15,383	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
3	14,918	14,918	<b>-5.14</b>	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
4	14,256	14,256	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
5	13,975	13,975	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
6	14,113	14,113	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
7	13,940	13,940	<b>-4.23</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
8	13,867	13,867	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
9	13,266	13,267	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
10	13,271	13,271	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
11	13,277	13,277	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
12	12,441	12,441	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
13	12,614	12,614	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
14	13,035	13,035	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
15	11,992	11,992	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
16	11,821	11,821	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
17	11,591	11,591	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
18	11,377	11,377	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
19	10,910	10,910	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
20	10,768	10,768	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
21	10,831	10,831	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
22	11,059	11,059	<b>-1.08</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
23	10,371	10,372	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
24	10,022	10,023	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
25	9,413	9,413	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
26	9,763	9,763	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
27	9,325	9,325	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
28	8,720	8,720	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
29	9,340	9,340	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
30	9,170	9,170	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	9,115	9,115	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
32	8,667	8,667	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
33	8,915	8,915	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
34	8,625	8,625	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
35	9,486	9,486	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
36	9,179	9,180	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
37	8,914	8,915	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
38	8,657	8,658	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
39	8,586	8,586	<b>2.44</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
40	8,754	8,754	<b>2.16</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
41	7,899	7,899	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
42	8,332	8,332	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
43	8,077	8,077	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
44	8,058	8,058	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
45	7,611	7,612	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
46	7,312	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
47	7,707	7,707	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
48	7,709	7,709	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
49	7,852	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
50	6,866	6,866	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
51	7,073	7,073	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
52	7,243	7,243	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
53	8,028	8,028	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
54	8,291	8,291	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
55	8,065	8,066	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
56	7,640	7,640	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
57	7,528	7,528	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
58	7,177	7,177	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
59	6,390	6,390	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
60	6,311	6,312	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
61	6,494	6,495	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
62	5,853	5,854	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
63	5,775	5,775	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
64	6,160	6,160	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
65	6,439	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
66	7,148	7,149	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
67	5,242	5,243	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
68	5,165	5,165	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
69	4,977	4,977	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
70	4,897	4,898	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
71	4,652	4,653	<b>11.01</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
72	4,129	4,130	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
73	4,418	4,418	<b>11.72</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
74	4,624	4,625	<b>11.09</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
75	4,023	4,024	<b>12.99</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
76	3,660	3,661	<b>14.25</b>	105.0	0.00	82.27	-	-	0.00	0.00	-	0.00
77	2,466	2,467	<b>19.25</b>	105.0	0.00	78.84	-	-	0.00	0.00	-	0.00
78	2,814	2,815	<b>17.64</b>	105.0	0.00	79.99	-	-	0.00	0.00	-	0.00
79	1,243	1,245	<b>27.96</b>	105.0	0.00	72.90	-	-	0.00	0.00	-	0.00
80	1,659	1,660	<b>24.41</b>	105.0	0.00	75.40	-	-	0.00	0.00	-	0.00
81	898	900	<b>31.77</b>	105.0	0.00	70.09	-	-	0.00	0.00	-	0.00
82	1,243	1,244	<b>27.97</b>	105.0	0.00	72.90	-	-	0.00	0.00	-	0.00
83	2,551	2,552	<b>18.84</b>	105.0	0.00	79.14	-	-	0.00	0.00	-	0.00
84	2,469	2,470	<b>19.23</b>	105.0	0.00	78.85	-	-	0.00	0.00	-	0.00
85	2,816	2,817	<b>17.63</b>	105.0	0.00	80.00	-	-	0.00	0.00	-	0.00
86	3,185	3,186	<b>16.07</b>	105.0	0.00	81.07	-	-	0.00	0.00	-	0.00
87	1,300	1,302	<b>27.42</b>	105.0	0.00	73.29	-	-	0.00	0.00	-	0.00
88	597	601	<b>36.27</b>	105.0	0.00	66.58	-	-	0.00	0.00	-	0.00
89	1,226	1,228	<b>28.13</b>	105.0	0.00	72.78	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
90	1,449	1,451	<b>26.09</b>	105.0	0.00	74.23	-	-	0.00	0.00	-	0.00
91	1,745	1,746	<b>23.77</b>	105.0	0.00	75.84	-	-	0.00	0.00	-	0.00
92	1,987	1,988	<b>22.10</b>	105.0	0.00	76.97	-	-	0.00	0.00	-	0.00
93	2,159	2,160	<b>21.01</b>	105.0	0.00	77.69	-	-	0.00	0.00	-	0.00
94	2,489	2,490	<b>19.14</b>	105.0	0.00	78.92	-	-	0.00	0.00	-	0.00
95	2,203	2,204	<b>20.74</b>	105.0	0.00	77.86	-	-	0.00	0.00	-	0.00
96	2,609	2,610	<b>18.57</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
97	2,952	2,954	<b>17.03</b>	105.0	0.00	80.41	-	-	0.00	0.00	-	0.00
98	2,612	2,613	<b>18.55</b>	105.0	0.00	79.34	-	-	0.00	0.00	-	0.00
99	2,786	2,787	<b>17.76</b>	105.0	0.00	79.90	-	-	0.00	0.00	-	0.00
100	3,316	3,317	<b>15.55</b>	105.0	0.00	81.41	-	-	0.00	0.00	-	0.00

Sum 40.24

- Data undefined due to calculation with octave data

### Noise sensitive area: H361 H361

WTG		95% rated power										
No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
1	16,200	16,200	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
2	16,316	16,316	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
3	15,852	15,852	<b>-5.95</b>	105.0	0.00	95.00	-	-	0.00	0.00	-	0.00
4	15,178	15,178	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
5	14,901	14,901	<b>-5.13</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
6	15,046	15,046	<b>-5.26</b>	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
7	14,874	14,875	<b>-5.10</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
8	14,801	14,801	<b>-5.04</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
9	14,201	14,201	<b>-4.48</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
10	14,205	14,205	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
11	14,205	14,205	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
12	13,373	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
13	13,541	13,541	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
14	13,954	13,954	<b>-4.25</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
15	12,909	12,909	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
16	12,755	12,755	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
17	12,513	12,514	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
18	12,288	12,288	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
19	11,836	11,836	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
20	11,666	11,666	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
21	11,721	11,721	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
22	11,985	11,985	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
23	11,290	11,290	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
24	10,957	10,957	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
25	10,347	10,347	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
26	10,693	10,693	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
27	10,247	10,247	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
28	9,641	9,641	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
29	10,243	10,243	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
30	10,060	10,060	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
31	9,988	9,988	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
32	9,568	9,568	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
33	9,738	9,738	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
34	9,416	9,416	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
35	10,398	10,398	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
36	10,099	10,100	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
37	9,817	9,817	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
38	9,568	9,568	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
39	9,511	9,512	<b>1.01</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
40	9,688	9,688	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00

To be continued on next page...

**DECIBEL - Detailed results**

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	8,834	8,834	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
42	9,260	9,260	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
43	8,996	8,996	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
44	8,992	8,993	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
45	8,543	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
46	8,247	8,247	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
47	8,610	8,610	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
48	8,595	8,595	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
49	8,723	8,723	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
50	7,748	7,748	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
51	7,941	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
52	8,095	8,095	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
53	8,861	8,861	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
54	9,045	9,045	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
55	8,941	8,941	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
56	8,520	8,520	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
57	8,424	8,425	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
58	8,086	8,086	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
59	7,324	7,324	<b>4.67</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
60	7,246	7,246	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
61	7,421	7,422	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
62	6,787	6,788	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
63	6,705	6,705	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
64	7,071	7,072	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
65	7,338	7,338	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
66	8,003	8,004	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
67	6,145	6,145	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
68	6,052	6,053	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
69	5,893	5,894	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
70	5,824	5,825	<b>7.89</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
71	5,586	5,587	<b>8.47</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
72	5,064	5,065	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
73	5,325	5,326	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
74	5,409	5,410	<b>8.92</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
75	4,817	4,817	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
76	4,475	4,476	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
77	3,400	3,401	<b>15.22</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
78	3,602	3,602	<b>14.47</b>	105.0	0.00	82.13	-	-	0.00	0.00	-	0.00
79	2,118	2,119	<b>21.27</b>	105.0	0.00	77.52	-	-	0.00	0.00	-	0.00
80	2,339	2,340	<b>19.95</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
81	1,460	1,462	<b>26.00</b>	105.0	0.00	74.30	-	-	0.00	0.00	-	0.00
82	1,703	1,704	<b>24.08</b>	105.0	0.00	75.63	-	-	0.00	0.00	-	0.00
83	2,754	2,755	<b>17.90</b>	105.0	0.00	79.80	-	-	0.00	0.00	-	0.00
84	2,372	2,374	<b>19.75</b>	105.0	0.00	78.51	-	-	0.00	0.00	-	0.00
85	2,706	2,707	<b>18.12</b>	105.0	0.00	79.65	-	-	0.00	0.00	-	0.00
86	3,020	3,021	<b>16.75</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
87	613	617	<b>35.99</b>	105.0	0.00	66.81	-	-	0.00	0.00	-	0.00
88	758	762	<b>33.67</b>	105.0	0.00	68.64	-	-	0.00	0.00	-	0.00
89	680	684	<b>34.86</b>	105.0	0.00	67.70	-	-	0.00	0.00	-	0.00
90	1,129	1,131	<b>29.11</b>	105.0	0.00	72.07	-	-	0.00	0.00	-	0.00
91	1,006	1,009	<b>30.46</b>	105.0	0.00	71.07	-	-	0.00	0.00	-	0.00
92	1,350	1,352	<b>26.96</b>	105.0	0.00	73.62	-	-	0.00	0.00	-	0.00
93	1,933	1,934	<b>22.46</b>	105.0	0.00	76.73	-	-	0.00	0.00	-	0.00
94	1,971	1,973	<b>22.20</b>	105.0	0.00	76.90	-	-	0.00	0.00	-	0.00
95	1,602	1,604	<b>24.84</b>	105.0	0.00	75.11	-	-	0.00	0.00	-	0.00
96	1,820	1,823	<b>23.23</b>	105.0	0.00	76.21	-	-	0.00	0.00	-	0.00
97	2,031	2,033	<b>21.81</b>	105.0	0.00	77.16	-	-	0.00	0.00	-	0.00
98	1,752	1,754	<b>23.72</b>	105.0	0.00	75.88	-	-	0.00	0.00	-	0.00
99	2,012	2,013	<b>21.94</b>	105.0	0.00	77.08	-	-	0.00	0.00	-	0.00
100	2,436	2,438	<b>19.39</b>	105.0	0.00	78.74	-	-	0.00	0.00	-	0.00

Sum 41.66



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H362 H362

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	15,962	15,962	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00
	2	16,155	16,155	<b>-6.21</b>	105.0	0.00	95.17	-	-	0.00	0.00	-	0.00
	3	15,716	15,717	<b>-5.84</b>	105.0	0.00	94.93	-	-	0.00	0.00	-	0.00
	4	14,826	14,826	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
	5	14,602	14,602	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
	6	14,898	14,899	<b>-5.13</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
	7	14,795	14,795	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
	8	14,821	14,821	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
	9	14,123	14,123	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
	10	14,178	14,179	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
	11	14,427	14,427	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
	12	13,503	13,503	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
	13	13,775	13,775	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
	14	14,301	14,302	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
	15	13,287	13,287	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
	16	12,830	12,830	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
	17	12,824	12,825	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
	18	12,724	12,724	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
	19	12,106	12,106	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
	20	12,217	12,217	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
	21	12,322	12,322	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
	22	11,730	11,730	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
	23	10,947	10,947	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
	24	11,031	11,031	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
	25	10,475	10,475	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
	26	10,912	10,912	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
	27	10,601	10,601	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
	28	10,017	10,017	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	29	10,772	10,772	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
	30	10,683	10,683	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
	31	10,710	10,710	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
	32	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
	33	10,684	10,685	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
	34	10,476	10,476	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
	35	10,002	10,002	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
	36	9,794	9,794	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
	37	9,352	9,352	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
	38	9,175	9,176	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
	39	9,296	9,297	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	40	9,671	9,671	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
	41	8,868	8,869	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
	42	9,539	9,539	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
	43	9,414	9,414	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	44	9,126	9,126	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
	45	8,768	8,768	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
	46	8,364	8,365	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
	47	9,174	9,174	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
	48	9,267	9,267	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
	49	9,475	9,475	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
	50	8,461	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
	51	8,722	8,722	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
	52	8,948	8,948	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
	53	9,779	9,779	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
	54	10,216	10,217	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
	55	8,318	8,319	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
	56	7,938	7,939	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
	57	7,955	7,956	<b>3.50</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
	58	7,724	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	59	7,372	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,392	7,393	<b>4.54</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
61	7,775	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
62	7,001	7,002	<b>5.30</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
63	7,030	7,031	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
64	7,607	7,608	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
65	7,954	7,955	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
66	7,303	7,303	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
67	5,827	5,827	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
68	5,634	5,635	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
69	5,711	5,712	<b>8.16</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
70	5,771	5,772	<b>8.02</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
71	5,716	5,716	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
72	5,301	5,302	<b>9.20</b>	105.0	0.00	85.49	-	-	0.00	0.00	-	0.00
73	5,107	5,108	<b>9.72</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
74	4,564	4,565	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
75	4,066	4,067	<b>12.85</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
76	3,849	3,850	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
77	3,790	3,791	<b>13.79</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00
78	3,023	3,024	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
79	2,382	2,383	<b>19.70</b>	105.0	0.00	78.54	-	-	0.00	0.00	-	0.00
80	3,801	3,802	<b>13.75</b>	105.0	0.00	82.60	-	-	0.00	0.00	-	0.00
81	3,073	3,074	<b>16.53</b>	105.0	0.00	80.75	-	-	0.00	0.00	-	0.00
82	3,411	3,412	<b>15.18</b>	105.0	0.00	81.66	-	-	0.00	0.00	-	0.00
83	4,670	4,670	<b>10.96</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
84	4,400	4,401	<b>11.77</b>	105.0	0.00	83.87	-	-	0.00	0.00	-	0.00
85	4,740	4,740	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
86	5,062	5,063	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
87	1,526	1,528	<b>25.45</b>	105.0	0.00	74.68	-	-	0.00	0.00	-	0.00
88	2,555	2,556	<b>18.82</b>	105.0	0.00	79.15	-	-	0.00	0.00	-	0.00
89	2,724	2,725	<b>18.04</b>	105.0	0.00	79.71	-	-	0.00	0.00	-	0.00
90	3,169	3,170	<b>16.13</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
91	2,937	2,938	<b>17.10</b>	105.0	0.00	80.36	-	-	0.00	0.00	-	0.00
92	3,317	3,318	<b>15.55</b>	105.0	0.00	81.42	-	-	0.00	0.00	-	0.00
93	3,975	3,976	<b>13.15</b>	105.0	0.00	82.99	-	-	0.00	0.00	-	0.00
94	959	963	<b>31.00</b>	105.0	0.00	70.67	-	-	0.00	0.00	-	0.00
95	1,112	1,116	<b>29.27</b>	105.0	0.00	71.95	-	-	0.00	0.00	-	0.00
96	1,794	1,797	<b>23.41</b>	105.0	0.00	76.09	-	-	0.00	0.00	-	0.00
97	3,262	3,263	<b>15.76</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
98	3,340	3,341	<b>15.45</b>	105.0	0.00	81.48	-	-	0.00	0.00	-	0.00
99	3,754	3,755	<b>13.92</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
100	3,845	3,846	<b>13.60</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00

Sum 35.54

- Data undefined due to calculation with octave data

### Noise sensitive area: H363 H363

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	18,972	18,973	<b>-8.34</b>	105.0	0.00	96.56	-	-	0.00	0.00	-	0.00
2	19,082	19,082	<b>-8.41</b>	105.0	0.00	96.61	-	-	0.00	0.00	-	0.00
3	18,616	18,616	<b>-8.09</b>	105.0	0.00	96.40	-	-	0.00	0.00	-	0.00
4	17,953	17,954	<b>-7.61</b>	105.0	0.00	96.08	-	-	0.00	0.00	-	0.00
5	17,676	17,676	<b>-7.40</b>	105.0	0.00	95.95	-	-	0.00	0.00	-	0.00
6	17,812	17,812	<b>-7.50</b>	105.0	0.00	96.01	-	-	0.00	0.00	-	0.00
7	17,632	17,633	<b>-7.37</b>	105.0	0.00	95.93	-	-	0.00	0.00	-	0.00
8	17,543	17,543	<b>-7.30</b>	105.0	0.00	95.88	-	-	0.00	0.00	-	0.00
9	16,960	16,960	<b>-6.85</b>	105.0	0.00	95.59	-	-	0.00	0.00	-	0.00
10	16,956	16,957	<b>-6.85</b>	105.0	0.00	95.59	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	16,897	16,897	<b>-6.80</b>	105.0	0.00	95.56	-	-	0.00	0.00	-	0.00
12	16,095	16,095	<b>-6.16</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00
13	16,233	16,233	<b>-6.27</b>	105.0	0.00	95.21	-	-	0.00	0.00	-	0.00
14	16,605	16,605	<b>-6.57</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
15	15,554	15,554	<b>-5.70</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
16	15,491	15,491	<b>-5.65</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
17	15,186	15,186	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
18	14,914	14,914	<b>-5.14</b>	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
19	14,526	14,526	<b>-4.79</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
20	14,246	14,246	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
21	14,275	14,275	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
22	14,760	14,760	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
23	14,064	14,065	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
24	13,699	13,700	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
25	13,081	13,081	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
26	13,404	13,404	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
27	12,920	12,920	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
28	12,312	12,312	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
29	12,849	12,849	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
30	12,623	12,623	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
31	12,498	12,498	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
32	12,166	12,166	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
33	12,105	12,105	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
34	11,699	11,699	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
35	13,169	13,169	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
36	12,874	12,875	<b>-3.16</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
37	12,581	12,581	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
38	12,338	12,338	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
39	12,287	12,287	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
40	12,449	12,449	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
41	11,591	11,591	<b>-1.73</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
42	11,965	11,965	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
43	11,659	11,659	<b>-1.81</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
44	11,733	11,733	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
45	11,268	11,268	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
46	10,995	10,995	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
47	11,221	11,221	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
48	11,155	11,155	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
49	11,238	11,238	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
50	10,305	10,305	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
51	10,457	10,457	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
52	10,563	10,563	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
53	11,268	11,268	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
54	11,236	11,236	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
55	11,678	11,678	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
56	11,263	11,263	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
57	11,184	11,184	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
58	10,856	10,856	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
59	10,087	10,087	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
60	9,995	9,996	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
61	10,124	10,124	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
62	9,529	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
63	9,424	9,424	<b>1.13</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
64	9,720	9,720	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
65	9,949	9,949	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
66	10,718	10,718	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
67	8,912	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
68	8,808	8,808	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
69	8,668	8,668	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	8,599	8,599	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
71	8,350	8,351	<b>2.82</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
72	7,820	7,821	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
73	8,096	8,096	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
74	8,055	8,055	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
75	7,483	7,483	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
76	7,169	7,170	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
77	6,163	6,163	<b>7.10</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
78	6,284	6,284	<b>6.82</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
79	4,884	4,885	<b>10.34</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
80	4,757	4,757	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
81	3,948	3,949	<b>13.25</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
82	4,019	4,019	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
83	4,351	4,351	<b>11.93</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
84	3,547	3,548	<b>14.67</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
85	3,684	3,684	<b>14.17</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
86	3,725	3,726	<b>14.02</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
87	2,692	2,693	<b>18.18</b>	105.0	0.00	79.60	-	-	0.00	0.00	-	0.00
88	3,330	3,330	<b>15.50</b>	105.0	0.00	81.45	-	-	0.00	0.00	-	0.00
89	2,669	2,669	<b>18.29</b>	105.0	0.00	79.53	-	-	0.00	0.00	-	0.00
90	2,861	2,862	<b>17.43</b>	105.0	0.00	80.13	-	-	0.00	0.00	-	0.00
91	2,159	2,160	<b>21.01</b>	105.0	0.00	77.69	-	-	0.00	0.00	-	0.00
92	2,210	2,211	<b>20.70</b>	105.0	0.00	77.89	-	-	0.00	0.00	-	0.00
93	3,114	3,115	<b>16.36</b>	105.0	0.00	80.87	-	-	0.00	0.00	-	0.00
94	2,979	2,980	<b>16.92</b>	105.0	0.00	80.48	-	-	0.00	0.00	-	0.00
95	2,700	2,701	<b>18.15</b>	105.0	0.00	79.63	-	-	0.00	0.00	-	0.00
96	2,070	2,072	<b>21.56</b>	105.0	0.00	77.33	-	-	0.00	0.00	-	0.00
97	756	760	<b>33.69</b>	105.0	0.00	68.61	-	-	0.00	0.00	-	0.00
98	1,276	1,278	<b>27.64</b>	105.0	0.00	73.13	-	-	0.00	0.00	-	0.00
99	1,521	1,523	<b>25.50</b>	105.0	0.00	74.65	-	-	0.00	0.00	-	0.00
100	749	753	<b>33.80</b>	105.0	0.00	68.53	-	-	0.00	0.00	-	0.00

Sum 38.24

- Data undefined due to calculation with octave data

### Noise sensitive area: H364 H364

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,210	3,212	<b>15.97</b>	105.0	0.00	81.13	-	-	0.00	0.00	-	0.00
2	2,608	2,611	<b>18.56</b>	105.0	0.00	79.33	-	-	0.00	0.00	-	0.00
3	2,417	2,420	<b>19.49</b>	105.0	0.00	78.68	-	-	0.00	0.00	-	0.00
4	4,165	4,166	<b>12.52</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
5	3,842	3,844	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
6	2,727	2,729	<b>18.02</b>	105.0	0.00	79.72	-	-	0.00	0.00	-	0.00
7	2,358	2,361	<b>19.83</b>	105.0	0.00	78.46	-	-	0.00	0.00	-	0.00
8	1,835	1,837	<b>23.12</b>	105.0	0.00	76.28	-	-	0.00	0.00	-	0.00
9	2,782	2,784	<b>17.77</b>	105.0	0.00	79.89	-	-	0.00	0.00	-	0.00
10	2,527	2,530	<b>18.94</b>	105.0	0.00	79.06	-	-	0.00	0.00	-	0.00
11	1,995	1,997	<b>22.04</b>	105.0	0.00	77.01	-	-	0.00	0.00	-	0.00
12	2,844	2,846	<b>17.50</b>	105.0	0.00	80.08	-	-	0.00	0.00	-	0.00
13	2,656	2,658	<b>18.35</b>	105.0	0.00	79.49	-	-	0.00	0.00	-	0.00
14	2,530	2,531	<b>18.94</b>	105.0	0.00	79.07	-	-	0.00	0.00	-	0.00
15	3,519	3,520	<b>14.77</b>	105.0	0.00	81.93	-	-	0.00	0.00	-	0.00
16	3,539	3,541	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
17	3,744	3,745	<b>13.95</b>	105.0	0.00	82.47	-	-	0.00	0.00	-	0.00
18	4,216	4,217	<b>12.36</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
19	4,360	4,361	<b>11.90</b>	105.0	0.00	83.79	-	-	0.00	0.00	-	0.00
20	5,083	5,084	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	5,217	5,218	<b>9.43</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
22	5,267	5,268	<b>9.29</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
23	6,157	6,158	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
24	5,320	5,321	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
25	5,875	5,876	<b>7.76</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
26	5,487	5,488	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
27	5,979	5,979	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
28	6,585	6,586	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
29	6,231	6,232	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
30	6,605	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
31	6,943	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
32	6,898	6,898	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
33	7,936	7,936	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
34	8,614	8,614	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
35	7,043	7,044	<b>5.22</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
36	6,985	6,986	<b>5.33</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
37	7,737	7,738	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
38	7,697	7,698	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
39	7,260	7,261	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
40	6,701	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
41	7,479	7,480	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
42	6,920	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
43	7,243	7,244	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
44	7,232	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
45	7,643	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
46	7,993	7,994	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
47	7,768	7,769	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
48	7,962	7,963	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
49	8,027	8,028	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
50	8,770	8,770	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
51	8,733	8,733	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
52	8,775	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
53	8,399	8,399	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
54	9,323	9,323	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
55	8,938	8,939	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
56	9,119	9,120	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
57	8,868	8,869	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
58	8,890	8,891	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
59	8,976	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
60	8,984	8,984	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
61	8,761	8,762	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
62	9,415	9,416	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
63	9,475	9,475	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
64	9,182	9,183	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
65	9,004	9,005	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
66	9,876	9,877	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
67	10,594	10,595	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
68	10,842	10,843	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
69	10,649	10,650	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
70	10,575	10,576	<b>-0.46</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
71	10,674	10,675	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
72	11,154	11,154	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
73	11,250	11,250	<b>-1.32</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
74	12,212	12,213	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
75	12,511	12,512	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
76	12,608	12,609	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
77	12,809	12,810	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
78	13,349	13,349	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
79	14,227	14,227	<b>-4.51</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	14,179	14,180	-4.46	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
81	14,940	14,941	-5.16	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
82	14,911	14,912	-5.14	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
83	15,083	15,083	-5.29	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
84	15,898	15,899	-5.99	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
85	15,995	15,996	-6.07	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
86	16,243	16,243	-6.28	105.0	0.00	95.21	-	-	0.00	0.00	-	0.00
87	16,479	16,480	-6.47	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
88	15,556	15,556	-5.70	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
89	16,215	16,215	-6.26	105.0	0.00	95.20	-	-	0.00	0.00	-	0.00
90	16,081	16,081	-6.15	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00
91	16,738	16,739	-6.68	105.0	0.00	95.47	-	-	0.00	0.00	-	0.00
92	16,774	16,775	-6.71	105.0	0.00	95.49	-	-	0.00	0.00	-	0.00
93	16,129	16,129	-6.19	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
94	17,211	17,212	-7.05	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
95	17,123	17,124	-6.98	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
96	17,718	17,719	-7.43	105.0	0.00	95.97	-	-	0.00	0.00	-	0.00
97	18,127	18,128	-7.73	105.0	0.00	96.17	-	-	0.00	0.00	-	0.00
98	17,656	17,657	-7.39	105.0	0.00	95.94	-	-	0.00	0.00	-	0.00
99	17,622	17,623	-7.36	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00
100	18,348	18,349	-7.89	105.0	0.00	96.27	-	-	0.00	0.00	-	0.00

Sum 31.43

- Data undefined due to calculation with octave data

### Noise sensitive area: H365 H365

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,549	3,551	14.66	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
2	2,957	2,959	17.01	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
3	2,739	2,742	17.96	105.0	0.00	79.76	-	-	0.00	0.00	-	0.00
4	4,450	4,452	11.62	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
5	4,108	4,109	12.71	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
6	2,983	2,985	16.90	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00
7	2,577	2,579	18.71	105.0	0.00	79.23	-	-	0.00	0.00	-	0.00
8	1,985	1,988	22.10	105.0	0.00	76.97	-	-	0.00	0.00	-	0.00
9	2,934	2,936	17.11	105.0	0.00	80.36	-	-	0.00	0.00	-	0.00
10	2,650	2,652	18.37	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
11	1,848	1,850	23.03	105.0	0.00	76.35	-	-	0.00	0.00	-	0.00
12	2,791	2,792	17.74	105.0	0.00	79.92	-	-	0.00	0.00	-	0.00
13	2,511	2,513	19.03	105.0	0.00	79.00	-	-	0.00	0.00	-	0.00
14	2,273	2,274	20.33	105.0	0.00	78.14	-	-	0.00	0.00	-	0.00
15	3,293	3,294	15.64	105.0	0.00	81.35	-	-	0.00	0.00	-	0.00
16	3,510	3,511	14.81	105.0	0.00	81.91	-	-	0.00	0.00	-	0.00
17	3,567	3,568	14.59	105.0	0.00	82.05	-	-	0.00	0.00	-	0.00
18	3,986	3,987	13.11	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
19	4,217	4,218	12.35	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
20	4,834	4,835	10.48	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
21	4,952	4,953	10.15	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
22	5,348	5,350	9.08	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
23	6,230	6,232	6.94	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
24	5,258	5,259	9.32	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
25	5,790	5,791	7.97	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
26	5,372	5,373	9.02	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
27	5,823	5,824	7.89	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
28	6,432	6,432	6.49	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
29	6,028	6,028	7.41	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
30	6,384	6,384	6.60	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	6,704	6,704	<b>5.91</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
32	6,701	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
33	7,667	7,668	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
34	8,340	8,341	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
35	7,094	7,095	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
36	7,009	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
37	7,781	7,782	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
38	7,721	7,722	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
39	7,251	7,252	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
40	6,650	6,651	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
41	7,407	7,408	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
42	6,794	6,795	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
43	7,088	7,088	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
44	7,140	7,141	<b>5.02</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
45	7,531	7,532	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
46	7,901	7,902	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
47	7,589	7,589	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
48	7,764	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
49	7,813	7,813	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
50	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
51	8,531	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
52	8,559	8,560	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
53	8,157	8,157	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
54	9,047	9,048	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
55	8,976	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
56	9,140	9,141	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
57	8,873	8,874	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
58	8,873	8,874	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
59	8,892	8,893	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
60	8,885	8,886	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
61	8,631	8,632	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
62	9,307	9,308	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
63	9,352	9,353	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
64	9,029	9,030	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
65	8,836	8,837	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
66	9,896	9,897	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
67	10,540	10,541	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
68	10,796	10,797	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
69	10,580	10,581	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
70	10,494	10,495	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
71	10,575	10,576	<b>-0.46</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
72	11,045	11,045	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
73	11,178	11,179	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
74	12,182	12,183	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
75	12,465	12,466	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
76	12,550	12,551	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
77	12,694	12,695	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
78	13,277	13,278	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
79	14,120	14,120	<b>-4.40</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
80	14,025	14,025	<b>-4.31</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
81	14,796	14,797	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
82	14,759	14,759	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
83	14,901	14,901	<b>-5.13</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
84	15,721	15,721	<b>-5.84</b>	105.0	0.00	94.93	-	-	0.00	0.00	-	0.00
85	15,811	15,811	<b>-5.92</b>	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
86	16,052	16,053	<b>-6.12</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00
87	16,364	16,364	<b>-6.38</b>	105.0	0.00	95.28	-	-	0.00	0.00	-	0.00
88	15,419	15,420	<b>-5.59</b>	105.0	0.00	94.76	-	-	0.00	0.00	-	0.00
89	16,073	16,074	<b>-6.14</b>	105.0	0.00	95.12	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	15,930	15,930	<b>-6.02</b>	105.0	0.00	95.04	-	-	0.00	0.00	-	0.00
91	16,593	16,594	<b>-6.56</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
92	16,621	16,622	<b>-6.59</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
93	15,960	15,961	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00
94	17,120	17,121	<b>-6.98</b>	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
95	17,024	17,024	<b>-6.90</b>	105.0	0.00	95.62	-	-	0.00	0.00	-	0.00
96	17,611	17,612	<b>-7.35</b>	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00
97	17,988	17,989	<b>-7.63</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
98	17,509	17,510	<b>-7.28</b>	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
99	17,466	17,467	<b>-7.24</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
100	18,198	18,199	<b>-7.79</b>	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00

Sum 31.26

- Data undefined due to calculation with octave data

### Noise sensitive area: H366 H366

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,380	4,381	<b>11.84</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
2	3,818	3,820	<b>13.69</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
3	3,538	3,540	<b>14.70</b>	105.0	0.00	81.98	-	-	0.00	0.00	-	0.00
4	5,134	5,135	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
5	4,748	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
6	3,627	3,629	<b>14.37</b>	105.0	0.00	82.20	-	-	0.00	0.00	-	0.00
7	3,157	3,159	<b>16.18</b>	105.0	0.00	80.99	-	-	0.00	0.00	-	0.00
8	2,467	2,469	<b>19.24</b>	105.0	0.00	78.85	-	-	0.00	0.00	-	0.00
9	3,348	3,350	<b>15.42</b>	105.0	0.00	81.50	-	-	0.00	0.00	-	0.00
10	3,014	3,016	<b>16.77</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
11	1,638	1,640	<b>24.56</b>	105.0	0.00	75.30	-	-	0.00	0.00	-	0.00
12	2,717	2,719	<b>18.07</b>	105.0	0.00	79.69	-	-	0.00	0.00	-	0.00
13	2,214	2,216	<b>20.67</b>	105.0	0.00	77.91	-	-	0.00	0.00	-	0.00
14	1,658	1,660	<b>24.41</b>	105.0	0.00	75.40	-	-	0.00	0.00	-	0.00
15	2,710	2,711	<b>18.10</b>	105.0	0.00	79.66	-	-	0.00	0.00	-	0.00
16	3,451	3,453	<b>15.03</b>	105.0	0.00	81.76	-	-	0.00	0.00	-	0.00
17	3,112	3,113	<b>16.37</b>	105.0	0.00	80.86	-	-	0.00	0.00	-	0.00
18	3,368	3,369	<b>15.35</b>	105.0	0.00	81.55	-	-	0.00	0.00	-	0.00
19	3,828	3,829	<b>13.66</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
20	4,148	4,149	<b>12.58</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
21	4,224	4,225	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
22	5,509	5,510	<b>8.66</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
23	6,355	6,357	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
24	5,056	5,057	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
25	5,516	5,517	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
26	5,029	5,030	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
27	5,368	5,369	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
28	5,972	5,973	<b>7.54</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
29	5,444	5,445	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
30	5,750	5,751	<b>8.07</b>	105.0	0.00	86.19	-	-	0.00	0.00	-	0.00
31	6,021	6,022	<b>7.42</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
32	6,127	6,128	<b>7.18</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
33	6,909	6,909	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
34	7,567	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
35	7,150	7,151	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
36	6,996	6,997	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
37	7,810	7,811	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
38	7,702	7,703	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
39	7,149	7,150	<b>5.01</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
40	6,450	6,451	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,145	7,146	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
42	6,400	6,401	<b>6.56</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
43	6,615	6,616	<b>6.10</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
44	6,828	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
45	7,166	7,166	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
46	7,584	7,585	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
47	7,051	7,052	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
48	7,177	7,177	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
49	7,185	7,186	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
50	8,013	8,014	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
51	7,929	7,930	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
52	7,925	7,926	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
53	7,459	7,459	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
54	8,268	8,268	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
55	8,980	8,981	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
56	9,101	9,102	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
57	8,794	8,795	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
58	8,738	8,739	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
59	8,585	8,586	<b>2.44</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
60	8,541	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
61	8,210	8,211	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
62	8,937	8,938	<b>1.87</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
63	8,946	8,947	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
64	8,546	8,547	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
65	8,318	8,319	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
66	9,847	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
67	10,300	10,301	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
68	10,572	10,573	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
69	10,301	10,302	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
70	10,184	10,185	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
71	10,219	10,220	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
72	10,663	10,664	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
73	10,890	10,891	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
74	11,994	11,995	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
75	12,235	12,236	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
76	12,292	12,292	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
77	12,291	12,291	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
78	12,981	12,981	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
79	13,731	13,732	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
80	13,521	13,521	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
81	14,315	14,316	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
82	14,258	14,259	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
83	14,328	14,328	<b>-4.60</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
84	15,158	15,158	<b>-5.36</b>	105.0	0.00	94.61	-	-	0.00	0.00	-	0.00
85	15,231	15,232	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
86	15,458	15,458	<b>-5.62</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
87	15,950	15,950	<b>-6.04</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00
88	14,956	14,956	<b>-5.18</b>	105.0	0.00	94.50	-	-	0.00	0.00	-	0.00
89	15,595	15,596	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
90	15,429	15,429	<b>-5.59</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
91	16,107	16,107	<b>-6.17</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
92	16,116	16,116	<b>-6.17</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
93	15,419	15,419	<b>-5.58</b>	105.0	0.00	94.76	-	-	0.00	0.00	-	0.00
94	16,764	16,765	<b>-6.70</b>	105.0	0.00	95.49	-	-	0.00	0.00	-	0.00
95	16,648	16,648	<b>-6.61</b>	105.0	0.00	95.43	-	-	0.00	0.00	-	0.00
96	17,216	17,216	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
97	17,513	17,514	<b>-7.28</b>	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
98	17,017	17,017	<b>-6.90</b>	105.0	0.00	95.62	-	-	0.00	0.00	-	0.00
99	16,951	16,952	<b>-6.85</b>	105.0	0.00	95.58	-	-	0.00	0.00	-	0.00
100	17,697	17,698	<b>-7.42</b>	105.0	0.00	95.96	-	-	0.00	0.00	-	0.00

Sum 31.70

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H367 H367

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,649	5,651	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
	2	5,111	5,112	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
	3	4,796	4,798	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
	4	6,280	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
	5	5,865	5,866	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
	6	4,775	4,777	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
	7	4,275	4,277	<b>12.16</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
	8	3,555	3,557	<b>14.64</b>	105.0	0.00	82.02	-	-	0.00	0.00	-	0.00
	9	4,320	4,322	<b>12.02</b>	105.0	0.00	83.71	-	-	0.00	0.00	-	0.00
	10	3,966	3,969	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
	11	2,275	2,277	<b>20.31</b>	105.0	0.00	78.15	-	-	0.00	0.00	-	0.00
	12	3,262	3,264	<b>15.76</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
	13	2,575	2,577	<b>18.72</b>	105.0	0.00	79.22	-	-	0.00	0.00	-	0.00
	14	1,690	1,693	<b>24.17</b>	105.0	0.00	75.57	-	-	0.00	0.00	-	0.00
	15	2,491	2,493	<b>19.12</b>	105.0	0.00	78.93	-	-	0.00	0.00	-	0.00
	16	3,922	3,924	<b>13.33</b>	105.0	0.00	82.87	-	-	0.00	0.00	-	0.00
	17	3,057	3,058	<b>16.59</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
	18	2,981	2,982	<b>16.91</b>	105.0	0.00	80.49	-	-	0.00	0.00	-	0.00
	19	3,795	3,797	<b>13.77</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
	20	3,550	3,551	<b>14.66</b>	105.0	0.00	82.01	-	-	0.00	0.00	-	0.00
	21	3,530	3,531	<b>14.73</b>	105.0	0.00	81.96	-	-	0.00	0.00	-	0.00
	22	6,112	6,114	<b>7.21</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
	23	6,886	6,888	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
	24	5,212	5,213	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
	25	5,544	5,545	<b>8.58</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
	26	4,978	4,979	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
	27	5,119	5,120	<b>9.69</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
	28	5,688	5,689	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
	29	4,970	4,971	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
	30	5,172	5,173	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
	31	5,341	5,342	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
	32	5,644	5,645	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
	33	6,058	6,059	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
	34	6,678	6,678	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
	35	7,571	7,573	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
	36	7,333	7,334	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
	37	8,181	8,182	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
	38	8,011	8,012	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	39	7,361	7,363	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
	40	6,548	6,549	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
	41	7,128	7,129	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
	42	6,206	6,207	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
	43	6,287	6,288	<b>6.81</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
	44	6,749	6,750	<b>5.82</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
	45	6,993	6,994	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
	46	7,474	7,475	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
	47	6,603	6,604	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
	48	6,640	6,641	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
	49	6,577	6,578	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
	50	7,490	7,491	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
	51	7,351	7,352	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
	52	7,288	7,289	<b>4.73</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
	53	6,715	6,716	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
	54	7,357	7,357	<b>4.60</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
	55	9,295	9,296	<b>1.33</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	56	9,354	9,355	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
	57	8,999	9,000	<b>1.78</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
	58	8,868	8,869	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
	59	8,467	8,468	<b>2.63</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	8,370	8,371	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
61	7,925	7,926	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
62	8,717	8,718	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
63	8,670	8,671	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
64	8,156	8,157	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
65	7,873	7,874	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
66	10,076	10,077	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
67	10,252	10,253	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
68	10,545	10,546	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
69	10,197	10,198	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
70	10,036	10,037	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
71	10,001	10,002	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
72	10,399	10,400	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
73	10,764	10,765	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
74	12,001	12,002	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
75	12,180	12,181	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
76	12,193	12,194	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
77	11,976	11,976	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
78	12,820	12,821	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
79	13,426	13,427	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
80	13,038	13,038	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
81	13,863	13,864	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
82	13,776	13,777	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
83	13,729	13,730	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
84	14,570	14,571	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
85	14,616	14,617	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
86	14,818	14,818	<b>-5.05</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
87	15,592	15,592	<b>-5.73</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
88	14,527	14,528	<b>-4.79</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
89	15,141	15,142	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
90	14,940	14,940	<b>-5.16</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
91	15,636	15,637	<b>-5.77</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
92	15,615	15,616	<b>-5.75</b>	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
93	14,864	14,865	<b>-5.09</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
94	16,490	16,491	<b>-6.48</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
95	16,344	16,344	<b>-6.36</b>	105.0	0.00	95.27	-	-	0.00	0.00	-	0.00
96	16,880	16,880	<b>-6.79</b>	105.0	0.00	95.55	-	-	0.00	0.00	-	0.00
97	17,054	17,055	<b>-6.93</b>	105.0	0.00	95.64	-	-	0.00	0.00	-	0.00
98	16,532	16,533	<b>-6.51</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
99	16,432	16,432	<b>-6.43</b>	105.0	0.00	95.31	-	-	0.00	0.00	-	0.00
100	17,196	17,197	<b>-7.04</b>	105.0	0.00	95.71	-	-	0.00	0.00	-	0.00

Sum 30.38

- Data undefined due to calculation with octave data

### Noise sensitive area: H368 H368

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,632	5,633	<b>8.36</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
2	5,123	5,124	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
3	4,775	4,777	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
4	6,170	6,171	<b>7.08</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
5	5,740	5,741	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
6	4,678	4,679	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
7	4,168	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
8	3,447	3,449	<b>15.04</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
9	4,146	4,147	<b>12.58</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
10	3,791	3,793	<b>13.78</b>	105.0	0.00	82.58	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	2,057	2,059	<b>21.64</b>	105.0	0.00	77.27	-	-	0.00	0.00	-	0.00
12	2,972	2,974	<b>16.95</b>	105.0	0.00	80.47	-	-	0.00	0.00	-	0.00
13	2,262	2,264	<b>20.39</b>	105.0	0.00	78.10	-	-	0.00	0.00	-	0.00
14	1,353	1,356	<b>26.93</b>	105.0	0.00	73.64	-	-	0.00	0.00	-	0.00
15	2,068	2,070	<b>21.57</b>	105.0	0.00	77.32	-	-	0.00	0.00	-	0.00
16	3,598	3,600	<b>14.48</b>	105.0	0.00	82.12	-	-	0.00	0.00	-	0.00
17	2,646	2,648	<b>18.39</b>	105.0	0.00	79.46	-	-	0.00	0.00	-	0.00
18	2,538	2,540	<b>18.90</b>	105.0	0.00	79.10	-	-	0.00	0.00	-	0.00
19	3,379	3,381	<b>15.30</b>	105.0	0.00	81.58	-	-	0.00	0.00	-	0.00
20	3,108	3,109	<b>16.38</b>	105.0	0.00	80.85	-	-	0.00	0.00	-	0.00
21	3,095	3,097	<b>16.43</b>	105.0	0.00	80.82	-	-	0.00	0.00	-	0.00
22	5,798	5,799	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
23	6,549	6,551	<b>6.24</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
24	4,812	4,813	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
25	5,125	5,126	<b>9.67</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
26	4,553	4,554	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
27	4,678	4,679	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
28	5,245	5,246	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
29	4,525	4,527	<b>11.39</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
30	4,732	4,733	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
31	4,910	4,911	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
32	5,200	5,201	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
33	5,655	5,656	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
34	6,284	6,284	<b>6.82</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
35	7,207	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
36	6,954	6,955	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
37	7,805	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
38	7,625	7,626	<b>4.10</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
39	6,961	6,962	<b>5.38</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
40	6,134	6,135	<b>7.16</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
41	6,700	6,701	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
42	5,766	5,768	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
43	5,842	5,843	<b>7.84</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
44	6,316	6,317	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
45	6,554	6,555	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
46	7,038	7,039	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
47	6,158	6,159	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
48	6,199	6,200	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
49	6,141	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
50	7,049	7,050	<b>5.20</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
51	6,913	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
52	6,855	6,856	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
53	6,295	6,295	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
54	6,969	6,970	<b>5.36</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
55	8,906	8,907	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
56	8,956	8,957	<b>1.84</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
57	8,594	8,595	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
58	8,453	8,454	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
59	8,030	8,031	<b>3.37</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
60	7,929	7,930	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
61	7,481	7,482	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
62	8,274	8,275	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
63	8,225	8,226	<b>3.03</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
64	7,711	7,712	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
65	7,429	7,430	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
66	9,673	9,674	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
67	9,818	9,819	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
68	10,112	10,113	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
69	9,759	9,759	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	9,595	9,596	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
71	9,558	9,559	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
72	9,954	9,955	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
73	10,324	10,325	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
74	11,570	11,571	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
75	11,744	11,745	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
76	11,755	11,756	<b>-1.92</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
77	11,530	11,531	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
78	12,378	12,379	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
79	12,981	12,982	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
80	12,597	12,597	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
81	13,421	13,422	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
82	13,335	13,336	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
83	13,296	13,297	<b>-3.59</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
84	14,137	14,138	<b>-4.42</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
85	14,185	14,186	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
86	14,389	14,390	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
87	15,147	15,147	<b>-5.35</b>	105.0	0.00	94.61	-	-	0.00	0.00	-	0.00
88	14,084	14,085	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
89	14,699	14,700	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
90	14,499	14,500	<b>-4.76</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
91	15,195	15,195	<b>-5.39</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
92	15,175	15,176	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
93	14,428	14,429	<b>-4.70</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
94	16,045	16,046	<b>-6.12</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00
95	15,899	15,899	<b>-5.99</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
96	16,435	16,435	<b>-6.44</b>	105.0	0.00	95.32	-	-	0.00	0.00	-	0.00
97	16,612	16,613	<b>-6.58</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
98	16,092	16,092	<b>-6.15</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00
99	15,993	15,994	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
100	16,757	16,757	<b>-6.69</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00

Sum 32.12

- Data undefined due to calculation with octave data

### Noise sensitive area: H369 H369

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,031	6,032	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
2	5,518	5,520	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
3	5,174	5,175	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
4	6,567	6,568	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
5	6,135	6,137	<b>7.16</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
6	5,077	5,078	<b>9.80</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
7	4,566	4,568	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
8	3,846	3,848	<b>13.59</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
9	4,533	4,535	<b>11.36</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
10	4,178	4,180	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
11	2,439	2,441	<b>19.38</b>	105.0	0.00	78.75	-	-	0.00	0.00	-	0.00
12	3,316	3,318	<b>15.54</b>	105.0	0.00	81.42	-	-	0.00	0.00	-	0.00
13	2,597	2,599	<b>18.62</b>	105.0	0.00	79.29	-	-	0.00	0.00	-	0.00
14	1,685	1,688	<b>24.21</b>	105.0	0.00	75.55	-	-	0.00	0.00	-	0.00
15	2,265	2,268	<b>20.37</b>	105.0	0.00	78.11	-	-	0.00	0.00	-	0.00
16	3,916	3,917	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
17	2,864	2,866	<b>17.41</b>	105.0	0.00	80.14	-	-	0.00	0.00	-	0.00
18	2,650	2,652	<b>18.37</b>	105.0	0.00	79.47	-	-	0.00	0.00	-	0.00
19	3,579	3,581	<b>14.55</b>	105.0	0.00	82.08	-	-	0.00	0.00	-	0.00
20	3,116	3,117	<b>16.35</b>	105.0	0.00	80.88	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	3,063	3,065	<b>16.57</b>	105.0	0.00	80.73	-	-	0.00	0.00	-	0.00
22	6,116	6,118	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
23	6,847	6,849	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
24	5,037	5,038	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
25	5,310	5,311	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
26	4,723	4,724	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
27	4,784	4,785	<b>10.62</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
28	5,332	5,334	<b>9.12</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
29	4,555	4,557	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
30	4,720	4,721	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
31	4,855	4,857	<b>10.42</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
32	5,218	5,219	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
33	5,525	5,525	<b>8.63</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
34	6,134	6,134	<b>7.16</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
35	7,477	7,478	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
36	7,204	7,206	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
37	8,059	8,061	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
38	7,864	7,865	<b>3.66</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
39	7,180	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
40	6,328	6,329	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
41	6,857	6,859	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
42	5,878	5,879	<b>7.76</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
43	5,909	5,910	<b>7.68</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
44	6,457	6,458	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
45	6,665	6,666	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
46	7,164	7,165	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
47	6,180	6,182	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
48	6,189	6,190	<b>7.03</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
49	6,104	6,105	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
50	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
51	6,883	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
52	6,804	6,805	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
53	6,205	6,206	<b>7.00</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
54	6,807	6,808	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
55	9,141	9,142	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
56	9,175	9,176	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
57	8,802	8,804	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
58	8,641	8,642	<b>2.34</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
59	8,148	8,149	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
60	8,031	8,032	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
61	7,549	7,550	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
62	8,359	8,361	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
63	8,293	8,294	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
64	7,743	7,744	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
65	7,445	7,445	<b>4.44</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
66	9,883	9,884	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
67	9,949	9,950	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
68	10,249	10,250	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
69	9,873	9,874	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
70	9,697	9,698	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
71	9,639	9,640	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
72	10,019	10,020	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
73	10,431	10,432	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
74	11,713	11,714	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
75	11,868	11,869	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
76	11,866	11,866	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
77	11,574	11,575	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
78	12,468	12,469	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
79	13,025	13,025	<b>-3.31</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	12,583	12,583	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
81	13,416	13,417	<b>-3.72</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
82	13,320	13,321	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
83	13,241	13,242	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
84	14,084	14,085	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
85	14,123	14,124	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
86	14,318	14,319	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
87	15,170	15,170	<b>-5.37</b>	105.0	0.00	94.62	-	-	0.00	0.00	-	0.00
88	14,086	14,086	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
89	14,691	14,692	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
90	14,480	14,480	<b>-4.74</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
91	15,181	15,181	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
92	15,151	15,152	<b>-5.35</b>	105.0	0.00	94.61	-	-	0.00	0.00	-	0.00
93	14,386	14,387	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
94	16,094	16,095	<b>-6.16</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00
95	15,938	15,939	<b>-6.03</b>	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00
96	16,463	16,464	<b>-6.46</b>	105.0	0.00	95.33	-	-	0.00	0.00	-	0.00
97	16,600	16,601	<b>-6.57</b>	105.0	0.00	95.40	-	-	0.00	0.00	-	0.00
98	16,072	16,073	<b>-6.14</b>	105.0	0.00	95.12	-	-	0.00	0.00	-	0.00
99	15,962	15,962	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00
100	16,731	16,731	<b>-6.67</b>	105.0	0.00	95.47	-	-	0.00	0.00	-	0.00

Sum 30.70

- Data undefined due to calculation with octave data

## Noise sensitive area: H370 H370

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,515	7,516	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
2	7,011	7,012	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
3	6,658	6,659	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
4	7,991	7,992	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
5	7,549	7,550	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
6	6,520	6,522	<b>6.30</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
7	6,006	6,008	<b>7.45</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
8	5,291	5,293	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
9	5,909	5,910	<b>7.68</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
10	5,558	5,559	<b>8.54</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
11	3,819	3,821	<b>13.69</b>	105.0	0.00	82.64	-	-	0.00	0.00	-	0.00
12	4,546	4,548	<b>11.33</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
13	3,824	3,826	<b>13.67</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
14	2,964	2,966	<b>16.98</b>	105.0	0.00	80.44	-	-	0.00	0.00	-	0.00
15	3,137	3,139	<b>16.26</b>	105.0	0.00	80.94	-	-	0.00	0.00	-	0.00
16	5,036	5,038	<b>9.91</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
17	3,728	3,729	<b>14.01</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
18	3,214	3,216	<b>15.95</b>	105.0	0.00	81.15	-	-	0.00	0.00	-	0.00
19	4,328	4,330	<b>12.00</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
20	3,267	3,269	<b>15.74</b>	105.0	0.00	81.29	-	-	0.00	0.00	-	0.00
21	3,076	3,078	<b>16.51</b>	105.0	0.00	80.77	-	-	0.00	0.00	-	0.00
22	7,191	7,192	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
23	7,833	7,835	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
24	5,795	5,797	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
25	5,919	5,920	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
26	5,305	5,306	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
27	5,136	5,138	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
28	5,590	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
29	4,647	4,648	<b>11.03</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
30	4,646	4,648	<b>11.03</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	4,614	4,615	<b>11.12</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
32	5,228	5,229	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
33	4,956	4,957	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
34	5,464	5,465	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
35	8,343	8,344	<b>2.84</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
36	8,003	8,004	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
37	8,858	8,859	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
38	8,610	8,612	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
39	7,860	7,861	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
40	6,936	6,938	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
41	7,316	7,317	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
42	6,199	6,200	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
43	6,065	6,067	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
44	6,869	6,870	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
45	6,958	6,960	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
46	7,503	7,504	<b>4.33</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
47	6,162	6,163	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
48	6,050	6,051	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
49	5,870	5,872	<b>7.78</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
50	6,871	6,873	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
51	6,647	6,648	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
52	6,489	6,490	<b>6.37</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
53	5,765	5,766	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
54	6,073	6,074	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
55	9,852	9,853	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
56	9,824	9,825	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
57	9,414	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
58	9,179	9,180	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
59	8,434	8,435	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
60	8,259	8,260	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
61	7,663	7,664	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
62	8,517	8,519	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
63	8,386	8,387	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
64	7,716	7,717	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
65	7,361	7,362	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
66	10,488	10,489	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
67	10,255	10,256	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
68	10,570	10,572	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
69	10,117	10,118	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
70	9,895	9,896	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
71	9,757	9,758	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
72	10,072	10,073	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
73	10,636	10,637	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
74	12,040	12,041	<b>-2.25</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
75	12,122	12,123	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
76	12,071	12,072	<b>-2.28</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
77	11,529	11,530	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
78	12,590	12,591	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
79	12,967	12,968	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
80	12,311	12,312	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
81	13,172	13,172	<b>-3.47</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
82	13,039	13,039	<b>-3.33</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
83	12,812	12,813	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
84	13,659	13,660	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
85	13,663	13,663	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
86	13,822	13,823	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
87	15,019	15,019	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
88	13,861	13,862	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
89	14,427	14,428	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	14,175	14,175	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
91	14,891	14,892	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
92	14,825	14,825	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
93	14,000	14,001	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
94	16,034	16,035	<b>-6.11</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
95	15,844	15,845	<b>-5.95</b>	105.0	0.00	95.00	-	-	0.00	0.00	-	0.00
96	16,325	16,326	<b>-6.35</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
97	16,311	16,312	<b>-6.33</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
98	15,756	15,757	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
99	15,603	15,604	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00
100	16,388	16,389	<b>-6.40</b>	105.0	0.00	95.29	-	-	0.00	0.00	-	0.00

Sum 27.73

- Data undefined due to calculation with octave data

## Noise sensitive area: H371 H371

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,771	7,773	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
2	7,276	7,278	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
3	6,915	6,916	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
4	8,213	8,214	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
5	7,767	7,768	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
6	6,753	6,755	<b>5.81</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
7	6,238	6,240	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
8	5,528	5,529	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
9	6,116	6,118	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
10	5,767	5,769	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
11	4,038	4,039	<b>12.94</b>	105.0	0.00	83.13	-	-	0.00	0.00	-	0.00
12	4,717	4,719	<b>10.82</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
13	4,001	4,003	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
14	3,166	3,168	<b>16.14</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00
15	3,247	3,249	<b>15.82</b>	105.0	0.00	81.24	-	-	0.00	0.00	-	0.00
16	5,175	5,177	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
17	3,823	3,825	<b>13.67</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
18	3,257	3,259	<b>15.78</b>	105.0	0.00	81.26	-	-	0.00	0.00	-	0.00
19	4,389	4,391	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
20	3,223	3,225	<b>15.91</b>	105.0	0.00	81.17	-	-	0.00	0.00	-	0.00
21	3,007	3,010	<b>16.80</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
22	7,306	7,307	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
23	7,923	7,925	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
24	5,842	5,844	<b>7.84</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
25	5,932	5,933	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
26	5,317	5,318	<b>9.16</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
27	5,101	5,103	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
28	5,530	5,532	<b>8.61</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
29	4,563	4,565	<b>11.27</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
30	4,529	4,530	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
31	4,463	4,465	<b>11.58</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
32	5,121	5,123	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
33	4,739	4,741	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
34	5,227	5,228	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
35	8,401	8,403	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
36	8,047	8,048	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
37	8,899	8,900	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
38	8,640	8,641	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
39	7,877	7,879	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
40	6,942	6,943	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,287	7,288	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
42	6,147	6,149	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
43	5,981	5,982	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
44	6,832	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
45	6,896	6,898	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
46	7,447	7,448	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
47	6,042	6,043	<b>7.37</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
48	5,907	5,908	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
49	5,710	5,711	<b>8.16</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
50	6,718	6,719	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
51	6,481	6,483	<b>6.38</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
52	6,310	6,311	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
53	5,566	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
54	5,823	5,824	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
55	9,869	9,871	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
56	9,827	9,828	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
57	9,410	9,411	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
58	9,159	9,160	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
59	8,363	8,364	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
60	8,177	8,178	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
61	7,560	7,562	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
62	8,420	8,421	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
63	8,276	8,277	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
64	7,586	7,587	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
65	7,221	7,222	<b>4.86</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
66	10,480	10,481	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
67	10,182	10,184	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
68	10,500	10,502	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
69	10,033	10,034	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
70	9,801	9,803	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
71	9,648	9,649	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
72	9,948	9,950	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
73	10,541	10,543	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
74	11,968	11,969	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
75	12,035	12,036	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
76	11,974	11,975	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
77	11,384	11,385	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
78	12,476	12,477	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
79	12,817	12,818	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
80	12,124	12,124	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
81	12,987	12,988	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
82	12,848	12,849	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
83	12,597	12,597	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
84	13,444	13,445	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
85	13,441	13,442	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
86	13,595	13,596	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
87	14,849	14,850	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
88	13,680	13,681	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
89	14,238	14,239	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
90	13,979	13,979	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
91	14,697	14,698	<b>-4.94</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
92	14,624	14,625	<b>-4.88</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
93	13,791	13,791	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
94	15,880	15,881	<b>-5.98</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00
95	15,684	15,685	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
96	16,157	16,157	<b>-6.21</b>	105.0	0.00	95.17	-	-	0.00	0.00	-	0.00
97	16,116	16,116	<b>-6.17</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
98	15,557	15,558	<b>-5.70</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
99	15,397	15,397	<b>-5.57</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
100	16,184	16,185	<b>-6.23</b>	105.0	0.00	95.18	-	-	0.00	0.00	-	0.00

Sum 27.63

Project:

20162030 Westwood Red Pine

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
 +1 701 775 3000  
 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H372 H372

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	2,836	2,839	<b>17.53</b>	105.0	0.00	80.06	-	-	0.00	0.00	-	0.00
	2	2,216	2,220	<b>20.65</b>	105.0	0.00	77.93	-	-	0.00	0.00	-	0.00
	3	2,298	2,303	<b>20.16</b>	105.0	0.00	78.24	-	-	0.00	0.00	-	0.00
	4	4,097	4,099	<b>12.74</b>	105.0	0.00	83.25	-	-	0.00	0.00	-	0.00
	5	3,903	3,905	<b>13.39</b>	105.0	0.00	82.83	-	-	0.00	0.00	-	0.00
	6	2,947	2,950	<b>17.05</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
	7	2,790	2,793	<b>17.73</b>	105.0	0.00	79.92	-	-	0.00	0.00	-	0.00
	8	2,581	2,584	<b>18.69</b>	105.0	0.00	79.25	-	-	0.00	0.00	-	0.00
	9	3,399	3,402	<b>15.22</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
	10	3,259	3,262	<b>15.77</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
	11	3,261	3,263	<b>15.76</b>	105.0	0.00	81.27	-	-	0.00	0.00	-	0.00
	12	3,950	3,951	<b>13.24</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
	13	3,902	3,904	<b>13.40</b>	105.0	0.00	82.83	-	-	0.00	0.00	-	0.00
	14	3,870	3,872	<b>13.51</b>	105.0	0.00	82.76	-	-	0.00	0.00	-	0.00
	15	4,836	4,837	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
	16	4,573	4,575	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
	17	5,011	5,012	<b>9.98</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
	18	5,534	5,535	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
	19	5,576	5,578	<b>8.49</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
	20	6,412	6,413	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
	21	6,555	6,556	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
	22	5,970	5,972	<b>7.54</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
	23	6,862	6,864	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
	24	6,379	6,380	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
	25	6,974	6,975	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
	26	6,645	6,646	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
	27	7,198	7,199	<b>4.91</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
	28	7,798	7,799	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
	29	7,515	7,515	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
	30	7,907	7,908	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
	31	8,262	8,263	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
	32	8,171	8,172	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
	33	9,274	9,275	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
	34	9,955	9,955	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
	35	7,798	7,799	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
	36	7,816	7,818	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
	37	8,504	8,505	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
	38	8,518	8,519	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
	39	8,176	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
	40	7,720	7,721	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	41	8,536	8,537	<b>2.52</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
	42	8,086	8,087	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
	43	8,456	8,457	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
	44	8,332	8,333	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
	45	8,778	8,779	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
	46	9,086	9,087	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
	47	9,015	9,016	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
	48	9,234	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
	49	9,319	9,320	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
	50	10,027	10,028	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
	51	10,009	10,009	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	52	10,067	10,068	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
	53	9,719	9,719	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
	54	10,664	10,665	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
	55	9,708	9,709	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	56	9,934	9,935	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
	57	9,728	9,730	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
	58	9,806	9,807	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
	59	10,049	10,050	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	10,086	10,087	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
61	9,924	9,925	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
62	10,534	10,535	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
63	10,621	10,622	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
64	10,385	10,385	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
65	10,231	10,231	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
66	10,689	10,690	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
67	11,591	11,592	<b>-1.73</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
68	11,821	11,822	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
69	11,680	11,681	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
70	11,634	11,635	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
71	11,770	11,771	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
72	12,268	12,269	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
73	12,284	12,284	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
74	13,144	13,145	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
75	13,481	13,482	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
76	13,605	13,606	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
77	13,931	13,932	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
78	14,376	14,377	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
79	15,330	15,331	<b>-5.51</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
80	15,373	15,373	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
81	16,114	16,115	<b>-6.17</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
82	16,100	16,100	<b>-6.16</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
83	16,321	16,322	<b>-6.34</b>	105.0	0.00	95.26	-	-	0.00	0.00	-	0.00
84	17,128	17,129	<b>-6.98</b>	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
85	17,236	17,237	<b>-7.07</b>	105.0	0.00	95.73	-	-	0.00	0.00	-	0.00
86	17,492	17,493	<b>-7.26</b>	105.0	0.00	95.86	-	-	0.00	0.00	-	0.00
87	17,596	17,596	<b>-7.34</b>	105.0	0.00	95.91	-	-	0.00	0.00	-	0.00
88	16,715	16,715	<b>-6.66</b>	105.0	0.00	95.46	-	-	0.00	0.00	-	0.00
89	17,383	17,384	<b>-7.18</b>	105.0	0.00	95.80	-	-	0.00	0.00	-	0.00
90	17,267	17,267	<b>-7.09</b>	105.0	0.00	95.74	-	-	0.00	0.00	-	0.00
91	17,912	17,912	<b>-7.58</b>	105.0	0.00	96.06	-	-	0.00	0.00	-	0.00
92	17,962	17,962	<b>-7.61</b>	105.0	0.00	96.09	-	-	0.00	0.00	-	0.00
93	17,344	17,344	<b>-7.15</b>	105.0	0.00	95.78	-	-	0.00	0.00	-	0.00
94	18,275	18,275	<b>-7.84</b>	105.0	0.00	96.24	-	-	0.00	0.00	-	0.00
95	18,205	18,206	<b>-7.79</b>	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
96	18,815	18,816	<b>-8.23</b>	105.0	0.00	96.49	-	-	0.00	0.00	-	0.00
97	19,288	19,289	<b>-8.55</b>	105.0	0.00	96.71	-	-	0.00	0.00	-	0.00
98	18,832	18,833	<b>-8.24</b>	105.0	0.00	96.50	-	-	0.00	0.00	-	0.00
99	18,815	18,816	<b>-8.23</b>	105.0	0.00	96.49	-	-	0.00	0.00	-	0.00
100	19,529	19,530	<b>-8.72</b>	105.0	0.00	96.81	-	-	0.00	0.00	-	0.00

Sum 29.17

- Data undefined due to calculation with octave data

### Noise sensitive area: H373 H373

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,637	3,640	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
2	3,009	3,012	<b>16.78</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
3	3,019	3,023	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
4	4,838	4,840	<b>10.47</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
5	4,602	4,603	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
6	3,569	3,572	<b>14.58</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
7	3,318	3,321	<b>15.53</b>	105.0	0.00	81.43	-	-	0.00	0.00	-	0.00
8	2,945	2,947	<b>17.06</b>	105.0	0.00	80.39	-	-	0.00	0.00	-	0.00
9	3,853	3,856	<b>13.56</b>	105.0	0.00	82.72	-	-	0.00	0.00	-	0.00
10	3,648	3,651	<b>14.29</b>	105.0	0.00	82.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	3,220	3,222	<b>15.92</b>	105.0	0.00	81.16	-	-	0.00	0.00	-	0.00
12	4,085	4,087	<b>12.78</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
13	3,884	3,886	<b>13.46</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
14	3,653	3,655	<b>14.28</b>	105.0	0.00	82.26	-	-	0.00	0.00	-	0.00
15	4,682	4,684	<b>10.92</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
16	4,773	4,774	<b>10.66</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
17	4,955	4,956	<b>10.14</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
18	5,374	5,375	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
19	5,591	5,592	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
20	6,211	6,212	<b>6.98</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
21	6,317	6,318	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
22	6,403	6,405	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
23	7,298	7,300	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
24	6,560	6,561	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
25	7,118	7,119	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
26	6,727	6,728	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
27	7,205	7,206	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
28	7,812	7,813	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
29	7,420	7,420	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
30	7,772	7,773	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
31	8,084	8,085	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
32	8,093	8,094	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
33	9,023	9,023	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
34	9,689	9,690	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
35	8,207	8,208	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
36	8,176	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
37	8,907	8,908	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
38	8,886	8,887	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
39	8,476	8,478	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
40	7,938	7,939	<b>3.53</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
41	8,720	8,721	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
42	8,158	8,159	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
43	8,469	8,470	<b>2.63</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
44	8,475	8,476	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
45	8,884	8,885	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
46	9,236	9,237	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
47	8,979	8,980	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
48	9,156	9,156	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
49	9,203	9,204	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
50	9,972	9,973	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
51	9,922	9,923	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
52	9,949	9,950	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
53	9,535	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
54	10,393	10,394	<b>-0.22</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
55	10,111	10,113	<b>0.16</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
56	10,308	10,309	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
57	10,071	10,072	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
58	10,108	10,109	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
59	10,219	10,220	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
60	10,226	10,227	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
61	9,998	9,999	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
62	10,657	10,658	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
63	10,714	10,715	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
64	10,410	10,411	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
65	10,223	10,224	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
66	11,066	11,067	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
67	11,830	11,831	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
68	12,075	12,076	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
69	11,889	11,890	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	11,817	11,818	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
71	11,917	11,918	<b>-2.11</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
72	12,396	12,397	<b>-2.64</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
73	12,490	12,491	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
74	13,437	13,437	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
75	13,743	13,744	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
76	13,844	13,845	<b>-4.14</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
77	14,050	14,051	<b>-4.34</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
78	14,589	14,590	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
79	15,469	15,470	<b>-5.63</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
80	15,407	15,408	<b>-5.57</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
81	16,173	16,174	<b>-6.22</b>	105.0	0.00	95.18	-	-	0.00	0.00	-	0.00
82	16,140	16,141	<b>-6.19</b>	105.0	0.00	95.16	-	-	0.00	0.00	-	0.00
83	16,292	16,292	<b>-6.32</b>	105.0	0.00	95.24	-	-	0.00	0.00	-	0.00
84	17,111	17,112	<b>-6.97</b>	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
85	17,202	17,203	<b>-7.04</b>	105.0	0.00	95.71	-	-	0.00	0.00	-	0.00
86	17,444	17,445	<b>-7.23</b>	105.0	0.00	95.83	-	-	0.00	0.00	-	0.00
87	17,721	17,721	<b>-7.43</b>	105.0	0.00	95.97	-	-	0.00	0.00	-	0.00
88	16,792	16,792	<b>-6.72</b>	105.0	0.00	95.50	-	-	0.00	0.00	-	0.00
89	17,449	17,450	<b>-7.23</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
90	17,311	17,311	<b>-7.12</b>	105.0	0.00	95.77	-	-	0.00	0.00	-	0.00
91	17,971	17,972	<b>-7.62</b>	105.0	0.00	96.09	-	-	0.00	0.00	-	0.00
92	18,003	18,004	<b>-7.64</b>	105.0	0.00	96.11	-	-	0.00	0.00	-	0.00
93	17,348	17,349	<b>-7.15</b>	105.0	0.00	95.79	-	-	0.00	0.00	-	0.00
94	18,454	18,455	<b>-7.97</b>	105.0	0.00	96.32	-	-	0.00	0.00	-	0.00
95	18,366	18,367	<b>-7.91</b>	105.0	0.00	96.28	-	-	0.00	0.00	-	0.00
96	18,961	18,961	<b>-8.33</b>	105.0	0.00	96.56	-	-	0.00	0.00	-	0.00
97	19,362	19,363	<b>-8.61</b>	105.0	0.00	96.74	-	-	0.00	0.00	-	0.00
98	18,888	18,889	<b>-8.28</b>	105.0	0.00	96.52	-	-	0.00	0.00	-	0.00
99	18,850	18,850	<b>-8.25</b>	105.0	0.00	96.51	-	-	0.00	0.00	-	0.00
100	19,579	19,579	<b>-8.75</b>	105.0	0.00	96.84	-	-	0.00	0.00	-	0.00

Sum 27.53

- Data undefined due to calculation with octave data

### Noise sensitive area: H374 H374

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,242	2,245	<b>20.50</b>	105.0	0.00	78.02	-	-	0.00	0.00	-	0.00
2	1,657	1,662	<b>24.40</b>	105.0	0.00	75.41	-	-	0.00	0.00	-	0.00
3	1,864	1,869	<b>22.90</b>	105.0	0.00	76.43	-	-	0.00	0.00	-	0.00
4	3,575	3,577	<b>14.56</b>	105.0	0.00	82.07	-	-	0.00	0.00	-	0.00
5	3,444	3,446	<b>15.05</b>	105.0	0.00	81.75	-	-	0.00	0.00	-	0.00
6	2,618	2,621	<b>18.51</b>	105.0	0.00	79.37	-	-	0.00	0.00	-	0.00
7	2,586	2,589	<b>18.66</b>	105.0	0.00	79.26	-	-	0.00	0.00	-	0.00
8	2,571	2,574	<b>18.74</b>	105.0	0.00	79.21	-	-	0.00	0.00	-	0.00
9	3,246	3,249	<b>15.82</b>	105.0	0.00	81.23	-	-	0.00	0.00	-	0.00
10	3,180	3,183	<b>16.08</b>	105.0	0.00	81.06	-	-	0.00	0.00	-	0.00
11	3,557	3,559	<b>14.63</b>	105.0	0.00	82.03	-	-	0.00	0.00	-	0.00
12	4,078	4,079	<b>12.81</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
13	4,157	4,158	<b>12.55</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
14	4,270	4,271	<b>12.18</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
15	5,168	5,169	<b>9.56</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
16	4,628	4,629	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
17	5,266	5,267	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
18	5,859	5,859	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
19	5,765	5,766	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
20	6,756	6,757	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	6,925	6,926	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
22	5,775	5,777	<b>8.00</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
23	6,654	6,655	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
24	6,415	6,416	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
25	7,035	7,036	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
26	6,762	6,763	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
27	7,372	7,372	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
28	7,961	7,961	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
29	7,767	7,768	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
30	8,187	8,188	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
31	8,573	8,574	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
32	8,404	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
33	9,634	9,635	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
34	10,322	10,323	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
35	7,607	7,608	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
36	7,673	7,674	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
37	8,313	8,314	<b>2.89</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
38	8,361	8,362	<b>2.81</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
39	8,084	8,085	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
40	7,708	7,709	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
41	8,547	8,548	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
42	8,197	8,198	<b>3.08</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
43	8,614	8,615	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
44	8,381	8,382	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
45	8,855	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
46	9,124	9,124	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
47	9,209	9,210	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
48	9,461	9,462	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
49	9,575	9,575	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
50	10,230	10,231	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
51	10,237	10,237	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
52	10,320	10,321	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
53	10,025	10,026	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
54	11,033	11,033	<b>-1.05</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
55	9,509	9,510	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
56	9,762	9,763	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
57	9,588	9,589	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
58	9,703	9,704	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
59	10,063	10,063	<b>0.22</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
60	10,125	10,126	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
61	10,020	10,021	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
62	10,586	10,586	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
63	10,697	10,698	<b>-0.62</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
64	10,520	10,520	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
65	10,394	10,394	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
66	10,511	10,512	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
67	11,536	11,537	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
68	11,751	11,752	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
69	11,651	11,652	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
70	11,628	11,629	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
71	11,796	11,797	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
72	12,308	12,308	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
73	12,255	12,256	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
74	13,035	13,036	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
75	13,399	13,399	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
76	13,542	13,543	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
77	13,973	13,973	<b>-4.26</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
78	14,335	14,336	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
79	15,351	15,352	<b>-5.53</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	15,483	15,484	<b>-5.64</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
81	16,202	16,203	<b>-6.25</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
82	16,204	16,204	<b>-6.25</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
83	16,482	16,483	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
84	17,278	17,279	<b>-7.10</b>	105.0	0.00	95.75	-	-	0.00	0.00	-	0.00
85	17,399	17,400	<b>-7.19</b>	105.0	0.00	95.81	-	-	0.00	0.00	-	0.00
86	17,667	17,668	<b>-7.39</b>	105.0	0.00	95.94	-	-	0.00	0.00	-	0.00
87	17,624	17,625	<b>-7.36</b>	105.0	0.00	95.92	-	-	0.00	0.00	-	0.00
88	16,786	16,786	<b>-6.72</b>	105.0	0.00	95.50	-	-	0.00	0.00	-	0.00
89	17,462	17,463	<b>-7.24</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
90	17,365	17,365	<b>-7.17</b>	105.0	0.00	95.79	-	-	0.00	0.00	-	0.00
91	17,996	17,996	<b>-7.64</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
92	18,061	18,061	<b>-7.69</b>	105.0	0.00	96.14	-	-	0.00	0.00	-	0.00
93	17,475	17,476	<b>-7.25</b>	105.0	0.00	95.85	-	-	0.00	0.00	-	0.00
94	18,255	18,256	<b>-7.83</b>	105.0	0.00	96.23	-	-	0.00	0.00	-	0.00
95	18,201	18,202	<b>-7.79</b>	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
96	18,824	18,824	<b>-8.23</b>	105.0	0.00	96.49	-	-	0.00	0.00	-	0.00
97	19,358	19,358	<b>-8.60</b>	105.0	0.00	96.74	-	-	0.00	0.00	-	0.00
98	18,918	18,918	<b>-8.30</b>	105.0	0.00	96.54	-	-	0.00	0.00	-	0.00
99	18,919	18,919	<b>-8.30</b>	105.0	0.00	96.54	-	-	0.00	0.00	-	0.00
100	19,619	19,619	<b>-8.78</b>	105.0	0.00	96.85	-	-	0.00	0.00	-	0.00

Sum 30.67

- Data undefined due to calculation with octave data

### Noise sensitive area: H375 H375

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,640	3,641	<b>14.33</b>	105.0	0.00	82.22	-	-	0.00	0.00	-	0.00
2	3,946	3,947	<b>13.25</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
3	4,401	4,402	<b>11.77</b>	105.0	0.00	83.87	-	-	0.00	0.00	-	0.00
4	4,212	4,213	<b>12.37</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
5	4,577	4,577	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
6	4,940	4,941	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
7	5,370	5,371	<b>9.02</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
8	5,918	5,918	<b>7.66</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
9	5,884	5,885	<b>7.74</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
10	6,095	6,096	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
11	7,391	7,391	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
12	7,383	7,383	<b>4.55</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
13	7,803	7,803	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
14	8,261	8,261	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
15	8,912	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
16	7,582	7,582	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
17	8,775	8,775	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
18	9,523	9,523	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
19	9,005	9,005	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
20	10,416	10,416	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
21	10,657	10,657	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
22	7,420	7,421	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
23	8,035	8,036	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
24	8,995	8,995	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
25	9,638	9,638	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
26	9,624	9,625	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
27	10,392	10,392	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
28	10,885	10,885	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
29	11,050	11,050	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
30	11,545	11,545	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	12,020	12,021	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
32	11,574	11,574	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
33	13,212	13,212	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
34	13,903	13,903	<b>-4.20</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
35	8,918	8,918	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
36	9,229	9,229	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
37	9,519	9,520	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
38	9,749	9,749	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
39	9,853	9,854	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
40	9,910	9,910	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
41	10,762	10,762	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
42	10,891	10,892	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
43	11,469	11,469	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
44	10,787	10,788	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
45	11,343	11,343	<b>-1.43</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
46	11,410	11,410	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
47	12,172	12,172	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
48	12,543	12,543	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
49	12,765	12,765	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
50	13,172	13,172	<b>-3.47</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
51	13,284	13,284	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
52	13,464	13,464	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
53	13,390	13,390	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
54	14,596	14,597	<b>-4.85</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
55	10,523	10,524	<b>-0.40</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
56	10,904	10,904	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
57	10,923	10,923	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
58	11,232	11,232	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
59	12,160	12,160	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
60	12,339	12,339	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
61	12,511	12,511	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
62	12,828	12,828	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
63	13,051	13,051	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
64	13,153	13,153	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
65	13,158	13,158	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
66	11,547	11,547	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
67	13,177	13,177	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
68	13,298	13,298	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
69	13,424	13,424	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
70	13,520	13,520	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
71	13,838	13,838	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
72	14,391	14,392	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
73	13,991	13,991	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
74	14,283	14,284	<b>-4.56</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
75	14,777	14,777	<b>-5.02</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
76	15,024	15,024	<b>-5.24</b>	105.0	0.00	94.54	-	-	0.00	0.00	-	0.00
77	15,987	15,987	<b>-6.07</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
78	15,896	15,897	<b>-5.99</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
79	17,203	17,203	<b>-7.04</b>	105.0	0.00	95.71	-	-	0.00	0.00	-	0.00
80	17,786	17,786	<b>-7.48</b>	105.0	0.00	96.00	-	-	0.00	0.00	-	0.00
81	18,371	18,371	<b>-7.91</b>	105.0	0.00	96.28	-	-	0.00	0.00	-	0.00
82	18,451	18,451	<b>-7.97</b>	105.0	0.00	96.32	-	-	0.00	0.00	-	0.00
83	19,005	19,005	<b>-8.36</b>	105.0	0.00	96.58	-	-	0.00	0.00	-	0.00
84	19,724	19,724	<b>-8.85</b>	105.0	0.00	96.90	-	-	0.00	0.00	-	0.00
85	19,908	19,908	<b>-8.97</b>	105.0	0.00	96.98	-	-	0.00	0.00	-	0.00
86	20,226	20,226	<b>-9.18</b>	105.0	0.00	97.12	-	-	0.00	0.00	-	0.00
87	19,440	19,441	<b>-8.66</b>	105.0	0.00	96.77	-	-	0.00	0.00	-	0.00
88	18,851	18,851	<b>-8.25</b>	105.0	0.00	96.51	-	-	0.00	0.00	-	0.00
89	19,550	19,550	<b>-8.73</b>	105.0	0.00	96.82	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	19,552	19,552	<b>-8.73</b>	105.0	0.00	96.82	-	-	0.00	0.00	-	0.00
91	20,094	20,094	<b>-9.09</b>	105.0	0.00	97.06	-	-	0.00	0.00	-	0.00
92	20,235	20,235	<b>-9.19</b>	105.0	0.00	97.12	-	-	0.00	0.00	-	0.00
93	19,825	19,825	<b>-8.92</b>	105.0	0.00	96.94	-	-	0.00	0.00	-	0.00
94	19,791	19,792	<b>-8.89</b>	105.0	0.00	96.93	-	-	0.00	0.00	-	0.00
95	19,826	19,826	<b>-8.92</b>	105.0	0.00	96.94	-	-	0.00	0.00	-	0.00
96	20,499	20,499	<b>-9.36</b>	105.0	0.00	97.23	-	-	0.00	0.00	-	0.00
97	21,346	21,346	<b>-9.89</b>	105.0	0.00	97.59	-	-	0.00	0.00	-	0.00
98	20,999	20,999	<b>-9.67</b>	105.0	0.00	97.44	-	-	0.00	0.00	-	0.00
99	21,095	21,095	<b>-9.73</b>	105.0	0.00	97.48	-	-	0.00	0.00	-	0.00
100	21,708	21,708	<b>-10.11</b>	105.0	0.00	97.73	-	-	0.00	0.00	-	0.00

Sum 22.89

- Data undefined due to calculation with octave data

### Noise sensitive area: H376 H376

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,940	3,941	<b>13.27</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
2	4,374	4,375	<b>11.86</b>	105.0	0.00	83.82	-	-	0.00	0.00	-	0.00
3	4,774	4,774	<b>10.66</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
4	4,162	4,162	<b>12.54</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
5	4,584	4,585	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
6	5,171	5,172	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
7	5,648	5,649	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
8	6,269	6,269	<b>6.85</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
9	6,076	6,076	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
10	6,332	6,333	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
11	7,785	7,786	<b>3.81</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
12	7,633	7,633	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
13	8,127	8,127	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
14	8,677	8,677	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
15	9,230	9,230	<b>1.42</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
16	7,733	7,733	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
17	9,027	9,027	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
18	9,801	9,801	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
19	9,174	9,174	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
20	10,673	10,673	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
21	10,932	10,932	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
22	7,263	7,264	<b>4.78</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
23	7,784	7,785	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
24	8,992	8,992	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
25	9,619	9,619	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
26	9,673	9,673	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
27	10,461	10,462	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
28	10,917	10,917	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
29	11,179	11,180	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
30	11,687	11,687	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
31	12,182	12,182	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
32	11,661	11,661	<b>-1.81</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
33	13,398	13,398	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
34	14,082	14,082	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
35	8,613	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
36	8,969	8,970	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
37	9,170	9,170	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
38	9,433	9,434	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
39	9,623	9,624	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
40	9,782	9,782	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	10,614	10,614	-0.51	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
42	10,862	10,862	-0.83	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
43	11,469	11,469	-1.58	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
44	10,687	10,687	-0.61	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
45	11,250	11,250	-1.32	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
46	11,264	11,264	-1.33	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
47	12,189	12,189	-2.41	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
48	12,587	12,587	-2.85	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
49	12,837	12,837	-3.12	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
50	13,167	13,167	-3.46	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
51	13,306	13,307	-3.60	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
52	13,513	13,513	-3.81	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
53	13,506	13,506	-3.81	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
54	14,762	14,762	-5.00	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
55	10,102	10,102	0.17	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
56	10,501	10,501	-0.37	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
57	10,563	10,563	-0.45	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
58	10,909	10,909	-0.89	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
59	11,952	11,952	-2.14	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
60	12,157	12,157	-2.38	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
61	12,395	12,395	-2.64	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
62	12,644	12,645	-2.91	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
63	12,891	12,891	-3.17	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
64	13,064	13,064	-3.36	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
65	13,104	13,104	-3.40	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
66	11,106	11,106	-1.14	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
67	12,842	12,843	-3.12	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
68	12,940	12,940	-3.23	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
69	13,116	13,117	-3.41	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
70	13,239	13,240	-3.54	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
71	13,588	13,588	-3.89	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
72	14,144	14,145	-4.43	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
73	13,666	13,666	-3.96	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
74	13,844	13,844	-4.14	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
75	14,360	14,360	-4.63	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
76	14,627	14,627	-4.88	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
77	15,704	15,704	-5.83	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
78	15,508	15,508	-5.66	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
79	16,868	16,868	-6.78	105.0	0.00	95.54	-	-	0.00	0.00	-	0.00
80	17,558	17,558	-7.31	105.0	0.00	95.89	-	-	0.00	0.00	-	0.00
81	18,104	18,104	-7.72	105.0	0.00	96.16	-	-	0.00	0.00	-	0.00
82	18,202	18,203	-7.79	105.0	0.00	96.20	-	-	0.00	0.00	-	0.00
83	18,824	18,824	-8.23	105.0	0.00	96.49	-	-	0.00	0.00	-	0.00
84	19,518	19,518	-8.71	105.0	0.00	96.81	-	-	0.00	0.00	-	0.00
85	19,717	19,718	-8.84	105.0	0.00	96.90	-	-	0.00	0.00	-	0.00
86	20,046	20,046	-9.06	105.0	0.00	97.04	-	-	0.00	0.00	-	0.00
87	19,080	19,080	-8.41	105.0	0.00	96.61	-	-	0.00	0.00	-	0.00
88	18,554	18,554	-8.04	105.0	0.00	96.37	-	-	0.00	0.00	-	0.00
89	19,254	19,254	-8.53	105.0	0.00	96.69	-	-	0.00	0.00	-	0.00
90	19,281	19,281	-8.55	105.0	0.00	96.70	-	-	0.00	0.00	-	0.00
91	19,796	19,796	-8.90	105.0	0.00	96.93	-	-	0.00	0.00	-	0.00
92	19,956	19,956	-9.00	105.0	0.00	97.00	-	-	0.00	0.00	-	0.00
93	19,593	19,593	-8.76	105.0	0.00	96.84	-	-	0.00	0.00	-	0.00
94	19,364	19,364	-8.61	105.0	0.00	96.74	-	-	0.00	0.00	-	0.00
95	19,418	19,418	-8.64	105.0	0.00	96.76	-	-	0.00	0.00	-	0.00
96	20,099	20,099	-9.10	105.0	0.00	97.06	-	-	0.00	0.00	-	0.00
97	21,014	21,014	-9.68	105.0	0.00	97.45	-	-	0.00	0.00	-	0.00
98	20,692	20,692	-9.48	105.0	0.00	97.32	-	-	0.00	0.00	-	0.00
99	20,811	20,811	-9.56	105.0	0.00	97.37	-	-	0.00	0.00	-	0.00
100	21,398	21,399	-9.92	105.0	0.00	97.61	-	-	0.00	0.00	-	0.00

Sum 22.44

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H377 H377

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	1,875	1,876	<b>22.85</b>	105.0	0.00	76.47	-	-	0.00	0.00	-	0.00	
2	2,289	2,291	<b>20.23</b>	105.0	0.00	78.20	-	-	0.00	0.00	-	0.00	
3	2,693	2,694	<b>18.18</b>	105.0	0.00	79.61	-	-	0.00	0.00	-	0.00	
4	2,434	2,435	<b>19.41</b>	105.0	0.00	78.73	-	-	0.00	0.00	-	0.00	
5	2,772	2,773	<b>17.82</b>	105.0	0.00	79.86	-	-	0.00	0.00	-	0.00	
6	3,150	3,151	<b>16.21</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00	
7	3,603	3,604	<b>14.46</b>	105.0	0.00	82.14	-	-	0.00	0.00	-	0.00	
8	4,198	4,198	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00	
9	4,085	4,086	<b>12.79</b>	105.0	0.00	83.22	-	-	0.00	0.00	-	0.00	
10	4,312	4,313	<b>12.05</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00	
11	5,707	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00	
12	5,608	5,609	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00	
13	6,069	6,070	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00	
14	6,595	6,596	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00	
15	7,176	7,176	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00	
16	5,776	5,776	<b>8.00</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00	
17	7,004	7,005	<b>5.30</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00	
18	7,766	7,766	<b>3.84</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00	
19	7,205	7,205	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00	
20	8,650	8,650	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00	
21	8,900	8,900	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00	
22	5,652	5,652	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00	
23	6,313	6,313	<b>6.76</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00	
24	7,180	7,181	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00	
25	7,825	7,825	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00	
26	7,808	7,808	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00	
27	8,576	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00	
28	9,069	9,069	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00	
29	9,243	9,243	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00	
30	9,741	9,741	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00	
31	10,221	10,222	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00	
32	9,761	9,761	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00	
33	11,421	11,421	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00	
34	12,110	12,111	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00	
35	7,224	7,224	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00	
36	7,503	7,503	<b>4.33</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00	
37	7,854	7,855	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00	
38	8,056	8,057	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00	
39	8,107	8,108	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00	
40	8,120	8,120	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00	
41	8,977	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00	
42	9,078	9,079	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00	
43	9,653	9,653	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00	
44	8,988	8,988	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00	
45	9,541	9,541	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00	
46	9,622	9,623	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00	
47	10,355	10,356	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00	
48	10,727	10,727	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00	
49	10,951	10,951	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00	
50	11,356	11,356	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00	
51	11,467	11,467	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00	
52	11,648	11,649	<b>-1.79</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00	
53	11,582	11,582	<b>-1.71</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00	
54	12,800	12,800	<b>-3.08</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00	
55	8,911	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00	
56	9,272	9,272	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00	
57	9,255	9,256	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00	
58	9,535	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00	
59	10,395	10,395	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00	

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	10,563	10,564	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
61	10,713	10,713	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
62	11,052	11,053	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
63	11,265	11,266	<b>-1.33</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
64	11,348	11,348	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
65	11,347	11,347	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
66	9,945	9,945	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
67	11,481	11,481	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
68	11,618	11,618	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
69	11,709	11,710	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
70	11,789	11,790	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
71	12,089	12,089	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
72	12,640	12,641	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
73	12,285	12,286	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
74	12,666	12,666	<b>-2.94</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
75	13,138	13,138	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
76	13,368	13,368	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
77	14,252	14,252	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
78	14,232	14,232	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
79	15,496	15,496	<b>-5.65</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
80	16,022	16,022	<b>-6.10</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00
81	16,624	16,624	<b>-6.59</b>	105.0	0.00	95.41	-	-	0.00	0.00	-	0.00
82	16,694	16,695	<b>-6.64</b>	105.0	0.00	95.45	-	-	0.00	0.00	-	0.00
83	17,221	17,221	<b>-7.06</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
84	17,949	17,949	<b>-7.60</b>	105.0	0.00	96.08	-	-	0.00	0.00	-	0.00
85	18,127	18,127	<b>-7.73</b>	105.0	0.00	96.17	-	-	0.00	0.00	-	0.00
86	18,441	18,441	<b>-7.96</b>	105.0	0.00	96.32	-	-	0.00	0.00	-	0.00
87	17,748	17,748	<b>-7.45</b>	105.0	0.00	95.98	-	-	0.00	0.00	-	0.00
88	17,119	17,119	<b>-6.98</b>	105.0	0.00	95.67	-	-	0.00	0.00	-	0.00
89	17,817	17,817	<b>-7.51</b>	105.0	0.00	96.02	-	-	0.00	0.00	-	0.00
90	17,806	17,806	<b>-7.50</b>	105.0	0.00	96.01	-	-	0.00	0.00	-	0.00
91	18,361	18,361	<b>-7.90</b>	105.0	0.00	96.28	-	-	0.00	0.00	-	0.00
92	18,492	18,492	<b>-8.00</b>	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
93	18,060	18,060	<b>-7.69</b>	105.0	0.00	96.13	-	-	0.00	0.00	-	0.00
94	18,149	18,149	<b>-7.75</b>	105.0	0.00	96.18	-	-	0.00	0.00	-	0.00
95	18,167	18,167	<b>-7.76</b>	105.0	0.00	96.19	-	-	0.00	0.00	-	0.00
96	18,834	18,834	<b>-8.24</b>	105.0	0.00	96.50	-	-	0.00	0.00	-	0.00
97	19,632	19,632	<b>-8.79</b>	105.0	0.00	96.86	-	-	0.00	0.00	-	0.00
98	19,271	19,271	<b>-8.54</b>	105.0	0.00	96.70	-	-	0.00	0.00	-	0.00
99	19,354	19,354	<b>-8.60</b>	105.0	0.00	96.74	-	-	0.00	0.00	-	0.00
100	19,980	19,980	<b>-9.02</b>	105.0	0.00	97.01	-	-	0.00	0.00	-	0.00

Sum 28.80

- Data undefined due to calculation with octave data

### Noise sensitive area: H378 H378

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	787	791	<b>33.24</b>	105.0	0.00	68.96	-	-	0.00	0.00	-	0.00
2	1,248	1,251	<b>27.90</b>	105.0	0.00	72.95	-	-	0.00	0.00	-	0.00
3	1,614	1,616	<b>24.75</b>	105.0	0.00	75.17	-	-	0.00	0.00	-	0.00
4	1,674	1,675	<b>24.30</b>	105.0	0.00	75.48	-	-	0.00	0.00	-	0.00
5	1,889	1,891	<b>22.75</b>	105.0	0.00	76.53	-	-	0.00	0.00	-	0.00
6	2,077	2,079	<b>21.52</b>	105.0	0.00	77.36	-	-	0.00	0.00	-	0.00
7	2,518	2,520	<b>18.99</b>	105.0	0.00	79.03	-	-	0.00	0.00	-	0.00
8	3,111	3,112	<b>16.37</b>	105.0	0.00	80.86	-	-	0.00	0.00	-	0.00
9	3,022	3,024	<b>16.74</b>	105.0	0.00	80.61	-	-	0.00	0.00	-	0.00
10	3,235	3,236	<b>15.87</b>	105.0	0.00	81.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	4,624	4,625	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
12	4,527	4,528	<b>11.39</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
13	4,981	4,982	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
14	5,516	5,516	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
15	6,088	6,089	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
16	4,722	4,723	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
17	5,922	5,923	<b>7.65</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
18	6,681	6,681	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
19	6,142	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
20	7,567	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
21	7,815	7,815	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
22	4,804	4,805	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
23	5,538	5,539	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
24	6,195	6,195	<b>7.02</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
25	6,844	6,844	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
26	6,791	6,791	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
27	7,547	7,547	<b>4.25</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
28	8,055	8,055	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
29	8,190	8,190	<b>3.10</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
30	8,683	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
31	9,157	9,158	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
32	8,722	8,722	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
33	10,350	10,351	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
34	11,041	11,041	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
35	6,480	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
36	6,709	6,710	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
37	7,142	7,143	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
38	7,306	7,307	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
39	7,277	7,278	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
40	7,208	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
41	8,072	8,072	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
42	8,096	8,097	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
43	8,652	8,653	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
44	8,050	8,051	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
45	8,594	8,595	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
46	8,710	8,711	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
47	9,345	9,345	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
48	9,703	9,703	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
49	9,915	9,915	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
50	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
51	10,451	10,452	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
52	10,621	10,622	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
53	10,530	10,530	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
54	11,734	11,734	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
55	8,255	8,255	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
56	8,589	8,589	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
57	8,529	8,530	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
58	8,770	8,770	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
59	9,523	9,524	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
60	9,671	9,672	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
61	9,774	9,775	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
62	10,158	10,159	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
63	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
64	10,391	10,391	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
65	10,370	10,370	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
66	9,291	9,292	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
67	10,705	10,705	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
68	10,862	10,863	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
69	10,908	10,909	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	10,965	10,966	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
71	11,238	11,238	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
72	11,784	11,784	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
73	11,495	11,495	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
74	11,979	11,980	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
75	12,425	12,426	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
76	12,634	12,635	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
77	13,415	13,416	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
78	13,485	13,485	<b>-3.78</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
79	14,695	14,695	<b>-4.94</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
80	15,138	15,138	<b>-5.34</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
81	15,766	15,767	<b>-5.88</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
82	15,823	15,823	<b>-5.93</b>	105.0	0.00	94.99	-	-	0.00	0.00	-	0.00
83	16,303	16,303	<b>-6.33</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
84	17,045	17,045	<b>-6.92</b>	105.0	0.00	95.63	-	-	0.00	0.00	-	0.00
85	17,213	17,213	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
86	17,519	17,519	<b>-7.28</b>	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
87	16,960	16,960	<b>-6.85</b>	105.0	0.00	95.59	-	-	0.00	0.00	-	0.00
88	16,282	16,282	<b>-6.31</b>	105.0	0.00	95.23	-	-	0.00	0.00	-	0.00
89	16,977	16,978	<b>-6.87</b>	105.0	0.00	95.60	-	-	0.00	0.00	-	0.00
90	16,948	16,948	<b>-6.84</b>	105.0	0.00	95.58	-	-	0.00	0.00	-	0.00
91	17,520	17,520	<b>-7.28</b>	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
92	17,638	17,638	<b>-7.37</b>	105.0	0.00	95.93	-	-	0.00	0.00	-	0.00
93	17,173	17,174	<b>-7.02</b>	105.0	0.00	95.70	-	-	0.00	0.00	-	0.00
94	17,418	17,418	<b>-7.21</b>	105.0	0.00	95.82	-	-	0.00	0.00	-	0.00
95	17,418	17,419	<b>-7.21</b>	105.0	0.00	95.82	-	-	0.00	0.00	-	0.00
96	18,076	18,076	<b>-7.70</b>	105.0	0.00	96.14	-	-	0.00	0.00	-	0.00
97	18,815	18,815	<b>-8.23</b>	105.0	0.00	96.49	-	-	0.00	0.00	-	0.00
98	18,435	18,436	<b>-7.96</b>	105.0	0.00	96.31	-	-	0.00	0.00	-	0.00
99	18,501	18,502	<b>-8.00</b>	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
100	19,144	19,145	<b>-8.46</b>	105.0	0.00	96.64	-	-	0.00	0.00	-	0.00

Sum 36.05

- Data undefined due to calculation with octave data

### Noise sensitive area: H379 H379

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,178	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
2	4,685	4,686	<b>10.91</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
3	5,034	5,034	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
4	4,134	4,134	<b>12.63</b>	105.0	0.00	83.33	-	-	0.00	0.00	-	0.00
5	4,585	4,585	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
6	5,319	5,319	<b>9.16</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
7	5,819	5,819	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
8	6,481	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
9	6,174	6,174	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
10	6,459	6,459	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
11	8,008	8,008	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
12	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
13	8,294	8,294	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
14	8,907	8,907	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
15	9,382	9,382	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
16	7,775	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
17	9,131	9,131	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
18	9,918	9,918	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
19	9,214	9,214	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
20	10,769	10,769	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,040	11,041	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
22	7,080	7,081	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
23	7,524	7,524	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
24	8,905	8,905	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
25	9,515	9,515	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
26	9,619	9,619	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
27	10,418	10,418	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
28	10,843	10,843	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
29	11,176	11,176	<b>-1.22</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
30	11,690	11,690	<b>-1.84</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
31	12,197	12,197	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
32	11,622	11,622	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
33	13,427	13,427	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
34	14,103	14,103	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
35	8,304	8,304	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
36	8,691	8,691	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
37	8,822	8,823	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
38	9,110	9,110	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
39	9,362	9,362	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
40	9,596	9,596	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
41	10,407	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
42	10,742	10,742	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
43	11,368	11,368	<b>-1.46</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
44	10,514	10,514	<b>-0.38</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
45	11,080	11,080	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
46	11,055	11,055	<b>-1.08</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
47	12,096	12,096	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
48	12,512	12,512	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
49	12,782	12,782	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
50	13,053	13,053	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
51	13,213	13,213	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
52	13,437	13,437	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
53	13,481	13,481	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
54	14,770	14,770	<b>-5.01</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
55	9,695	9,696	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
56	10,106	10,107	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
57	10,200	10,200	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
58	10,571	10,571	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
59	11,694	11,694	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
60	11,916	11,917	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
61	12,203	12,203	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
62	12,400	12,401	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
63	12,664	12,664	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
64	12,888	12,889	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
65	12,954	12,954	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
66	10,681	10,682	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
67	12,487	12,488	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
68	12,567	12,567	<b>-2.83</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
69	12,780	12,780	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
70	12,922	12,922	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
71	13,292	13,292	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
72	13,848	13,849	<b>-4.14</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
73	13,315	13,315	<b>-3.61</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
74	13,410	13,411	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
75	13,941	13,941	<b>-4.23</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
76	14,222	14,222	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
77	15,377	15,377	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
78	15,106	15,106	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
79	16,502	16,502	<b>-6.49</b>	105.0	0.00	95.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	17,266	17,266	<b>-7.09</b>	105.0	0.00	95.74	-	-	0.00	0.00	-	0.00
81	17,783	17,783	<b>-7.48</b>	105.0	0.00	96.00	-	-	0.00	0.00	-	0.00
82	17,895	17,895	<b>-7.56</b>	105.0	0.00	96.05	-	-	0.00	0.00	-	0.00
83	18,564	18,565	<b>-8.05</b>	105.0	0.00	96.37	-	-	0.00	0.00	-	0.00
84	19,238	19,239	<b>-8.52</b>	105.0	0.00	96.68	-	-	0.00	0.00	-	0.00
85	19,449	19,449	<b>-8.66</b>	105.0	0.00	96.78	-	-	0.00	0.00	-	0.00
86	19,785	19,785	<b>-8.89</b>	105.0	0.00	96.93	-	-	0.00	0.00	-	0.00
87	18,691	18,691	<b>-8.14</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
88	18,212	18,212	<b>-7.80</b>	105.0	0.00	96.21	-	-	0.00	0.00	-	0.00
89	18,911	18,911	<b>-8.29</b>	105.0	0.00	96.53	-	-	0.00	0.00	-	0.00
90	18,955	18,955	<b>-8.32</b>	105.0	0.00	96.55	-	-	0.00	0.00	-	0.00
91	19,451	19,451	<b>-8.67</b>	105.0	0.00	96.78	-	-	0.00	0.00	-	0.00
92	19,623	19,623	<b>-8.78</b>	105.0	0.00	96.86	-	-	0.00	0.00	-	0.00
93	19,295	19,295	<b>-8.56</b>	105.0	0.00	96.71	-	-	0.00	0.00	-	0.00
94	18,927	18,927	<b>-8.30</b>	105.0	0.00	96.54	-	-	0.00	0.00	-	0.00
95	18,995	18,996	<b>-8.35</b>	105.0	0.00	96.57	-	-	0.00	0.00	-	0.00
96	19,680	19,680	<b>-8.82</b>	105.0	0.00	96.88	-	-	0.00	0.00	-	0.00
97	20,643	20,643	<b>-9.45</b>	105.0	0.00	97.30	-	-	0.00	0.00	-	0.00
98	20,339	20,339	<b>-9.25</b>	105.0	0.00	97.17	-	-	0.00	0.00	-	0.00
99	20,474	20,474	<b>-9.34</b>	105.0	0.00	97.22	-	-	0.00	0.00	-	0.00
100	21,042	21,042	<b>-9.70</b>	105.0	0.00	97.46	-	-	0.00	0.00	-	0.00

Sum 22.23

- Data undefined due to calculation with octave data

### Noise sensitive area: H380 H380

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,874	3,874	<b>13.50</b>	105.0	0.00	82.76	-	-	0.00	0.00	-	0.00
2	4,394	4,394	<b>11.80</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
3	4,731	4,731	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
4	3,799	3,799	<b>13.76</b>	105.0	0.00	82.59	-	-	0.00	0.00	-	0.00
5	4,251	4,251	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
6	4,997	4,997	<b>10.02</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
7	5,499	5,499	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
8	6,167	6,167	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
9	5,845	5,846	<b>7.84</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
10	6,133	6,133	<b>7.16</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
11	7,694	7,694	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
12	7,422	7,422	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
13	7,972	7,972	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
14	8,593	8,593	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
15	9,057	9,057	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
16	7,441	7,441	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
17	8,801	8,801	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
18	9,590	9,590	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
19	8,880	8,880	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
20	10,438	10,438	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
21	10,711	10,711	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
22	6,748	6,749	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
23	7,199	7,200	<b>4.91</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
24	8,569	8,569	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
25	9,179	9,180	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
26	9,282	9,283	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
27	10,081	10,082	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
28	10,506	10,507	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
29	10,840	10,840	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
30	11,354	11,354	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	11,861	11,861	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
32	11,286	11,286	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
33	13,092	13,092	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
34	13,767	13,767	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
35	7,986	7,987	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
36	8,369	8,370	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
37	8,512	8,513	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
38	8,795	8,796	<b>2.10</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
39	9,038	9,039	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
40	9,265	9,265	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
41	10,078	10,078	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
42	10,407	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
43	11,032	11,032	<b>-1.05</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
44	10,182	10,182	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
45	10,748	10,748	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
46	10,726	10,727	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
47	11,760	11,760	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
48	12,176	12,176	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
49	12,446	12,446	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
50	12,718	12,718	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
51	12,877	12,877	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
52	13,101	13,101	<b>-3.39</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
53	13,145	13,145	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
54	14,435	14,435	<b>-4.70</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
55	9,398	9,399	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
56	9,806	9,807	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
57	9,893	9,894	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
58	10,259	10,260	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
59	11,370	11,370	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
60	11,591	11,591	<b>-1.73</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
61	11,872	11,873	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
62	12,075	12,076	<b>-2.28</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
63	12,337	12,337	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
64	12,557	12,557	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
65	12,621	12,621	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
66	10,389	10,389	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
67	12,180	12,180	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
68	12,263	12,264	<b>-2.50</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
69	12,469	12,469	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
70	12,607	12,608	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
71	12,974	12,975	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
72	13,531	13,531	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
73	13,007	13,007	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
74	13,121	13,121	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
75	13,648	13,648	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
76	13,926	13,926	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
77	15,065	15,065	<b>-5.27</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
78	14,809	14,809	<b>-5.04</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
79	16,198	16,198	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
80	16,948	16,948	<b>-6.84</b>	105.0	0.00	95.58	-	-	0.00	0.00	-	0.00
81	17,470	17,470	<b>-7.25</b>	105.0	0.00	95.85	-	-	0.00	0.00	-	0.00
82	17,580	17,580	<b>-7.33</b>	105.0	0.00	95.90	-	-	0.00	0.00	-	0.00
83	18,242	18,242	<b>-7.82</b>	105.0	0.00	96.22	-	-	0.00	0.00	-	0.00
84	18,919	18,919	<b>-8.30</b>	105.0	0.00	96.54	-	-	0.00	0.00	-	0.00
85	19,128	19,128	<b>-8.44</b>	105.0	0.00	96.63	-	-	0.00	0.00	-	0.00
86	19,463	19,463	<b>-8.67</b>	105.0	0.00	96.78	-	-	0.00	0.00	-	0.00
87	18,391	18,392	<b>-7.93</b>	105.0	0.00	96.29	-	-	0.00	0.00	-	0.00
88	17,903	17,903	<b>-7.57</b>	105.0	0.00	96.06	-	-	0.00	0.00	-	0.00
89	18,602	18,602	<b>-8.08</b>	105.0	0.00	96.39	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	18,643	18,643	<b>-8.11</b>	105.0	0.00	96.41	-	-	0.00	0.00	-	0.00
91	19,143	19,143	<b>-8.45</b>	105.0	0.00	96.64	-	-	0.00	0.00	-	0.00
92	19,312	19,312	<b>-8.57</b>	105.0	0.00	96.72	-	-	0.00	0.00	-	0.00
93	18,978	18,979	<b>-8.34</b>	105.0	0.00	96.57	-	-	0.00	0.00	-	0.00
94	18,640	18,640	<b>-8.10</b>	105.0	0.00	96.41	-	-	0.00	0.00	-	0.00
95	18,704	18,705	<b>-8.15</b>	105.0	0.00	96.44	-	-	0.00	0.00	-	0.00
96	19,388	19,388	<b>-8.62</b>	105.0	0.00	96.75	-	-	0.00	0.00	-	0.00
97	20,340	20,340	<b>-9.25</b>	105.0	0.00	97.17	-	-	0.00	0.00	-	0.00
98	20,032	20,032	<b>-9.05</b>	105.0	0.00	97.03	-	-	0.00	0.00	-	0.00
99	20,164	20,164	<b>-9.14</b>	105.0	0.00	97.09	-	-	0.00	0.00	-	0.00
100	20,736	20,736	<b>-9.51</b>	105.0	0.00	97.33	-	-	0.00	0.00	-	0.00

Sum 22.99

- Data undefined due to calculation with octave data

## Noise sensitive area: H381 H381

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,203	3,204	<b>16.00</b>	105.0	0.00	81.11	-	-	0.00	0.00	-	0.00
2	3,729	3,730	<b>14.01</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
3	4,060	4,061	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
4	3,165	3,166	<b>16.15</b>	105.0	0.00	81.01	-	-	0.00	0.00	-	0.00
5	3,610	3,611	<b>14.44</b>	105.0	0.00	82.15	-	-	0.00	0.00	-	0.00
6	4,328	4,329	<b>12.00</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
7	4,829	4,830	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
8	5,495	5,495	<b>8.70</b>	105.0	0.00	85.80	-	-	0.00	0.00	-	0.00
9	5,185	5,186	<b>9.51</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
10	5,469	5,469	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
11	7,022	7,022	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
12	6,760	6,761	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
13	7,304	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
14	7,921	7,922	<b>3.57</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
15	8,392	8,392	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
16	6,796	6,796	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
17	8,143	8,143	<b>3.18</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
18	8,930	8,930	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
19	8,236	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
20	9,783	9,783	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
21	10,053	10,053	<b>0.24</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
22	6,191	6,191	<b>7.03</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
23	6,688	6,689	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
24	7,967	7,968	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
25	8,586	8,586	<b>2.44</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
26	8,669	8,669	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
27	9,465	9,465	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
28	9,902	9,902	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
29	10,210	10,210	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
30	10,722	10,723	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
31	11,226	11,226	<b>-1.29</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
32	10,668	10,668	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
33	12,454	12,454	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
34	13,131	13,131	<b>-3.42</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
35	7,508	7,508	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
36	7,870	7,870	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
37	8,061	8,062	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
38	8,327	8,327	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
39	8,528	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
40	8,711	8,711	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	9,536	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
42	9,821	9,821	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
43	10,439	10,439	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
44	9,621	9,622	<b>0.85</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
45	10,186	10,187	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
46	10,185	10,186	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
47	11,163	11,164	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
48	11,572	11,572	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
49	11,834	11,834	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
50	12,130	12,131	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
51	12,281	12,281	<b>-2.52</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
52	12,498	12,498	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
53	12,523	12,523	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
54	13,803	13,803	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
55	8,994	8,995	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
56	9,392	9,393	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
57	9,454	9,455	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
58	9,801	9,802	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
59	10,859	10,859	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
60	11,069	11,069	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
61	11,323	11,323	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
62	11,555	11,555	<b>-1.68</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
63	11,807	11,807	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
64	11,999	11,999	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
65	12,050	12,050	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
66	10,001	10,001	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
67	11,734	11,734	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
68	11,831	11,831	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
69	12,010	12,010	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
70	12,135	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
71	12,487	12,487	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
72	13,043	13,044	<b>-3.33</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
73	12,558	12,558	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
74	12,739	12,739	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
75	13,253	13,253	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
76	13,519	13,520	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
77	14,598	14,598	<b>-4.85</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
78	14,400	14,400	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
79	15,760	15,760	<b>-5.88</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
80	16,458	16,458	<b>-6.45</b>	105.0	0.00	95.33	-	-	0.00	0.00	-	0.00
81	16,999	16,999	<b>-6.88</b>	105.0	0.00	95.61	-	-	0.00	0.00	-	0.00
82	17,100	17,100	<b>-6.96</b>	105.0	0.00	95.66	-	-	0.00	0.00	-	0.00
83	17,732	17,732	<b>-7.44</b>	105.0	0.00	95.98	-	-	0.00	0.00	-	0.00
84	18,421	18,421	<b>-7.95</b>	105.0	0.00	96.31	-	-	0.00	0.00	-	0.00
85	18,623	18,623	<b>-8.09</b>	105.0	0.00	96.40	-	-	0.00	0.00	-	0.00
86	18,954	18,954	<b>-8.32</b>	105.0	0.00	96.55	-	-	0.00	0.00	-	0.00
87	17,971	17,971	<b>-7.62</b>	105.0	0.00	96.09	-	-	0.00	0.00	-	0.00
88	17,447	17,447	<b>-7.23</b>	105.0	0.00	95.83	-	-	0.00	0.00	-	0.00
89	18,147	18,147	<b>-7.75</b>	105.0	0.00	96.18	-	-	0.00	0.00	-	0.00
90	18,176	18,176	<b>-7.77</b>	105.0	0.00	96.19	-	-	0.00	0.00	-	0.00
91	18,689	18,689	<b>-8.14</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
92	18,850	18,850	<b>-8.25</b>	105.0	0.00	96.51	-	-	0.00	0.00	-	0.00
93	18,492	18,493	<b>-8.00</b>	105.0	0.00	96.34	-	-	0.00	0.00	-	0.00
94	18,258	18,259	<b>-7.83</b>	105.0	0.00	96.23	-	-	0.00	0.00	-	0.00
95	18,311	18,312	<b>-7.87</b>	105.0	0.00	96.25	-	-	0.00	0.00	-	0.00
96	18,991	18,992	<b>-8.35</b>	105.0	0.00	96.57	-	-	0.00	0.00	-	0.00
97	19,906	19,906	<b>-8.97</b>	105.0	0.00	96.98	-	-	0.00	0.00	-	0.00
98	19,584	19,585	<b>-8.76</b>	105.0	0.00	96.84	-	-	0.00	0.00	-	0.00
99	19,705	19,705	<b>-8.84</b>	105.0	0.00	96.89	-	-	0.00	0.00	-	0.00
100	20,291	20,291	<b>-9.22</b>	105.0	0.00	97.15	-	-	0.00	0.00	-	0.00

Sum 24.72

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H382 H382

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	1,665	1,666	<b>24.37</b>	105.0	0.00	75.44	-	-	0.00	0.00	-	0.00
2	2,208	2,210	<b>20.71</b>	105.0	0.00	77.89	-	-	0.00	0.00	-	0.00
3	2,522	2,523	<b>18.98</b>	105.0	0.00	79.04	-	-	0.00	0.00	-	0.00
4	1,875	1,876	<b>22.85</b>	105.0	0.00	76.47	-	-	0.00	0.00	-	0.00
5	2,259	2,261	<b>20.41</b>	105.0	0.00	78.08	-	-	0.00	0.00	-	0.00
6	2,822	2,823	<b>17.60</b>	105.0	0.00	80.01	-	-	0.00	0.00	-	0.00
7	3,312	3,313	<b>15.56</b>	105.0	0.00	81.40	-	-	0.00	0.00	-	0.00
8	3,964	3,964	<b>13.19</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
9	3,715	3,716	<b>14.06</b>	105.0	0.00	82.40	-	-	0.00	0.00	-	0.00
10	3,978	3,979	<b>13.14</b>	105.0	0.00	82.99	-	-	0.00	0.00	-	0.00
11	5,490	5,491	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
12	5,277	5,278	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
13	5,793	5,793	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
14	6,389	6,389	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
15	6,889	6,889	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
16	5,373	5,374	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
17	6,669	6,670	<b>5.98</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
18	7,447	7,448	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
19	6,813	6,813	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
20	8,315	8,315	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
21	8,577	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
22	5,080	5,081	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
23	5,710	5,711	<b>8.16</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
24	6,688	6,688	<b>5.95</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
25	7,325	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
26	7,344	7,345	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
27	8,125	8,126	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
28	8,598	8,598	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
29	8,827	8,827	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
30	9,332	9,332	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
31	9,824	9,824	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
32	9,320	9,320	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
33	11,038	11,038	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
34	11,723	11,723	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
35	6,609	6,609	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
36	6,902	6,903	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
37	7,230	7,230	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
38	7,441	7,442	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
39	7,519	7,519	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
40	7,571	7,571	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
41	8,422	8,422	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
42	8,576	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
43	9,167	9,167	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
44	8,453	8,453	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
45	9,010	9,010	<b>1.76</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
46	9,070	9,070	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
47	9,878	9,878	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
48	10,263	10,264	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
49	10,503	10,503	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
50	10,869	10,869	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
51	10,994	10,994	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
52	11,188	11,188	<b>-1.24</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
53	11,158	11,158	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
54	12,405	12,405	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
55	8,275	8,275	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
56	8,639	8,640	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
57	8,633	8,633	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
58	8,923	8,923	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
59	9,820	9,821	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	9,998	9,999	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
61	10,174	10,175	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
62	10,487	10,488	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
63	10,710	10,711	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
64	10,822	10,822	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
65	10,837	10,837	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
66	9,307	9,307	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
67	10,869	10,869	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
68	11,000	11,001	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
69	11,105	11,106	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
70	11,193	11,193	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
71	11,503	11,504	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
72	12,056	12,056	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
73	11,677	11,678	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
74	12,032	12,032	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
75	12,509	12,509	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
76	12,743	12,744	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
77	13,658	13,658	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
78	13,610	13,610	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
79	14,889	14,889	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
80	15,447	15,448	<b>-5.61</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
81	16,038	16,038	<b>-6.11</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
82	16,114	16,114	<b>-6.17</b>	105.0	0.00	95.14	-	-	0.00	0.00	-	0.00
83	16,665	16,665	<b>-6.62</b>	105.0	0.00	95.44	-	-	0.00	0.00	-	0.00
84	17,384	17,384	<b>-7.18</b>	105.0	0.00	95.80	-	-	0.00	0.00	-	0.00
85	17,568	17,568	<b>-7.32</b>	105.0	0.00	95.89	-	-	0.00	0.00	-	0.00
86	17,885	17,886	<b>-7.56</b>	105.0	0.00	96.05	-	-	0.00	0.00	-	0.00
87	17,136	17,136	<b>-6.99</b>	105.0	0.00	95.68	-	-	0.00	0.00	-	0.00
88	16,524	16,524	<b>-6.51</b>	105.0	0.00	95.36	-	-	0.00	0.00	-	0.00
89	17,223	17,223	<b>-7.06</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
90	17,219	17,219	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
91	17,766	17,767	<b>-7.47</b>	105.0	0.00	95.99	-	-	0.00	0.00	-	0.00
92	17,904	17,904	<b>-7.57</b>	105.0	0.00	96.06	-	-	0.00	0.00	-	0.00
93	17,486	17,487	<b>-7.26</b>	105.0	0.00	95.85	-	-	0.00	0.00	-	0.00
94	17,522	17,522	<b>-7.28</b>	105.0	0.00	95.87	-	-	0.00	0.00	-	0.00
95	17,544	17,545	<b>-7.30</b>	105.0	0.00	95.88	-	-	0.00	0.00	-	0.00
96	18,213	18,213	<b>-7.80</b>	105.0	0.00	96.21	-	-	0.00	0.00	-	0.00
97	19,029	19,029	<b>-8.38</b>	105.0	0.00	96.59	-	-	0.00	0.00	-	0.00
98	18,674	18,675	<b>-8.13</b>	105.0	0.00	96.43	-	-	0.00	0.00	-	0.00
99	18,765	18,765	<b>-8.19</b>	105.0	0.00	96.47	-	-	0.00	0.00	-	0.00
100	19,383	19,384	<b>-8.62</b>	105.0	0.00	96.75	-	-	0.00	0.00	-	0.00

Sum 30.35

- Data undefined due to calculation with octave data

### Noise sensitive area: H383 H383

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,337	2,338	<b>19.96</b>	105.0	0.00	78.38	-	-	0.00	0.00	-	0.00
2	2,907	2,908	<b>17.23</b>	105.0	0.00	80.27	-	-	0.00	0.00	-	0.00
3	3,190	3,192	<b>16.05</b>	105.0	0.00	81.08	-	-	0.00	0.00	-	0.00
4	2,227	2,228	<b>20.60</b>	105.0	0.00	77.96	-	-	0.00	0.00	-	0.00
5	2,668	2,668	<b>18.30</b>	105.0	0.00	79.53	-	-	0.00	0.00	-	0.00
6	3,401	3,402	<b>15.22</b>	105.0	0.00	81.63	-	-	0.00	0.00	-	0.00
7	3,907	3,908	<b>13.39</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
8	4,585	4,586	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
9	4,245	4,245	<b>12.27</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
10	4,532	4,533	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,111	6,111	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
12	5,821	5,821	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
13	6,374	6,374	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
14	7,011	7,011	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
15	7,457	7,457	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
16	5,851	5,852	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
17	7,201	7,202	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
18	7,989	7,989	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
19	7,292	7,292	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
20	8,840	8,840	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
21	9,111	9,111	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
22	5,310	5,311	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
23	5,855	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
24	7,044	7,045	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
25	7,668	7,669	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
26	7,737	7,738	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
27	8,531	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
28	8,975	8,975	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
29	9,270	9,270	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
30	9,781	9,781	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
31	10,284	10,284	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
32	9,733	9,733	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
33	11,510	11,510	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
34	12,189	12,189	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
35	6,709	6,710	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
36	7,046	7,046	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
37	7,293	7,293	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
38	7,537	7,537	<b>4.26</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
39	7,690	7,690	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
40	7,828	7,828	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
41	8,663	8,663	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
42	8,909	8,909	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
43	9,520	9,520	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
44	8,731	8,731	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
45	9,294	9,294	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
46	9,313	9,313	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
47	10,242	10,242	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
48	10,645	10,646	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
49	10,903	10,903	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
50	11,216	11,216	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
51	11,360	11,360	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
52	11,571	11,571	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
53	11,586	11,586	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
54	12,861	12,861	<b>-3.14</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
55	8,278	8,278	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
56	8,662	8,663	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
57	8,694	8,695	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
58	9,018	9,018	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
59	10,014	10,015	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
60	10,213	10,213	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
61	10,441	10,441	<b>-0.29</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
62	10,701	10,701	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
63	10,943	10,943	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
64	11,108	11,109	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
65	11,149	11,149	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
66	9,299	9,299	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
67	10,960	10,960	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
68	11,071	11,072	<b>-1.10</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
69	11,219	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	11,329	11,330	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
71	11,665	11,666	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
72	12,221	12,221	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
73	11,778	11,779	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
74	12,036	12,037	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
75	12,534	12,535	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
76	12,786	12,787	<b>-3.06</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
77	13,796	13,796	<b>-4.09</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
78	13,662	13,662	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
79	14,988	14,988	<b>-5.21</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
80	15,629	15,629	<b>-5.77</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
81	16,190	16,190	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
82	16,281	16,282	<b>-6.31</b>	105.0	0.00	95.23	-	-	0.00	0.00	-	0.00
83	16,883	16,883	<b>-6.79</b>	105.0	0.00	95.55	-	-	0.00	0.00	-	0.00
84	17,583	17,583	<b>-7.33</b>	105.0	0.00	95.90	-	-	0.00	0.00	-	0.00
85	17,778	17,779	<b>-7.48</b>	105.0	0.00	96.00	-	-	0.00	0.00	-	0.00
86	18,104	18,105	<b>-7.72</b>	105.0	0.00	96.16	-	-	0.00	0.00	-	0.00
87	17,216	17,216	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
88	16,654	16,655	<b>-6.61</b>	105.0	0.00	95.43	-	-	0.00	0.00	-	0.00
89	17,354	17,354	<b>-7.16</b>	105.0	0.00	95.79	-	-	0.00	0.00	-	0.00
90	17,369	17,370	<b>-7.17</b>	105.0	0.00	95.80	-	-	0.00	0.00	-	0.00
91	17,897	17,897	<b>-7.57</b>	105.0	0.00	96.06	-	-	0.00	0.00	-	0.00
92	18,048	18,048	<b>-7.68</b>	105.0	0.00	96.13	-	-	0.00	0.00	-	0.00
93	17,667	17,667	<b>-7.39</b>	105.0	0.00	95.94	-	-	0.00	0.00	-	0.00
94	17,548	17,548	<b>-7.30</b>	105.0	0.00	95.88	-	-	0.00	0.00	-	0.00
95	17,587	17,587	<b>-7.33</b>	105.0	0.00	95.90	-	-	0.00	0.00	-	0.00
96	18,262	18,263	<b>-7.83</b>	105.0	0.00	96.23	-	-	0.00	0.00	-	0.00
97	19,134	19,134	<b>-8.45</b>	105.0	0.00	96.64	-	-	0.00	0.00	-	0.00
98	18,798	18,799	<b>-8.21</b>	105.0	0.00	96.48	-	-	0.00	0.00	-	0.00
99	18,906	18,906	<b>-8.29</b>	105.0	0.00	96.53	-	-	0.00	0.00	-	0.00
100	19,506	19,506	<b>-8.70</b>	105.0	0.00	96.80	-	-	0.00	0.00	-	0.00

Sum 27.81

- Data undefined due to calculation with octave data

### Noise sensitive area: H384 H384

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	2,984	2,985	<b>16.90</b>	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00
2	3,571	3,571	<b>14.58</b>	105.0	0.00	82.06	-	-	0.00	0.00	-	0.00
3	3,829	3,830	<b>13.65</b>	105.0	0.00	82.66	-	-	0.00	0.00	-	0.00
4	2,666	2,666	<b>18.31</b>	105.0	0.00	79.52	-	-	0.00	0.00	-	0.00
5	3,127	3,127	<b>16.31</b>	105.0	0.00	80.90	-	-	0.00	0.00	-	0.00
6	3,970	3,971	<b>13.17</b>	105.0	0.00	82.98	-	-	0.00	0.00	-	0.00
7	4,483	4,484	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
8	5,179	5,179	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
9	4,765	4,765	<b>10.68</b>	105.0	0.00	84.56	-	-	0.00	0.00	-	0.00
10	5,071	5,071	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
11	6,697	6,697	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
12	6,341	6,341	<b>6.69</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
13	6,924	6,924	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
14	7,596	7,596	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
15	7,992	7,992	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
16	6,314	6,314	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
17	7,704	7,705	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
18	8,498	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
19	7,747	7,747	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
20	9,331	9,331	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	9,610	9,610	<b>0.86</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
22	5,561	5,562	<b>8.53</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
23	6,022	6,022	<b>7.42</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
24	7,391	7,391	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
25	7,998	7,998	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
26	8,112	8,112	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
27	8,913	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
28	9,330	9,330	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
29	9,684	9,684	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
30	10,200	10,200	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
31	10,711	10,711	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
32	10,118	10,118	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
33	11,946	11,946	<b>-2.14</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
34	12,617	12,617	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
35	6,824	6,824	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
36	7,197	7,197	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
37	7,366	7,367	<b>4.59</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
38	7,639	7,639	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
39	7,862	7,862	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
40	8,078	8,078	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
41	8,893	8,893	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
42	9,223	9,223	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
43	9,851	9,851	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
44	8,995	8,996	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
45	9,561	9,561	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
46	9,541	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
47	10,579	10,580	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
48	10,998	10,998	<b>-1.00</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
49	11,273	11,273	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
50	11,534	11,534	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
51	11,696	11,696	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
52	11,923	11,923	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
53	11,979	11,979	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
54	13,279	13,279	<b>-3.58</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
55	8,287	8,287	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
56	8,687	8,688	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
57	8,756	8,756	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
58	9,109	9,110	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
59	10,194	10,194	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
60	10,411	10,411	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
61	10,687	10,687	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
62	10,896	10,896	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
63	11,155	11,155	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
64	11,370	11,370	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
65	11,434	11,435	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
66	9,291	9,291	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
67	11,038	11,039	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
68	11,131	11,131	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
69	11,319	11,319	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
70	11,449	11,450	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
71	11,809	11,809	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
72	12,365	12,365	<b>-2.61</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
73	11,863	11,864	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
74	12,029	12,029	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
75	12,545	12,545	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
76	12,813	12,814	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
77	13,911	13,911	<b>-4.20</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
78	13,694	13,694	<b>-3.99</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
79	15,062	15,062	<b>-5.27</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	80	15,782	15,782	<b>-5.89</b>	105.0	0.00	94.96	-	-	0.00	0.00	-	0.00
	81	16,314	16,314	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00
	82	16,419	16,419	<b>-6.42</b>	105.0	0.00	95.31	-	-	0.00	0.00	-	0.00
	83	17,067	17,067	<b>-6.94</b>	105.0	0.00	95.64	-	-	0.00	0.00	-	0.00
	84	17,749	17,749	<b>-7.46</b>	105.0	0.00	95.98	-	-	0.00	0.00	-	0.00
	85	17,955	17,955	<b>-7.61</b>	105.0	0.00	96.08	-	-	0.00	0.00	-	0.00
	86	18,288	18,289	<b>-7.85</b>	105.0	0.00	96.24	-	-	0.00	0.00	-	0.00
	87	17,269	17,269	<b>-7.09</b>	105.0	0.00	95.75	-	-	0.00	0.00	-	0.00
	88	16,756	16,756	<b>-6.69</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00
	89	17,455	17,456	<b>-7.23</b>	105.0	0.00	95.84	-	-	0.00	0.00	-	0.00
	90	17,489	17,489	<b>-7.26</b>	105.0	0.00	95.86	-	-	0.00	0.00	-	0.00
	91	17,997	17,997	<b>-7.64</b>	105.0	0.00	96.10	-	-	0.00	0.00	-	0.00
	92	18,161	18,161	<b>-7.76</b>	105.0	0.00	96.18	-	-	0.00	0.00	-	0.00
	93	17,814	17,814	<b>-7.50</b>	105.0	0.00	96.02	-	-	0.00	0.00	-	0.00
	94	17,549	17,549	<b>-7.31</b>	105.0	0.00	95.88	-	-	0.00	0.00	-	0.00
	95	17,603	17,603	<b>-7.35</b>	105.0	0.00	95.91	-	-	0.00	0.00	-	0.00
	96	18,284	18,284	<b>-7.85</b>	105.0	0.00	96.24	-	-	0.00	0.00	-	0.00
	97	19,207	19,207	<b>-8.50</b>	105.0	0.00	96.67	-	-	0.00	0.00	-	0.00
	98	18,890	18,890	<b>-8.28</b>	105.0	0.00	96.52	-	-	0.00	0.00	-	0.00
	99	19,015	19,015	<b>-8.37</b>	105.0	0.00	96.58	-	-	0.00	0.00	-	0.00
	100	19,596	19,596	<b>-8.76</b>	105.0	0.00	96.84	-	-	0.00	0.00	-	0.00
	Sum			25.92									

Sum 25.92

- Data undefined due to calculation with octave data

## Noise sensitive area: H385 H385

		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	1,344	1,347	<b>27.01</b>	105.0	0.00	73.59	-	-	0.00	0.00	-	0.00
	2	1,974	1,977	<b>22.17</b>	105.0	0.00	76.92	-	-	0.00	0.00	-	0.00
	3	2,095	2,097	<b>21.40</b>	105.0	0.00	77.43	-	-	0.00	0.00	-	0.00
	4	883	888	<b>31.93</b>	105.0	0.00	69.96	-	-	0.00	0.00	-	0.00
	5	1,310	1,313	<b>27.32</b>	105.0	0.00	73.37	-	-	0.00	0.00	-	0.00
	6	2,113	2,115	<b>21.29</b>	105.0	0.00	77.51	-	-	0.00	0.00	-	0.00
	7	2,628	2,629	<b>18.48</b>	105.0	0.00	79.40	-	-	0.00	0.00	-	0.00
	8	3,334	3,335	<b>15.48</b>	105.0	0.00	81.46	-	-	0.00	0.00	-	0.00
	9	2,904	2,906	<b>17.24</b>	105.0	0.00	80.27	-	-	0.00	0.00	-	0.00
	10	3,206	3,208	<b>15.98</b>	105.0	0.00	81.12	-	-	0.00	0.00	-	0.00
	11	4,842	4,843	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
	12	4,482	4,483	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
	13	5,059	5,060	<b>9.85</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
	14	5,739	5,740	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
	15	6,129	6,129	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
	16	4,493	4,494	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
	17	5,854	5,854	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
	18	6,645	6,645	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
	19	5,933	5,934	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
	20	7,489	7,489	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
	21	7,763	7,763	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
	22	4,068	4,070	<b>12.84</b>	105.0	0.00	83.19	-	-	0.00	0.00	-	0.00
	23	4,700	4,701	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
	24	5,715	5,716	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
	25	6,347	6,348	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
	26	6,393	6,394	<b>6.58</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
	27	7,183	7,184	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
	28	7,638	7,638	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
	29	7,914	7,914	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
	30	8,424	8,425	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	8,926	8,926	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
32	8,384	8,384	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
33	10,152	10,152	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
34	10,830	10,831	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
35	5,605	5,606	<b>8.42</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
36	5,892	5,893	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
37	6,235	6,236	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
38	6,438	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
39	6,506	6,507	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
40	6,565	6,565	<b>6.21</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
41	7,413	7,414	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
42	7,594	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
43	8,194	8,195	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
44	7,452	7,453	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
45	8,011	8,012	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
46	8,062	8,062	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
47	8,912	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
48	9,307	9,308	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
49	9,558	9,558	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
50	9,894	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
51	10,029	10,029	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
52	10,233	10,233	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
53	10,233	10,233	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
54	11,504	11,504	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
55	7,298	7,299	<b>4.72</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
56	7,655	7,656	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
57	7,636	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
58	7,918	7,919	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
59	8,808	8,808	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
60	8,987	8,988	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
61	9,172	9,172	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
62	9,476	9,477	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
63	9,701	9,702	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
64	9,825	9,825	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
65	9,848	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
66	8,333	8,334	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
67	9,863	9,864	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
68	9,999	10,000	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
69	10,096	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
70	10,182	10,182	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
71	10,490	10,491	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
72	11,043	11,044	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
73	10,670	10,671	<b>-0.59</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
74	11,050	11,051	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
75	11,520	11,520	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
76	11,749	11,749	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
77	12,646	12,647	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
78	12,612	12,613	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
79	13,882	13,882	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
80	14,435	14,435	<b>-4.70</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
81	15,025	15,025	<b>-5.24</b>	105.0	0.00	94.54	-	-	0.00	0.00	-	0.00
82	15,101	15,101	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
83	15,655	15,655	<b>-5.79</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
84	16,372	16,372	<b>-6.38</b>	105.0	0.00	95.28	-	-	0.00	0.00	-	0.00
85	16,557	16,557	<b>-6.53</b>	105.0	0.00	95.38	-	-	0.00	0.00	-	0.00
86	16,876	16,876	<b>-6.79</b>	105.0	0.00	95.55	-	-	0.00	0.00	-	0.00
87	16,131	16,131	<b>-6.19</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00
88	15,513	15,513	<b>-5.67</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
89	16,211	16,212	<b>-6.25</b>	105.0	0.00	95.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	16,207	16,207	<b>-6.25</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
91	16,755	16,755	<b>-6.69</b>	105.0	0.00	95.48	-	-	0.00	0.00	-	0.00
92	16,891	16,891	<b>-6.80</b>	105.0	0.00	95.55	-	-	0.00	0.00	-	0.00
93	16,474	16,474	<b>-6.47</b>	105.0	0.00	95.34	-	-	0.00	0.00	-	0.00
94	16,530	16,530	<b>-6.51</b>	105.0	0.00	95.37	-	-	0.00	0.00	-	0.00
95	16,548	16,548	<b>-6.53</b>	105.0	0.00	95.38	-	-	0.00	0.00	-	0.00
96	17,214	17,215	<b>-7.05</b>	105.0	0.00	95.72	-	-	0.00	0.00	-	0.00
97	18,020	18,020	<b>-7.66</b>	105.0	0.00	96.12	-	-	0.00	0.00	-	0.00
98	17,663	17,664	<b>-7.39</b>	105.0	0.00	95.94	-	-	0.00	0.00	-	0.00
99	17,752	17,753	<b>-7.46</b>	105.0	0.00	95.99	-	-	0.00	0.00	-	0.00
100	18,372	18,373	<b>-7.91</b>	105.0	0.00	96.28	-	-	0.00	0.00	-	0.00

Sum 35.41

- Data undefined due to calculation with octave data

### Noise sensitive area: H386 H386

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	3,274	3,274	<b>15.72</b>	105.0	0.00	81.30	-	-	0.00	0.00	-	0.00
2	3,880	3,880	<b>13.48</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
3	3,857	3,857	<b>13.56</b>	105.0	0.00	82.73	-	-	0.00	0.00	-	0.00
4	2,051	2,052	<b>21.69</b>	105.0	0.00	77.24	-	-	0.00	0.00	-	0.00
5	2,396	2,397	<b>19.62</b>	105.0	0.00	78.59	-	-	0.00	0.00	-	0.00
6	3,523	3,524	<b>14.76</b>	105.0	0.00	81.94	-	-	0.00	0.00	-	0.00
7	3,986	3,986	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
8	4,691	4,692	<b>10.90</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
9	3,938	3,939	<b>13.28</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
10	4,292	4,293	<b>12.11</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00
11	6,036	6,036	<b>7.39</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
12	5,359	5,359	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
13	6,051	6,051	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
14	6,877	6,877	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
15	6,988	6,988	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
16	5,089	5,089	<b>9.77</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
17	6,568	6,568	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
18	7,357	7,357	<b>4.60</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
19	6,417	6,417	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
20	8,087	8,087	<b>3.28</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
21	8,390	8,391	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
22	3,734	3,734	<b>13.99</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
23	4,003	4,004	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
24	5,727	5,727	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
25	6,271	6,271	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
26	6,506	6,506	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
27	7,307	7,307	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
28	7,637	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
29	8,157	8,157	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
30	8,676	8,676	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
31	9,205	9,205	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
32	8,493	8,493	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
33	10,447	10,447	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
34	11,087	11,087	<b>-1.11</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
35	4,713	4,713	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
36	5,130	5,130	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
37	5,205	5,205	<b>9.46</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00
38	5,504	5,504	<b>8.68</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
39	5,815	5,815	<b>7.91</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
40	6,166	6,166	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,929	6,930	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
42	7,429	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
43	8,086	8,086	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
44	7,096	7,096	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
45	7,659	7,659	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
46	7,567	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
47	8,821	8,821	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
48	9,273	9,273	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
49	9,588	9,588	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
50	9,718	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
51	9,920	9,920	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
52	10,183	10,183	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
53	10,352	10,352	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
54	11,709	11,709	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
55	6,077	6,078	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
56	6,485	6,485	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
57	6,577	6,577	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
58	6,954	6,954	<b>5.40</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
59	8,135	8,135	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
60	8,378	8,378	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
61	8,731	8,731	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
62	8,855	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
63	9,138	9,138	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
64	9,439	9,439	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
65	9,550	9,550	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
66	7,073	7,074	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
67	8,865	8,865	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
68	8,943	8,944	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
69	9,162	9,162	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
70	9,312	9,312	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
71	9,695	9,695	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
72	10,250	10,250	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
73	9,693	9,693	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
74	9,809	9,809	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
75	10,330	10,331	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
76	10,605	10,605	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
77	11,761	11,761	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
78	11,488	11,488	<b>-1.60</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
79	12,878	12,878	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
80	13,666	13,666	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
81	14,168	14,168	<b>-4.45</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
82	14,286	14,286	<b>-4.56</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
83	14,988	14,988	<b>-5.21</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
84	15,645	15,646	<b>-5.78</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
85	15,864	15,864	<b>-5.96</b>	105.0	0.00	95.01	-	-	0.00	0.00	-	0.00
86	16,206	16,206	<b>-6.25</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00
87	15,070	15,070	<b>-5.28</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
88	14,590	14,590	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
89	15,289	15,289	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
90	15,337	15,337	<b>-5.51</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
91	15,829	15,829	<b>-5.93</b>	105.0	0.00	94.99	-	-	0.00	0.00	-	0.00
92	16,003	16,003	<b>-6.08</b>	105.0	0.00	95.08	-	-	0.00	0.00	-	0.00
93	15,690	15,690	<b>-5.82</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
94	15,329	15,329	<b>-5.51</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
95	15,388	15,388	<b>-5.56</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
96	16,071	16,071	<b>-6.14</b>	105.0	0.00	95.12	-	-	0.00	0.00	-	0.00
97	17,019	17,019	<b>-6.90</b>	105.0	0.00	95.62	-	-	0.00	0.00	-	0.00
98	16,715	16,715	<b>-6.66</b>	105.0	0.00	95.46	-	-	0.00	0.00	-	0.00
99	16,853	16,853	<b>-6.77</b>	105.0	0.00	95.53	-	-	0.00	0.00	-	0.00
100	17,419	17,419	<b>-7.21</b>	105.0	0.00	95.82	-	-	0.00	0.00	-	0.00

Sum 28.29

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H387 H387

WTG	95% rated power											A	Cmet
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc		
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	
	1	3,536	3,537	<b>14.71</b>	105.0	0.00	81.97	-	-	0.00	0.00	-	0.00
	2	4,062	4,063	<b>12.86</b>	105.0	0.00	83.18	-	-	0.00	0.00	-	0.00
	3	3,901	3,901	<b>13.41</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
	4	2,150	2,151	<b>21.07</b>	105.0	0.00	77.65	-	-	0.00	0.00	-	0.00
	5	2,298	2,298	<b>20.19</b>	105.0	0.00	78.23	-	-	0.00	0.00	-	0.00
	6	3,355	3,356	<b>15.40</b>	105.0	0.00	81.52	-	-	0.00	0.00	-	0.00
	7	3,728	3,729	<b>14.01</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
	8	4,371	4,371	<b>11.87</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
	9	3,494	3,495	<b>14.87</b>	105.0	0.00	81.87	-	-	0.00	0.00	-	0.00
	10	3,842	3,843	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
	11	5,539	5,540	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
	12	4,722	4,722	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
	13	5,441	5,441	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
	14	6,318	6,318	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
	15	6,280	6,281	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
	16	4,332	4,332	<b>11.99</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
	17	5,806	5,806	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
	18	6,573	6,573	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
	19	5,562	5,562	<b>8.53</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
	20	7,241	7,241	<b>4.83</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
	21	7,552	7,552	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
	22	2,702	2,703	<b>18.14</b>	105.0	0.00	79.64	-	-	0.00	0.00	-	0.00
	23	2,889	2,890	<b>17.31</b>	105.0	0.00	80.22	-	-	0.00	0.00	-	0.00
	24	4,729	4,729	<b>10.79</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
	25	5,239	5,239	<b>9.37</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
	26	5,521	5,522	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
	27	6,313	6,313	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
	28	6,606	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
	29	7,187	7,187	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
	30	7,702	7,702	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
	31	8,234	8,234	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
	32	7,481	7,481	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
	33	9,471	9,471	<b>1.07</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
	34	10,095	10,095	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
	35	3,586	3,587	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
	36	4,004	4,005	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
	37	4,090	4,090	<b>12.77</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
	38	4,381	4,382	<b>11.84</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
	39	4,691	4,691	<b>10.90</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
	40	5,070	5,070	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
	41	5,818	5,818	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
	42	6,363	6,363	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
	43	7,026	7,027	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
	44	6,000	6,000	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
	45	6,560	6,560	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
	46	6,452	6,452	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
	47	7,760	7,760	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
	48	8,221	8,222	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
	49	8,548	8,548	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
	50	8,637	8,637	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
	51	8,850	8,850	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
	52	9,123	9,123	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
	53	9,328	9,329	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
	54	10,701	10,701	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
	55	5,002	5,003	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
	56	5,399	5,400	<b>8.95</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
	57	5,471	5,472	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
	58	5,838	5,838	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
	59	7,009	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,253	7,253	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
61	7,617	7,618	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
62	7,730	7,730	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
63	8,015	8,015	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
64	8,329	8,329	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
65	8,450	8,450	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
66	6,013	6,014	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
67	7,757	7,757	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
68	7,844	7,845	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
69	8,047	8,047	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
70	8,192	8,192	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
71	8,571	8,571	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
72	9,126	9,126	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
73	8,584	8,584	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
74	8,752	8,753	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
75	9,261	9,262	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
76	9,526	9,526	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
77	10,644	10,644	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
78	10,406	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
79	11,777	11,777	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
80	12,543	12,543	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
81	13,051	13,051	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
82	13,166	13,166	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
83	13,861	13,862	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
84	14,521	14,521	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
85	14,738	14,738	<b>-4.98</b>	105.0	0.00	94.37	-	-	0.00	0.00	-	0.00
86	15,079	15,080	<b>-5.29</b>	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
87	13,980	13,980	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
88	13,480	13,480	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
89	14,179	14,179	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
90	14,222	14,222	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
91	14,720	14,720	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
92	14,890	14,890	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
93	14,568	14,569	<b>-4.82</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
94	14,270	14,270	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
95	14,319	14,319	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
96	14,999	14,999	<b>-5.22</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
97	15,921	15,921	<b>-6.01</b>	105.0	0.00	95.04	-	-	0.00	0.00	-	0.00
98	15,610	15,610	<b>-5.75</b>	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
99	15,741	15,741	<b>-5.86</b>	105.0	0.00	94.94	-	-	0.00	0.00	-	0.00
100	16,314	16,314	<b>-6.34</b>	105.0	0.00	95.25	-	-	0.00	0.00	-	0.00

Sum 29.56

- Data undefined due to calculation with octave data

### Noise sensitive area: H388 H388

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,394	4,395	<b>11.79</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
2	4,963	4,963	<b>10.12</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
3	4,854	4,855	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
4	3,050	3,050	<b>16.63</b>	105.0	0.00	80.69	-	-	0.00	0.00	-	0.00
5	3,272	3,273	<b>15.72</b>	105.0	0.00	81.30	-	-	0.00	0.00	-	0.00
6	4,365	4,366	<b>11.88</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
7	4,759	4,760	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
8	5,413	5,413	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
9	4,543	4,544	<b>11.34</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
10	4,892	4,892	<b>10.32</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
11	6,587	6,587	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00	
12	5,753	5,753	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00	
13	6,476	6,476	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00	
14	7,358	7,358	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00	
15	7,287	7,287	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00	
16	5,332	5,333	<b>9.12</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00	
17	6,795	6,795	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00	
18	7,548	7,548	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00	
19	6,504	6,505	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00	
20	8,179	8,179	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00	
21	8,493	8,493	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00	
22	3,527	3,528	<b>14.74</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00	
23	3,498	3,499	<b>14.85</b>	105.0	0.00	81.88	-	-	0.00	0.00	-	0.00	
24	5,553	5,553	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00	
25	6,007	6,007	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00	
26	6,352	6,352	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00	
27	7,123	7,123	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00	
28	7,360	7,360	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00	
29	8,020	8,020	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00	
30	8,528	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00	
31	9,060	9,060	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00	
32	8,259	8,259	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00	
33	10,285	10,285	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00	
34	10,887	10,887	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00	
35	3,997	3,998	<b>13.08</b>	105.0	0.00	83.04	-	-	0.00	0.00	-	0.00	
36	4,476	4,476	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00	
37	4,362	4,363	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00	
38	4,711	4,711	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00	
39	5,169	5,170	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00	
40	5,696	5,696	<b>8.20</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00	
41	6,369	6,369	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00	
42	7,054	7,054	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00	
43	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00	
44	6,612	6,612	<b>6.11</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00	
45	7,157	7,157	<b>4.99</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00	
46	6,977	6,977	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00	
47	8,450	8,450	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00	
48	8,927	8,927	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00	
49	9,274	9,274	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00	
50	9,272	9,273	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00	
51	9,512	9,512	<b>1.01</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00	
52	9,807	9,807	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00	
53	10,078	10,079	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00	
54	11,468	11,468	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00	
55	5,076	5,077	<b>9.80</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00	
56	5,503	5,504	<b>8.68</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00	
57	5,661	5,662	<b>8.29</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00	
58	6,087	6,087	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00	
59	7,417	7,417	<b>4.49</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00	
60	7,692	7,693	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00	
61	8,142	8,142	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00	
62	8,151	8,152	<b>3.16</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00	
63	8,464	8,464	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00	
64	8,867	8,868	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00	
65	9,031	9,031	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00	
66	6,026	6,027	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00	
67	7,936	7,936	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00	
68	7,981	7,981	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00	
69	8,266	8,266	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	8,451	8,451	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
71	8,871	8,872	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
72	9,420	9,420	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
73	8,764	8,765	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
74	8,737	8,737	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
75	9,280	9,281	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
76	9,576	9,577	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
77	10,860	10,861	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
78	10,462	10,462	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
79	11,905	11,905	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
80	12,815	12,815	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
81	13,264	13,265	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
82	13,405	13,405	<b>-3.70</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
83	14,183	14,184	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
84	14,804	14,804	<b>-5.04</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
85	15,039	15,039	<b>-5.25</b>	105.0	0.00	94.54	-	-	0.00	0.00	-	0.00
86	15,392	15,392	<b>-5.56</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
87	14,055	14,055	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
88	13,649	13,649	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
89	14,344	14,344	<b>-4.62</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
90	14,420	14,421	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
91	14,879	14,879	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
92	15,073	15,073	<b>-5.28</b>	105.0	0.00	94.56	-	-	0.00	0.00	-	0.00
93	14,817	14,818	<b>-5.05</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
94	14,245	14,246	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
95	14,324	14,324	<b>-4.60</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
96	15,011	15,011	<b>-5.23</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
97	16,026	16,027	<b>-6.10</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00
98	15,751	15,751	<b>-5.87</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
99	15,913	15,913	<b>-6.01</b>	105.0	0.00	95.03	-	-	0.00	0.00	-	0.00
100	16,448	16,448	<b>-6.45</b>	105.0	0.00	95.32	-	-	0.00	0.00	-	0.00

Sum 26.99

- Data undefined due to calculation with octave data

### Noise sensitive area: H389 H389

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,224	4,224	<b>12.33</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
2	4,772	4,773	<b>10.66</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
3	4,634	4,635	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
4	2,853	2,854	<b>17.46</b>	105.0	0.00	80.11	-	-	0.00	0.00	-	0.00
5	3,037	3,037	<b>16.68</b>	105.0	0.00	80.65	-	-	0.00	0.00	-	0.00
6	4,107	4,108	<b>12.71</b>	105.0	0.00	83.27	-	-	0.00	0.00	-	0.00
7	4,482	4,483	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
8	5,122	5,122	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
9	4,237	4,238	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
10	4,582	4,583	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
11	6,264	6,265	<b>6.87</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
12	5,415	5,415	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
13	6,139	6,139	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
14	7,025	7,025	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
15	6,938	6,938	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
16	4,982	4,983	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
17	6,442	6,442	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
18	7,193	7,193	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
19	6,146	6,147	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
20	7,821	7,821	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	8,134	8,135	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
22	3,169	3,170	<b>16.13</b>	105.0	0.00	81.02	-	-	0.00	0.00	-	0.00
23	3,160	3,161	<b>16.17</b>	105.0	0.00	81.00	-	-	0.00	0.00	-	0.00
24	5,196	5,196	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
25	5,654	5,655	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
26	5,995	5,995	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
27	6,768	6,768	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
28	7,010	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
29	7,663	7,663	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
30	8,171	8,172	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
31	8,704	8,704	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
32	7,907	7,907	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
33	9,930	9,930	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
34	10,535	10,535	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
35	3,695	3,696	<b>14.13</b>	105.0	0.00	82.35	-	-	0.00	0.00	-	0.00
36	4,164	4,165	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
37	4,092	4,093	<b>12.76</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
38	4,429	4,430	<b>11.69</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
39	4,858	4,859	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
40	5,361	5,361	<b>9.05</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
41	6,047	6,047	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
42	6,711	6,712	<b>5.90</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
43	7,382	7,382	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
44	6,280	6,281	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
45	6,828	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
46	6,661	6,661	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
47	8,108	8,109	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
48	8,584	8,584	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
49	8,928	8,928	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
50	8,939	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
51	9,175	9,175	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
52	9,467	9,467	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
53	9,730	9,730	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
54	11,117	11,117	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
55	4,861	4,861	<b>10.41</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
56	5,281	5,282	<b>9.26</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
57	5,417	5,417	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
58	5,829	5,829	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
59	7,125	7,125	<b>5.06</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
60	7,394	7,394	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
61	7,827	7,827	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
62	7,857	7,858	<b>3.68</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
63	8,165	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
64	8,551	8,551	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
65	8,707	8,707	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
66	5,832	5,832	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
67	7,700	7,700	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
68	7,756	7,757	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
69	8,020	8,020	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
70	8,195	8,195	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
71	8,606	8,606	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
72	9,157	9,157	<b>1.54</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
73	8,529	8,529	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
74	8,557	8,557	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
75	9,091	9,091	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
76	9,378	9,378	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
77	10,618	10,618	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
78	10,263	10,263	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
79	11,687	11,687	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	12,560	12,560	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
81	13,024	13,025	<b>-3.31</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
82	13,159	13,159	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
83	13,917	13,917	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
84	14,547	14,547	<b>-4.81</b>	105.0	0.00	94.26	-	-	0.00	0.00	-	0.00
85	14,778	14,778	<b>-5.02</b>	105.0	0.00	94.39	-	-	0.00	0.00	-	0.00
86	15,128	15,129	<b>-5.33</b>	105.0	0.00	94.60	-	-	0.00	0.00	-	0.00
87	13,853	13,853	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
88	13,421	13,421	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
89	14,117	14,118	<b>-4.40</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
90	14,185	14,185	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
91	14,654	14,655	<b>-4.90</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
92	14,842	14,842	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
93	14,569	14,569	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
94	14,073	14,073	<b>-4.36</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
95	14,143	14,143	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
96	14,828	14,828	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
97	15,817	15,817	<b>-5.93</b>	105.0	0.00	94.98	-	-	0.00	0.00	-	0.00
98	15,531	15,532	<b>-5.68</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
99	15,685	15,685	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
100	16,231	16,231	<b>-6.27</b>	105.0	0.00	95.21	-	-	0.00	0.00	-	0.00

Sum 27.83

- Data undefined due to calculation with octave data

### Noise sensitive area: H390 H390

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,204	4,205	<b>12.40</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
2	4,742	4,742	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00
3	4,587	4,588	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
4	2,825	2,825	<b>17.59</b>	105.0	0.00	80.02	-	-	0.00	0.00	-	0.00
5	2,984	2,985	<b>16.90</b>	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00
6	4,038	4,039	<b>12.94</b>	105.0	0.00	83.12	-	-	0.00	0.00	-	0.00
7	4,401	4,401	<b>11.77</b>	105.0	0.00	83.87	-	-	0.00	0.00	-	0.00
8	5,030	5,031	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
9	4,136	4,136	<b>12.62</b>	105.0	0.00	83.33	-	-	0.00	0.00	-	0.00
10	4,478	4,479	<b>11.53</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
11	6,150	6,150	<b>7.13</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
12	5,287	5,287	<b>9.24</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
13	6,012	6,012	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
14	6,902	6,902	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
15	6,800	6,800	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
16	4,844	4,844	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
17	6,299	6,299	<b>6.79</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
18	7,046	7,046	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
19	5,995	5,995	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
20	7,668	7,668	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
21	7,982	7,982	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
22	3,009	3,010	<b>16.79</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
23	2,995	2,996	<b>16.85</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
24	5,034	5,035	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
25	5,491	5,491	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
26	5,833	5,834	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
27	6,605	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
28	6,846	6,846	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
29	7,501	7,502	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
30	8,010	8,010	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	8,542	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
32	7,743	7,743	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
33	9,767	9,767	<b>0.64</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
34	10,371	10,371	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
35	3,536	3,537	<b>14.71</b>	105.0	0.00	81.97	-	-	0.00	0.00	-	0.00
36	4,003	4,004	<b>13.06</b>	105.0	0.00	83.05	-	-	0.00	0.00	-	0.00
37	3,943	3,943	<b>13.26</b>	105.0	0.00	82.92	-	-	0.00	0.00	-	0.00
38	4,276	4,276	<b>12.17</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
39	4,697	4,698	<b>10.88</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
40	5,196	5,197	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
41	5,884	5,884	<b>7.74</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
42	6,546	6,547	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
43	7,217	7,217	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
44	6,116	6,116	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
45	6,664	6,665	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
46	6,499	6,499	<b>6.35</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
47	7,944	7,944	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
48	8,419	8,419	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
49	8,763	8,763	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
50	8,775	8,775	<b>2.13</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
51	9,010	9,010	<b>1.76</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
52	9,302	9,302	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
53	9,565	9,566	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
54	10,953	10,953	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
55	4,729	4,729	<b>10.79</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
56	5,147	5,147	<b>9.61</b>	105.0	0.00	85.23	-	-	0.00	0.00	-	0.00
57	5,274	5,275	<b>9.27</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
58	5,682	5,683	<b>8.23</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
59	6,968	6,968	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
60	7,236	7,236	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
61	7,665	7,666	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
62	7,700	7,700	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
63	8,006	8,006	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
64	8,389	8,389	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
65	8,543	8,543	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
66	5,707	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
67	7,559	7,560	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
68	7,620	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
69	7,876	7,876	<b>3.65</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
70	8,048	8,049	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
71	8,456	8,457	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
72	9,008	9,008	<b>1.76</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
73	8,389	8,389	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
74	8,436	8,436	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
75	8,966	8,966	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
76	9,250	9,250	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
77	10,475	10,475	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
78	10,135	10,135	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
79	11,552	11,552	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
80	12,413	12,413	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
81	12,882	12,882	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
82	13,014	13,014	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
83	13,766	13,767	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
84	14,400	14,400	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
85	14,629	14,629	<b>-4.88</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
86	14,979	14,979	<b>-5.20</b>	105.0	0.00	94.51	-	-	0.00	0.00	-	0.00
87	13,724	13,724	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
88	13,282	13,283	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
89	13,979	13,979	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	14,044	14,044	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
91	14,517	14,517	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
92	14,703	14,703	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
93	14,424	14,424	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
94	13,954	13,954	<b>-4.25</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
95	14,020	14,021	<b>-4.31</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
96	14,705	14,705	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
97	15,685	15,685	<b>-5.81</b>	105.0	0.00	94.91	-	-	0.00	0.00	-	0.00
98	15,396	15,396	<b>-5.56</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
99	15,547	15,547	<b>-5.69</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00
100	16,096	16,096	<b>-6.16</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00

Sum 28.18

- Data undefined due to calculation with octave data

### Noise sensitive area: H391 H391

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,227	4,227	<b>12.32</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
2	4,763	4,764	<b>10.69</b>	105.0	0.00	84.56	-	-	0.00	0.00	-	0.00
3	4,608	4,608	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
4	2,846	2,847	<b>17.50</b>	105.0	0.00	80.09	-	-	0.00	0.00	-	0.00
5	3,005	3,005	<b>16.81</b>	105.0	0.00	80.56	-	-	0.00	0.00	-	0.00
6	4,057	4,058	<b>12.88</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
7	4,419	4,419	<b>11.72</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
8	5,047	5,047	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
9	4,151	4,152	<b>12.57</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
10	4,493	4,494	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
11	6,163	6,163	<b>7.10</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
12	5,298	5,298	<b>9.21</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
13	6,023	6,023	<b>7.42</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
14	6,914	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
15	6,808	6,808	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
16	4,852	4,853	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
17	6,306	6,306	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
18	7,053	7,053	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
19	6,000	6,001	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
20	7,673	7,673	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
21	7,987	7,987	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
22	3,011	3,012	<b>16.79</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
23	2,990	2,991	<b>16.88</b>	105.0	0.00	80.52	-	-	0.00	0.00	-	0.00
24	5,035	5,035	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
25	5,489	5,489	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
26	5,834	5,834	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
27	6,605	6,605	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
28	6,844	6,844	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
29	7,502	7,502	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
30	8,010	8,010	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
31	8,542	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
32	7,742	7,742	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
33	9,767	9,767	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
34	10,370	10,370	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
35	3,526	3,527	<b>14.75</b>	105.0	0.00	81.95	-	-	0.00	0.00	-	0.00
36	3,994	3,994	<b>13.09</b>	105.0	0.00	83.03	-	-	0.00	0.00	-	0.00
37	3,929	3,930	<b>13.31</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
38	4,263	4,264	<b>12.21</b>	105.0	0.00	83.60	-	-	0.00	0.00	-	0.00
39	4,688	4,689	<b>10.91</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
40	5,191	5,191	<b>9.50</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,876	5,877	<b>7.76</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
42	6,542	6,543	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
43	7,213	7,213	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
44	6,110	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
45	6,658	6,658	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
46	6,490	6,491	<b>6.37</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
47	7,939	7,939	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
48	8,415	8,415	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
49	8,760	8,760	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
50	8,769	8,769	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
51	9,005	9,005	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
52	9,297	9,297	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
53	9,563	9,563	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
54	10,951	10,951	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
55	4,712	4,712	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
56	5,130	5,131	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
57	5,259	5,260	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
58	5,668	5,668	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
59	6,957	6,957	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
60	7,225	7,226	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
61	7,657	7,657	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
62	7,689	7,689	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
63	7,996	7,996	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
64	8,380	8,380	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
65	8,536	8,536	<b>2.52</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
66	5,689	5,689	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
67	7,544	7,544	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
68	7,603	7,604	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
69	7,861	7,861	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
70	8,034	8,034	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
71	8,443	8,443	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
72	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
73	8,373	8,373	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
74	8,417	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
75	8,948	8,948	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
76	9,232	9,233	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
77	10,460	10,460	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
78	10,117	10,118	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
79	11,536	11,536	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
80	12,399	12,399	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
81	12,867	12,867	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
82	12,999	13,000	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
83	13,753	13,753	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
84	14,386	14,386	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
85	14,615	14,616	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
86	14,965	14,965	<b>-5.19</b>	105.0	0.00	94.50	-	-	0.00	0.00	-	0.00
87	13,706	13,706	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
88	13,266	13,267	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
89	13,963	13,963	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
90	14,029	14,029	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
91	14,501	14,501	<b>-4.76</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
92	14,687	14,687	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
93	14,409	14,410	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
94	13,935	13,935	<b>-4.23</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
95	14,002	14,002	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
96	14,687	14,687	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00
97	15,668	15,668	<b>-5.80</b>	105.0	0.00	94.90	-	-	0.00	0.00	-	0.00
98	15,379	15,379	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
99	15,531	15,531	<b>-5.68</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
100	16,079	16,080	<b>-6.14</b>	105.0	0.00	95.13	-	-	0.00	0.00	-	0.00

Sum 28.17

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H392 H392

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,255	4,255	<b>12.23</b>	105.0	0.00	83.58	-	-	0.00	0.00	-	0.00
	2	4,791	4,791	<b>10.61</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
	3	4,635	4,635	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
	4	2,874	2,875	<b>17.37</b>	105.0	0.00	80.17	-	-	0.00	0.00	-	0.00
	5	3,031	3,032	<b>16.70</b>	105.0	0.00	80.63	-	-	0.00	0.00	-	0.00
	6	4,082	4,083	<b>12.80</b>	105.0	0.00	83.22	-	-	0.00	0.00	-	0.00
	7	4,442	4,443	<b>11.65</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
	8	5,069	5,070	<b>9.83</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
	9	4,172	4,173	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
	10	4,514	4,515	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
	11	6,181	6,182	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
	12	5,314	5,314	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
	13	6,039	6,039	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
	14	6,931	6,931	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
	15	6,821	6,821	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
	16	4,865	4,866	<b>10.39</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
	17	6,318	6,318	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
	18	7,064	7,064	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
	19	6,009	6,009	<b>7.45</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
	20	7,681	7,681	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
	21	7,995	7,995	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
	22	3,015	3,016	<b>16.77</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
	23	2,985	2,986	<b>16.89</b>	105.0	0.00	80.50	-	-	0.00	0.00	-	0.00
	24	5,038	5,038	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
	25	5,489	5,490	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
	26	5,837	5,837	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
	27	6,607	6,607	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
	28	6,843	6,843	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
	29	7,504	7,505	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
	30	8,012	8,012	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	31	8,544	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
	32	7,742	7,742	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
	33	9,768	9,768	<b>0.64</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
	34	10,370	10,370	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	35	3,515	3,515	<b>14.79</b>	105.0	0.00	81.92	-	-	0.00	0.00	-	0.00
	36	3,984	3,985	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
	37	3,914	3,914	<b>13.36</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
	38	4,249	4,250	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
	39	4,678	4,679	<b>10.93</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
	40	5,186	5,186	<b>9.51</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
	41	5,869	5,869	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
	42	6,539	6,540	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
	43	7,210	7,211	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
	44	6,104	6,104	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
	45	6,651	6,652	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
	46	6,482	6,482	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
	47	7,936	7,936	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
	48	8,412	8,412	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	49	8,758	8,758	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
	50	8,764	8,764	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
	51	9,001	9,001	<b>1.78</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
	52	9,293	9,294	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
	53	9,562	9,562	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
	54	10,950	10,951	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
	55	4,691	4,692	<b>10.90</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
	56	5,110	5,111	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
	57	5,241	5,242	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
	58	5,652	5,652	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
	59	6,944	6,945	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,214	7,214	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
61	7,648	7,648	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
62	7,677	7,678	<b>4.00</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
63	7,985	7,985	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
64	8,372	8,372	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
65	8,529	8,529	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
66	5,667	5,667	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
67	7,526	7,526	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
68	7,584	7,585	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
69	7,844	7,844	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
70	8,018	8,018	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
71	8,427	8,428	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
72	8,978	8,979	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
73	8,355	8,355	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
74	8,395	8,395	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
75	8,926	8,927	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
76	9,211	9,212	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
77	10,443	10,443	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
78	10,096	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
79	11,516	11,516	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
80	12,383	12,383	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
81	12,849	12,849	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
82	12,982	12,983	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
83	13,738	13,738	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
84	14,370	14,370	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
85	14,600	14,600	<b>-4.85</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
86	14,950	14,950	<b>-5.17</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
87	13,686	13,686	<b>-3.98</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
88	13,248	13,248	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
89	13,945	13,945	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
90	14,011	14,011	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
91	14,482	14,482	<b>-4.75</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
92	14,669	14,669	<b>-4.92</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
93	14,393	14,393	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
94	13,913	13,913	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
95	13,980	13,980	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
96	14,665	14,665	<b>-4.91</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
97	15,648	15,648	<b>-5.78</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
98	15,360	15,360	<b>-5.53</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00
99	15,512	15,512	<b>-5.67</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
100	16,060	16,060	<b>-6.13</b>	105.0	0.00	95.12	-	-	0.00	0.00	-	0.00

Sum 28.15

- Data undefined due to calculation with octave data

### Noise sensitive area: H393 H393

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,281	4,281	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
2	4,816	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
3	4,658	4,658	<b>10.99</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
4	2,900	2,900	<b>17.26</b>	105.0	0.00	80.25	-	-	0.00	0.00	-	0.00
5	3,055	3,055	<b>16.61</b>	105.0	0.00	80.70	-	-	0.00	0.00	-	0.00
6	4,103	4,104	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
7	4,462	4,462	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
8	5,087	5,087	<b>9.78</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
9	4,188	4,189	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
10	4,530	4,530	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,195	6,195	<b>7.02</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
12	5,324	5,325	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
13	6,050	6,050	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
14	6,942	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
15	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
16	4,873	4,873	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
17	6,324	6,324	<b>6.73</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
18	7,068	7,068	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
19	6,012	6,012	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
20	7,683	7,683	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
21	7,997	7,998	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
22	3,014	3,015	<b>16.77</b>	105.0	0.00	80.59	-	-	0.00	0.00	-	0.00
23	2,976	2,977	<b>16.93</b>	105.0	0.00	80.47	-	-	0.00	0.00	-	0.00
24	5,035	5,035	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
25	5,484	5,484	<b>8.73</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
26	5,834	5,834	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
27	6,603	6,603	<b>6.13</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
28	6,837	6,837	<b>5.64</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
29	7,501	7,501	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
30	8,008	8,008	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
31	8,540	8,540	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
32	7,736	7,736	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
33	9,764	9,764	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
34	10,365	10,365	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
35	3,499	3,499	<b>14.85</b>	105.0	0.00	81.88	-	-	0.00	0.00	-	0.00
36	3,970	3,970	<b>13.17</b>	105.0	0.00	82.98	-	-	0.00	0.00	-	0.00
37	3,894	3,895	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
38	4,231	4,232	<b>12.31</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
39	4,664	4,664	<b>10.98</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
40	5,175	5,176	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
41	5,856	5,856	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
42	6,531	6,531	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
43	7,202	7,202	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
44	6,093	6,093	<b>7.26</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
45	6,640	6,640	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
46	6,468	6,468	<b>6.42</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
47	7,927	7,927	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
48	8,404	8,404	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
49	8,750	8,750	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
50	8,753	8,753	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
51	8,991	8,991	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
52	9,284	9,284	<b>1.34</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
53	9,555	9,555	<b>0.94</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
54	10,944	10,944	<b>-0.94</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
55	4,668	4,669	<b>10.96</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
56	5,087	5,088	<b>9.78</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
57	5,220	5,221	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
58	5,631	5,632	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
59	6,927	6,928	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
60	7,198	7,198	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
61	7,634	7,634	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
62	7,660	7,661	<b>4.04</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
63	7,968	7,969	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
64	8,358	8,358	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
65	8,516	8,516	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
66	5,643	5,643	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
67	7,504	7,504	<b>4.33</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
68	7,561	7,562	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
69	7,823	7,823	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,997	7,998	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
71	8,408	8,408	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
72	8,959	8,959	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
73	8,333	8,333	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
74	8,370	8,370	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
75	8,902	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
76	9,187	9,188	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
77	10,421	10,422	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
78	10,072	10,073	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
79	11,493	11,494	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
80	12,362	12,362	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
81	12,828	12,828	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
82	12,961	12,962	<b>-3.25</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
83	13,719	13,719	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
84	14,349	14,350	<b>-4.62</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
85	14,580	14,580	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
86	14,930	14,931	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
87	13,662	13,662	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
88	13,226	13,226	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
89	13,922	13,922	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
90	13,989	13,989	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
91	14,460	14,460	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
92	14,647	14,647	<b>-4.90</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
93	14,372	14,372	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
94	13,887	13,888	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
95	13,955	13,956	<b>-4.25</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
96	14,640	14,640	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
97	15,624	15,625	<b>-5.76</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
98	15,337	15,337	<b>-5.51</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
99	15,490	15,490	<b>-5.65</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
100	16,037	16,037	<b>-6.11</b>	105.0	0.00	95.10	-	-	0.00	0.00	-	0.00

Sum 28.14

- Data undefined due to calculation with octave data

### Noise sensitive area: H394 H394

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,338	4,339	<b>11.97</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
2	4,871	4,872	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
3	4,710	4,710	<b>10.84</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
4	2,956	2,957	<b>17.02</b>	105.0	0.00	80.42	-	-	0.00	0.00	-	0.00
5	3,106	3,106	<b>16.39</b>	105.0	0.00	80.85	-	-	0.00	0.00	-	0.00
6	4,150	4,150	<b>12.57</b>	105.0	0.00	83.36	-	-	0.00	0.00	-	0.00
7	4,504	4,505	<b>11.46</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
8	5,126	5,126	<b>9.67</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
9	4,224	4,224	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
10	4,564	4,564	<b>11.28</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
11	6,223	6,223	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
12	5,346	5,347	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
13	6,072	6,072	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
14	6,966	6,966	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
15	6,843	6,844	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
16	4,888	4,888	<b>10.33</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
17	6,335	6,335	<b>6.71</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
18	7,077	7,077	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
19	6,017	6,017	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
20	7,686	7,686	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	8,001	8,001	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
22	3,010	3,011	<b>16.79</b>	105.0	0.00	80.57	-	-	0.00	0.00	-	0.00
23	2,953	2,954	<b>17.03</b>	105.0	0.00	80.41	-	-	0.00	0.00	-	0.00
24	5,027	5,027	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
25	5,470	5,470	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
26	5,826	5,826	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
27	6,592	6,593	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
28	6,821	6,821	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
29	7,492	7,492	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
30	7,998	7,998	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
31	8,530	8,530	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
32	7,722	7,722	<b>3.92</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
33	9,752	9,752	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
34	10,351	10,351	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
35	3,461	3,462	<b>14.99</b>	105.0	0.00	81.79	-	-	0.00	0.00	-	0.00
36	3,935	3,936	<b>13.29</b>	105.0	0.00	82.90	-	-	0.00	0.00	-	0.00
37	3,849	3,850	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
38	4,189	4,189	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
39	4,629	4,630	<b>11.08</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
40	5,150	5,151	<b>9.61</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
41	5,825	5,825	<b>7.89</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
42	6,510	6,510	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
43	7,181	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
44	6,066	6,067	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
45	6,612	6,612	<b>6.11</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
46	6,435	6,436	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
47	7,905	7,906	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
48	8,383	8,383	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
49	8,731	8,731	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
50	8,727	8,727	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
51	8,967	8,967	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
52	9,262	9,262	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
53	9,537	9,537	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
54	10,928	10,928	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
55	4,614	4,615	<b>11.12</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
56	5,034	5,035	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
57	5,170	5,171	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
58	5,584	5,585	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
59	6,888	6,888	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
60	7,160	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
61	7,601	7,601	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
62	7,621	7,622	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
63	7,931	7,931	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
64	8,326	8,326	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
65	8,487	8,487	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
66	5,586	5,587	<b>8.47</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
67	7,453	7,454	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
68	7,509	7,510	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
69	7,774	7,774	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
70	7,950	7,950	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
71	8,362	8,363	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
72	8,913	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
73	8,283	8,283	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
74	8,313	8,313	<b>2.89</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
75	8,845	8,846	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
76	9,132	9,132	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
77	10,372	10,372	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
78	10,017	10,018	<b>0.29</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
79	11,440	11,441	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	12,315	12,315	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
81	12,778	12,778	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
82	12,913	12,913	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
83	13,674	13,674	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
84	14,303	14,303	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
85	14,534	14,534	<b>-4.79</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
86	14,885	14,885	<b>-5.11</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
87	13,607	13,607	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
88	13,174	13,174	<b>-3.47</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
89	13,871	13,871	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
90	13,939	13,939	<b>-4.23</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
91	14,408	14,408	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
92	14,596	14,596	<b>-4.85</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
93	14,324	14,324	<b>-4.60</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
94	13,830	13,830	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
95	13,898	13,899	<b>-4.19</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
96	14,584	14,584	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
97	15,571	15,571	<b>-5.72</b>	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
98	15,285	15,285	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
99	15,439	15,439	<b>-5.60</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
100	15,984	15,985	<b>-6.07</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 28.13

- Data undefined due to calculation with octave data

### Noise sensitive area: H395 H395

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,169	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
2	4,707	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
3	4,553	4,554	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
4	2,790	2,791	<b>17.74</b>	105.0	0.00	79.91	-	-	0.00	0.00	-	0.00
5	2,951	2,952	<b>17.04</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
6	4,006	4,007	<b>13.05</b>	105.0	0.00	83.06	-	-	0.00	0.00	-	0.00
7	4,371	4,371	<b>11.87</b>	105.0	0.00	83.81	-	-	0.00	0.00	-	0.00
8	5,002	5,002	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
9	4,109	4,109	<b>12.71</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
10	4,452	4,452	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
11	6,125	6,125	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
12	5,266	5,266	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
13	5,990	5,990	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
14	6,879	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
15	6,782	6,782	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
16	4,826	4,826	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
17	6,282	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
18	7,031	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
19	5,983	5,983	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
20	7,656	7,656	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
21	7,970	7,970	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
22	3,002	3,003	<b>16.82</b>	105.0	0.00	80.55	-	-	0.00	0.00	-	0.00
23	2,998	2,999	<b>16.84</b>	105.0	0.00	80.54	-	-	0.00	0.00	-	0.00
24	5,029	5,029	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
25	5,488	5,488	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
26	5,828	5,828	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
27	6,601	6,601	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
28	6,844	6,845	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
29	7,496	7,496	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
30	8,005	8,005	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	8,537	8,537	<b>2.52</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
32	7,741	7,741	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
33	9,763	9,763	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
34	10,368	10,368	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
35	3,548	3,549	<b>14.67</b>	105.0	0.00	82.00	-	-	0.00	0.00	-	0.00
36	4,013	4,013	<b>13.03</b>	105.0	0.00	83.07	-	-	0.00	0.00	-	0.00
37	3,959	3,960	<b>13.21</b>	105.0	0.00	82.95	-	-	0.00	0.00	-	0.00
38	4,291	4,291	<b>12.12</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00
39	4,707	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
40	5,200	5,201	<b>9.47</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
41	5,891	5,892	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
42	6,548	6,548	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
43	7,218	7,218	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
44	6,121	6,121	<b>7.19</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
45	6,670	6,670	<b>5.98</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
46	6,507	6,508	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
47	7,945	7,945	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
48	8,420	8,420	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
49	8,763	8,764	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
50	8,779	8,779	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
51	9,013	9,013	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
52	9,304	9,304	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
53	9,564	9,565	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
54	10,952	10,952	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
55	4,752	4,752	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
56	5,169	5,169	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
57	5,294	5,295	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
58	5,700	5,701	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
59	6,981	6,981	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
60	7,248	7,248	<b>4.81</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
61	7,674	7,674	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
62	7,713	7,713	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
63	8,018	8,018	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
64	8,397	8,397	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
65	8,550	8,550	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
66	5,731	5,732	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
67	7,580	7,580	<b>4.18</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
68	7,641	7,641	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
69	7,895	7,895	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
70	8,066	8,066	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
71	8,473	8,473	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
72	9,024	9,025	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
73	8,409	8,409	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
74	8,461	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
75	8,991	8,991	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
76	9,274	9,274	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
77	10,494	10,495	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
78	10,159	10,159	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
79	11,574	11,574	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
80	12,431	12,431	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
81	12,901	12,902	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
82	13,033	13,033	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
83	13,782	13,783	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
84	14,417	14,417	<b>-4.68</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
85	14,646	14,646	<b>-4.90</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
86	14,995	14,995	<b>-5.21</b>	105.0	0.00	94.52	-	-	0.00	0.00	-	0.00
87	13,747	13,747	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
88	13,303	13,303	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
89	14,000	14,000	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	14,064	14,064	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
91	14,538	14,538	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
92	14,723	14,723	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
93	14,442	14,443	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
94	13,980	13,980	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
95	14,045	14,046	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
96	14,730	14,730	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
97	15,707	15,707	<b>-5.83</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
98	15,417	15,417	<b>-5.58</b>	105.0	0.00	94.76	-	-	0.00	0.00	-	0.00
99	15,567	15,568	<b>-5.71</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
100	16,118	16,118	<b>-6.18</b>	105.0	0.00	95.15	-	-	0.00	0.00	-	0.00

Sum 28.22

- Data undefined due to calculation with octave data

### Noise sensitive area: H396 H396

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,054	4,054	<b>12.89</b>	105.0	0.00	83.16	-	-	0.00	0.00	-	0.00
2	4,554	4,555	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
3	4,356	4,357	<b>11.91</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
4	2,664	2,664	<b>18.32</b>	105.0	0.00	79.51	-	-	0.00	0.00	-	0.00
5	2,754	2,754	<b>17.91</b>	105.0	0.00	79.80	-	-	0.00	0.00	-	0.00
6	3,752	3,752	<b>13.93</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
7	4,080	4,080	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
8	4,681	4,681	<b>10.93</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
9	3,766	3,767	<b>13.88</b>	105.0	0.00	82.52	-	-	0.00	0.00	-	0.00
10	4,101	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
11	5,743	5,743	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
12	4,854	4,854	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
13	5,580	5,580	<b>8.49</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
14	6,477	6,477	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
15	6,346	6,346	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
16	4,390	4,390	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
17	5,837	5,837	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
18	6,580	6,580	<b>6.17</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
19	5,523	5,523	<b>8.63</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
20	7,195	7,195	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
21	7,509	7,509	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
22	2,533	2,534	<b>18.93</b>	105.0	0.00	79.07	-	-	0.00	0.00	-	0.00
23	2,547	2,548	<b>18.86</b>	105.0	0.00	79.12	-	-	0.00	0.00	-	0.00
24	4,559	4,559	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
25	5,020	5,020	<b>9.96</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
26	5,357	5,358	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
27	6,131	6,131	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
28	6,378	6,378	<b>6.61</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
29	7,026	7,026	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
30	7,535	7,535	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
31	8,067	8,067	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
32	7,273	7,273	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
33	9,293	9,293	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
34	9,899	9,899	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
35	3,144	3,145	<b>16.23</b>	105.0	0.00	80.95	-	-	0.00	0.00	-	0.00
36	3,593	3,594	<b>14.50</b>	105.0	0.00	82.11	-	-	0.00	0.00	-	0.00
37	3,598	3,599	<b>14.48</b>	105.0	0.00	82.12	-	-	0.00	0.00	-	0.00
38	3,911	3,912	<b>13.37</b>	105.0	0.00	82.85	-	-	0.00	0.00	-	0.00
39	4,287	4,287	<b>12.13</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
40	4,749	4,750	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00

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Project:

**20162030 Westwood Red Pine**

Licensed user:

**EAPC Wind Energy**  
 3100 DeMers Avenue  
 US-GRAND FORKS, ND 58201  
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 Jay Haley / jhaley@eapc.net  
 Calculated:  
 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	5,455	5,455	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
42	6,088	6,088	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
43	6,758	6,758	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
44	5,673	5,673	<b>8.26</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
45	6,225	6,225	<b>6.95</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
46	6,077	6,078	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
47	7,486	7,486	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
48	7,959	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
49	8,300	8,300	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
50	8,328	8,328	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
51	8,558	8,558	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
52	8,846	8,846	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
53	9,099	9,099	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
54	10,485	10,485	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
55	4,461	4,462	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
56	4,866	4,867	<b>10.39</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
57	4,961	4,961	<b>10.12</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
58	5,347	5,347	<b>9.08</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
59	6,580	6,580	<b>6.17</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
60	6,838	6,839	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
61	7,245	7,245	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
62	7,308	7,308	<b>4.70</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
63	7,606	7,606	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
64	7,964	7,965	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
65	8,109	8,109	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
66	5,463	5,464	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
67	7,249	7,249	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
68	7,325	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
69	7,551	7,552	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
70	7,709	7,709	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
71	8,103	8,103	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
72	8,657	8,657	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
73	8,078	8,078	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
74	8,202	8,202	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
75	8,718	8,718	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
76	8,989	8,989	<b>1.79</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
77	10,151	10,151	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
78	9,871	9,871	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
79	11,260	11,260	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
80	12,069	12,069	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
81	12,559	12,559	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
82	12,682	12,682	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
83	13,406	13,406	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
84	14,052	14,052	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
85	14,276	14,276	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
86	14,622	14,622	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
87	13,452	13,452	<b>-3.75</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
88	12,975	12,975	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
89	13,673	13,673	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
90	13,726	13,726	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
91	14,213	14,213	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
92	14,390	14,390	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
93	14,088	14,089	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
94	13,721	13,721	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
95	13,776	13,776	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
96	14,457	14,457	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
97	15,401	15,401	<b>-5.57</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
98	15,098	15,098	<b>-5.30</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
99	15,238	15,238	<b>-5.43</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
100	15,801	15,801	<b>-5.91</b>	105.0	0.00	94.97	-	-	0.00	0.00	-	0.00

Sum 29.35

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H397 H397

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	4,354	4,355	<b>11.92</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
	2	4,887	4,887	<b>10.33</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
	3	4,725	4,726	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
	4	2,972	2,972	<b>16.95</b>	105.0	0.00	80.46	-	-	0.00	0.00	-	0.00
	5	3,121	3,122	<b>16.33</b>	105.0	0.00	80.89	-	-	0.00	0.00	-	0.00
	6	4,164	4,165	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
	7	4,518	4,518	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
	8	5,139	5,139	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
	9	4,236	4,237	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
	10	4,576	4,577	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
	11	6,234	6,235	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
	12	5,356	5,356	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
	13	6,082	6,082	<b>7.28</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
	14	6,976	6,976	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
	15	6,852	6,852	<b>5.61</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
	16	4,896	4,896	<b>10.31</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
	17	6,343	6,343	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
	18	7,084	7,084	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
	19	6,022	6,023	<b>7.42</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
	20	7,692	7,692	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
	21	8,006	8,006	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	22	3,014	3,014	<b>16.78</b>	105.0	0.00	80.58	-	-	0.00	0.00	-	0.00
	23	2,952	2,953	<b>17.04</b>	105.0	0.00	80.40	-	-	0.00	0.00	-	0.00
	24	5,030	5,030	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
	25	5,472	5,472	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
	26	5,828	5,829	<b>7.88</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
	27	6,595	6,595	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
	28	6,822	6,822	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
	29	7,495	7,495	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
	30	8,001	8,001	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
	31	8,533	8,533	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
	32	7,723	7,723	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	33	9,754	9,754	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
	34	10,352	10,352	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
	35	3,456	3,457	<b>15.01</b>	105.0	0.00	81.77	-	-	0.00	0.00	-	0.00
	36	3,931	3,932	<b>13.30</b>	105.0	0.00	82.89	-	-	0.00	0.00	-	0.00
	37	3,842	3,843	<b>13.61</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
	38	4,182	4,183	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
	39	4,625	4,626	<b>11.09</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
	40	5,149	5,149	<b>9.61</b>	105.0	0.00	85.23	-	-	0.00	0.00	-	0.00
	41	5,822	5,822	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
	42	6,509	6,510	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
	43	7,181	7,181	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
	44	6,064	6,064	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
	45	6,609	6,609	<b>6.11</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
	46	6,432	6,432	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
	47	7,905	7,905	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
	48	8,383	8,383	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
	49	8,731	8,731	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
	50	8,725	8,725	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
	51	8,965	8,965	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
	52	9,261	9,261	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
	53	9,538	9,538	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
	54	10,929	10,929	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
	55	4,604	4,604	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
	56	5,024	5,025	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
	57	5,162	5,162	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
	58	5,576	5,577	<b>8.50</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
	59	6,882	6,882	<b>5.54</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,154	7,155	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
61	7,597	7,597	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
62	7,616	7,616	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
63	7,926	7,926	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
64	8,322	8,322	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
65	8,484	8,484	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
66	5,575	5,576	<b>8.50</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
67	7,444	7,444	<b>4.44</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
68	7,500	7,500	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
69	7,765	7,765	<b>3.84</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
70	7,942	7,942	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
71	8,355	8,355	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
72	8,905	8,905	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
73	8,273	8,274	<b>2.95</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
74	8,301	8,301	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
75	8,834	8,835	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
76	9,121	9,121	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
77	10,363	10,363	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
78	10,006	10,007	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
79	11,430	11,431	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
80	12,307	12,307	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
81	12,769	12,769	<b>-3.05</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
82	12,904	12,904	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
83	13,666	13,667	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
84	14,295	14,295	<b>-4.57</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
85	14,526	14,527	<b>-4.79</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00
86	14,877	14,877	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
87	13,596	13,596	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
88	13,165	13,165	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
89	13,861	13,861	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
90	13,929	13,930	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
91	14,398	14,398	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
92	14,586	14,586	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
93	14,315	14,315	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
94	13,818	13,818	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
95	13,887	13,887	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
96	14,572	14,572	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
97	15,560	15,560	<b>-5.71</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
98	15,275	15,275	<b>-5.46</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
99	15,429	15,429	<b>-5.59</b>	105.0	0.00	94.77	-	-	0.00	0.00	-	0.00
100	15,974	15,975	<b>-6.06</b>	105.0	0.00	95.07	-	-	0.00	0.00	-	0.00

Sum 28.12

- Data undefined due to calculation with octave data

### Noise sensitive area: H398 H398

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,388	4,388	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
2	4,920	4,920	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
3	4,757	4,757	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
4	3,005	3,006	<b>16.81</b>	105.0	0.00	80.56	-	-	0.00	0.00	-	0.00
5	3,152	3,153	<b>16.20</b>	105.0	0.00	80.97	-	-	0.00	0.00	-	0.00
6	4,193	4,194	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
7	4,546	4,546	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
8	5,165	5,165	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
9	4,261	4,261	<b>12.21</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
10	4,600	4,600	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	6,255	6,256	<b>6.89</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
12	5,374	5,374	<b>9.01</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
13	6,100	6,100	<b>7.24</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
14	6,995	6,995	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
15	6,866	6,866	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
16	4,910	4,911	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
17	6,355	6,355	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
18	7,095	7,095	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
19	6,031	6,032	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
20	7,700	7,700	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
21	8,014	8,015	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
22	3,018	3,019	<b>16.76</b>	105.0	0.00	80.60	-	-	0.00	0.00	-	0.00
23	2,946	2,947	<b>17.06</b>	105.0	0.00	80.39	-	-	0.00	0.00	-	0.00
24	5,032	5,032	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
25	5,470	5,471	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
26	5,830	5,831	<b>7.87</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
27	6,595	6,595	<b>6.14</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
28	6,819	6,820	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
29	7,496	7,496	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
30	8,001	8,002	<b>3.42</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
31	8,533	8,533	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
32	7,722	7,722	<b>3.92</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
33	9,754	9,754	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
34	10,351	10,351	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
35	3,442	3,443	<b>15.06</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
36	3,919	3,919	<b>13.35</b>	105.0	0.00	82.86	-	-	0.00	0.00	-	0.00
37	3,822	3,823	<b>13.68</b>	105.0	0.00	82.65	-	-	0.00	0.00	-	0.00
38	4,164	4,165	<b>12.53</b>	105.0	0.00	83.39	-	-	0.00	0.00	-	0.00
39	4,612	4,613	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
40	5,141	5,142	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
41	5,811	5,811	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
42	6,504	6,504	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
43	7,176	7,176	<b>4.96</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
44	6,056	6,056	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
45	6,600	6,600	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
46	6,419	6,420	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
47	7,899	7,899	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
48	8,377	8,378	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
49	8,727	8,727	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
50	8,717	8,717	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
51	8,958	8,958	<b>1.84</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
52	9,254	9,254	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
53	9,534	9,535	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
54	10,926	10,926	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
55	4,578	4,579	<b>11.23</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
56	4,999	5,000	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
57	5,139	5,140	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
58	5,555	5,556	<b>8.55</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
59	6,866	6,866	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
60	7,139	7,139	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
61	7,584	7,585	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
62	7,600	7,600	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
63	7,910	7,911	<b>3.58</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
64	8,310	8,310	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
65	8,473	8,473	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
66	5,548	5,548	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
67	7,421	7,421	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
68	7,475	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
69	7,743	7,743	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,921	7,921	<b>3.57</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
71	8,335	8,335	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
72	8,885	8,885	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
73	8,250	8,250	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
74	8,273	8,273	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
75	8,807	8,807	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
76	9,094	9,095	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
77	10,340	10,341	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
78	9,980	9,980	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
79	11,405	11,406	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
80	12,286	12,286	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
81	12,746	12,746	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
82	12,882	12,882	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
83	13,646	13,647	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
84	14,274	14,274	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
85	14,506	14,506	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
86	14,857	14,857	<b>-5.09</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
87	13,570	13,570	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
88	13,141	13,141	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
89	13,837	13,837	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
90	13,906	13,906	<b>-4.20</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
91	14,374	14,374	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
92	14,562	14,563	<b>-4.82</b>	105.0	0.00	94.26	-	-	0.00	0.00	-	0.00
93	14,293	14,293	<b>-4.57</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
94	13,789	13,790	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
95	13,859	13,859	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
96	14,544	14,545	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
97	15,535	15,535	<b>-5.68</b>	105.0	0.00	94.83	-	-	0.00	0.00	-	0.00
98	15,250	15,250	<b>-5.44</b>	105.0	0.00	94.67	-	-	0.00	0.00	-	0.00
99	15,405	15,405	<b>-5.57</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
100	15,949	15,950	<b>-6.04</b>	105.0	0.00	95.05	-	-	0.00	0.00	-	0.00

Sum 28.10

- Data undefined due to calculation with octave data

### Noise sensitive area: H399 H399

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,459	4,459	<b>11.60</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
2	4,991	4,992	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
3	4,828	4,829	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
4	3,076	3,077	<b>16.52</b>	105.0	0.00	80.76	-	-	0.00	0.00	-	0.00
5	3,224	3,225	<b>15.91</b>	105.0	0.00	81.17	-	-	0.00	0.00	-	0.00
6	4,264	4,265	<b>12.20</b>	105.0	0.00	83.60	-	-	0.00	0.00	-	0.00
7	4,615	4,616	<b>11.12</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
8	5,233	5,233	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
9	4,328	4,328	<b>12.00</b>	105.0	0.00	83.73	-	-	0.00	0.00	-	0.00
10	4,666	4,667	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
11	6,319	6,319	<b>6.74</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
12	5,433	5,433	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
13	6,159	6,159	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
14	7,055	7,055	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
15	6,920	6,920	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
16	4,965	4,965	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
17	6,407	6,407	<b>6.55</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
18	7,144	7,144	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
19	6,077	6,077	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
20	7,744	7,744	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	8,059	8,059	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
22	3,057	3,058	<b>16.59</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
23	2,965	2,966	<b>16.98</b>	105.0	0.00	80.44	-	-	0.00	0.00	-	0.00
24	5,066	5,066	<b>9.83</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
25	5,499	5,499	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
26	5,865	5,865	<b>7.79</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
27	6,626	6,627	<b>6.08</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
28	6,845	6,845	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
29	7,529	7,529	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
30	8,034	8,034	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
31	8,565	8,565	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
32	7,749	7,749	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
33	9,784	9,784	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
34	10,379	10,379	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
35	3,443	3,444	<b>15.06</b>	105.0	0.00	81.74	-	-	0.00	0.00	-	0.00
36	3,924	3,924	<b>13.33</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
37	3,811	3,812	<b>13.72</b>	105.0	0.00	82.62	-	-	0.00	0.00	-	0.00
38	4,157	4,158	<b>12.55</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
39	4,616	4,617	<b>11.12</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
40	5,157	5,158	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
41	5,820	5,820	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
42	6,524	6,525	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
43	7,196	7,196	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
44	6,069	6,070	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
45	6,612	6,612	<b>6.11</b>	105.0	0.00	87.41	-	-	0.00	0.00	-	0.00
46	6,426	6,426	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
47	7,918	7,918	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
48	8,398	8,398	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
49	8,749	8,749	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
50	8,731	8,731	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
51	8,974	8,974	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
52	9,272	9,273	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
53	9,559	9,559	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
54	10,951	10,951	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
55	4,552	4,553	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
56	4,975	4,976	<b>10.09</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
57	5,120	5,121	<b>9.69</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
58	5,540	5,541	<b>8.59</b>	105.0	0.00	85.87	-	-	0.00	0.00	-	0.00
59	6,862	6,862	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
60	7,138	7,138	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
61	7,590	7,590	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
62	7,597	7,597	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
63	7,910	7,910	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
64	8,316	8,316	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
65	8,483	8,483	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
66	5,517	5,517	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
67	7,400	7,400	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
68	7,451	7,452	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
69	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
70	7,906	7,906	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
71	8,323	8,323	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
72	8,872	8,872	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
73	8,229	8,229	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
74	8,239	8,239	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
75	8,775	8,775	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
76	9,065	9,065	<b>1.68</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
77	10,322	10,322	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
78	9,950	9,950	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
79	11,380	11,381	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	12,270	12,271	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
81	12,727	12,727	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
82	12,864	12,865	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
83	13,635	13,635	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
84	14,259	14,259	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
85	14,492	14,492	<b>-4.75</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
86	14,844	14,844	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
87	13,541	13,541	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
88	13,118	13,118	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
89	13,814	13,814	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
90	13,885	13,886	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
91	14,350	14,351	<b>-4.62</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
92	14,541	14,541	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
93	14,276	14,276	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
94	13,754	13,754	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
95	13,826	13,826	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
96	14,511	14,512	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
97	15,507	15,508	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
98	15,225	15,225	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
99	15,382	15,382	<b>-5.55</b>	105.0	0.00	94.74	-	-	0.00	0.00	-	0.00
100	15,924	15,924	<b>-6.01</b>	105.0	0.00	95.04	-	-	0.00	0.00	-	0.00

Sum 27.99

- Data undefined due to calculation with octave data

## Noise sensitive area: H400 H400

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	4,443	4,443	<b>11.64</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
2	4,971	4,971	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
3	4,802	4,803	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
4	3,058	3,059	<b>16.59</b>	105.0	0.00	80.71	-	-	0.00	0.00	-	0.00
5	3,197	3,198	<b>16.02</b>	105.0	0.00	81.10	-	-	0.00	0.00	-	0.00
6	4,231	4,231	<b>12.31</b>	105.0	0.00	83.53	-	-	0.00	0.00	-	0.00
7	4,577	4,578	<b>11.23</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
8	5,191	5,192	<b>9.50</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
9	4,283	4,283	<b>12.14</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
10	4,620	4,621	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
11	6,268	6,269	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
12	5,379	5,379	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
13	6,105	6,105	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
14	7,002	7,002	<b>5.30</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
15	6,862	6,862	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
16	4,907	4,907	<b>10.28</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
17	6,348	6,348	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
18	7,084	7,084	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
19	6,016	6,016	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
20	7,682	7,682	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
21	7,997	7,997	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
22	2,994	2,995	<b>16.86</b>	105.0	0.00	80.53	-	-	0.00	0.00	-	0.00
23	2,902	2,903	<b>17.25</b>	105.0	0.00	80.26	-	-	0.00	0.00	-	0.00
24	5,002	5,003	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
25	5,435	5,435	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
26	5,801	5,801	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
27	6,563	6,563	<b>6.21</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
28	6,781	6,782	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
29	7,465	7,466	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
30	7,970	7,970	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	8,501	8,501	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
32	7,685	7,685	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
33	9,720	9,720	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
34	10,315	10,315	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
35	3,384	3,385	<b>15.29</b>	105.0	0.00	81.59	-	-	0.00	0.00	-	0.00
36	3,863	3,864	<b>13.54</b>	105.0	0.00	82.74	-	-	0.00	0.00	-	0.00
37	3,757	3,758	<b>13.91</b>	105.0	0.00	82.50	-	-	0.00	0.00	-	0.00
38	4,101	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
39	4,556	4,557	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
40	5,094	5,095	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
41	5,758	5,759	<b>8.05</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
42	6,461	6,461	<b>6.43</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
43	7,133	7,133	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
44	6,007	6,007	<b>7.45</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
45	6,550	6,550	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
46	6,365	6,365	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
47	7,855	7,855	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
48	8,334	8,335	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
49	8,685	8,685	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
50	8,668	8,668	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
51	8,911	8,912	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
52	9,209	9,209	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
53	9,495	9,495	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
54	10,887	10,887	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
55	4,507	4,508	<b>11.45</b>	105.0	0.00	84.08	-	-	0.00	0.00	-	0.00
56	4,929	4,929	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
57	5,070	5,071	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
58	5,488	5,489	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
59	6,805	6,805	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
60	7,080	7,080	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
61	7,529	7,530	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
62	7,539	7,540	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
63	7,851	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
64	8,255	8,256	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
65	8,421	8,421	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
66	5,475	5,476	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
67	7,351	7,352	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
68	7,405	7,405	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
69	7,674	7,675	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
70	7,854	7,854	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
71	8,269	8,270	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
72	8,819	8,819	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
73	8,180	8,181	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
74	8,200	8,200	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
75	8,734	8,734	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
76	9,022	9,022	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
77	10,272	10,272	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
78	9,907	9,908	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
79	11,335	11,335	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
80	12,219	12,219	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
81	12,677	12,678	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
82	12,814	12,814	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
83	13,581	13,581	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
84	14,207	14,207	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
85	14,440	14,440	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
86	14,791	14,791	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
87	13,498	13,498	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
88	13,071	13,071	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
89	13,767	13,767	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,837	13,837	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
91	14,303	14,304	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
92	14,493	14,493	<b>-4.76</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
93	14,225	14,225	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
94	13,716	13,716	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
95	13,786	13,786	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
96	14,471	14,472	<b>-4.74</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
97	15,463	15,463	<b>-5.62</b>	105.0	0.00	94.79	-	-	0.00	0.00	-	0.00
98	15,179	15,179	<b>-5.38</b>	105.0	0.00	94.63	-	-	0.00	0.00	-	0.00
99	15,335	15,335	<b>-5.51</b>	105.0	0.00	94.71	-	-	0.00	0.00	-	0.00
100	15,878	15,879	<b>-5.98</b>	105.0	0.00	95.02	-	-	0.00	0.00	-	0.00

Sum 28.15

- Data undefined due to calculation with octave data

### Noise sensitive area: H401 H401

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,244	5,244	<b>9.35</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
2	5,810	5,811	<b>7.92</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
3	5,693	5,693	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
4	3,895	3,895	<b>13.43</b>	105.0	0.00	82.81	-	-	0.00	0.00	-	0.00
5	4,102	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
6	5,179	5,180	<b>9.53</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
7	5,554	5,554	<b>8.55</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
8	6,189	6,189	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
9	5,294	5,295	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
10	5,636	5,637	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
11	7,298	7,298	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
12	6,413	6,413	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
13	7,139	7,139	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
14	8,036	8,036	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
15	7,888	7,889	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
16	5,935	5,936	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
17	7,368	7,368	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
18	8,096	8,096	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
19	7,014	7,014	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
20	8,671	8,671	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
21	8,987	8,987	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
22	3,967	3,967	<b>13.18</b>	105.0	0.00	82.97	-	-	0.00	0.00	-	0.00
23	3,751	3,751	<b>13.93</b>	105.0	0.00	82.48	-	-	0.00	0.00	-	0.00
24	5,938	5,938	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
25	6,328	6,328	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
26	6,732	6,732	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
27	7,474	7,474	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
28	7,650	7,650	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
29	8,385	8,386	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
30	8,881	8,882	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
31	9,410	9,410	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
32	8,564	8,564	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
33	10,614	10,614	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
34	11,190	11,190	<b>-1.24</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
35	4,059	4,059	<b>12.87</b>	105.0	0.00	83.17	-	-	0.00	0.00	-	0.00
36	4,568	4,569	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
37	4,294	4,295	<b>12.11</b>	105.0	0.00	83.66	-	-	0.00	0.00	-	0.00
38	4,675	4,676	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
39	5,244	5,244	<b>9.35</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
40	5,888	5,888	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00

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Project:

**20162030 Westwood Red Pine**

Licensed user:

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 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,480	6,480	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
42	7,285	7,285	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
43	7,955	7,955	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
44	6,774	6,775	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
45	7,297	7,297	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
46	7,055	7,055	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
47	8,664	8,664	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
48	9,152	9,152	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
49	9,517	9,517	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
50	9,426	9,426	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
51	9,690	9,690	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
52	10,003	10,004	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
53	10,341	10,341	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
54	11,740	11,740	<b>-1.90</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
55	4,822	4,823	<b>10.52</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
56	5,261	5,261	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
57	5,483	5,483	<b>8.73</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
58	5,947	5,947	<b>7.60</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
59	7,385	7,386	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
60	7,684	7,685	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
61	8,204	8,204	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
62	8,123	8,123	<b>3.21</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
63	8,456	8,456	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
64	8,934	8,935	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
65	9,135	9,135	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
66	5,700	5,701	<b>8.19</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
67	7,709	7,710	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
68	7,720	7,721	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
69	8,067	8,067	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
70	8,283	8,283	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
71	8,733	8,733	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
72	9,270	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
73	8,530	8,530	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
74	8,352	8,352	<b>2.82</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
75	8,916	8,916	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
76	9,233	9,234	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
77	10,637	10,637	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
78	10,117	10,117	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
79	11,607	11,607	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
80	12,626	12,626	<b>-2.89</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
81	13,026	13,026	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
82	13,186	13,187	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
83	14,030	14,030	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
84	14,616	14,616	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
85	14,865	14,865	<b>-5.10</b>	105.0	0.00	94.44	-	-	0.00	0.00	-	0.00
86	15,226	15,226	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00
87	13,706	13,706	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
88	13,374	13,374	<b>-3.67</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
89	14,063	14,063	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
90	14,166	14,166	<b>-4.45</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
91	14,592	14,593	<b>-4.85</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
92	14,804	14,804	<b>-5.04</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
93	14,601	14,601	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
94	13,823	13,824	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
95	13,923	13,923	<b>-4.22</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
96	14,614	14,614	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00
97	15,695	15,695	<b>-5.82</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
98	15,447	15,447	<b>-5.61</b>	105.0	0.00	94.78	-	-	0.00	0.00	-	0.00
99	15,632	15,632	<b>-5.77</b>	105.0	0.00	94.88	-	-	0.00	0.00	-	0.00
100	16,137	16,137	<b>-6.19</b>	105.0	0.00	95.16	-	-	0.00	0.00	-	0.00

Sum 25.93



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H402 H402

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	5,023	5,023	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
	2	5,531	5,532	<b>8.61</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
	3	5,335	5,336	<b>9.11</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
	4	3,633	3,633	<b>14.36</b>	105.0	0.00	82.21	-	-	0.00	0.00	-	0.00
	5	3,733	3,734	<b>13.99</b>	105.0	0.00	82.44	-	-	0.00	0.00	-	0.00
	6	4,720	4,721	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
	7	5,031	5,031	<b>9.93</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
	8	5,608	5,609	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
	9	4,677	4,677	<b>10.94</b>	105.0	0.00	84.40	-	-	0.00	0.00	-	0.00
	10	5,001	5,001	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
	11	6,588	6,588	<b>6.16</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
	12	5,645	5,645	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
	13	6,369	6,369	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
	14	7,276	7,277	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
	15	7,050	7,050	<b>5.20</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
	16	5,113	5,113	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
	17	6,508	6,509	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
	18	7,214	7,214	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
	19	6,113	6,113	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
	20	7,753	7,753	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
	21	8,069	8,069	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
	22	3,052	3,053	<b>16.62</b>	105.0	0.00	80.69	-	-	0.00	0.00	-	0.00
	23	2,772	2,773	<b>17.82</b>	105.0	0.00	79.86	-	-	0.00	0.00	-	0.00
	24	4,983	4,983	<b>10.06</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
	25	5,354	5,354	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
	26	5,773	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
	27	6,504	6,504	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
	28	6,668	6,668	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
	29	7,418	7,418	<b>4.49</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
	30	7,911	7,911	<b>3.58</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
	31	8,438	8,438	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	32	7,584	7,584	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
	33	9,637	9,637	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
	34	10,209	10,209	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
	35	3,082	3,083	<b>16.49</b>	105.0	0.00	80.78	-	-	0.00	0.00	-	0.00
	36	3,588	3,588	<b>14.52</b>	105.0	0.00	82.10	-	-	0.00	0.00	-	0.00
	37	3,359	3,360	<b>15.38</b>	105.0	0.00	81.53	-	-	0.00	0.00	-	0.00
	38	3,729	3,729	<b>14.01</b>	105.0	0.00	82.43	-	-	0.00	0.00	-	0.00
	39	4,268	4,269	<b>12.19</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
	40	4,901	4,902	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
	41	5,500	5,500	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
	42	6,298	6,298	<b>6.79</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
	43	6,968	6,969	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
	44	5,789	5,789	<b>7.97</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
	45	6,314	6,314	<b>6.76</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
	46	6,081	6,082	<b>7.28</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
	47	7,677	7,677	<b>4.00</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
	48	8,165	8,166	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
	49	8,531	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
	50	8,443	8,443	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	51	8,704	8,705	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
	52	9,017	9,017	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
	53	9,355	9,355	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
	54	10,755	10,755	<b>-0.70</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
	55	3,999	4,000	<b>13.07</b>	105.0	0.00	83.04	-	-	0.00	0.00	-	0.00
	56	4,430	4,430	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
	57	4,609	4,610	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
	58	5,052	5,053	<b>9.87</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
	59	6,444	6,444	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	6,735	6,735	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
61	7,235	7,235	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
62	7,181	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
63	7,507	7,508	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
64	7,965	7,965	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
65	8,158	8,158	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
66	4,937	4,938	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
67	6,871	6,872	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
68	6,906	6,907	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
69	7,210	7,211	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
70	7,408	7,408	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
71	7,842	7,842	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
72	8,386	8,386	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
73	7,698	7,698	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
74	7,644	7,645	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
75	8,189	8,189	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
76	8,487	8,487	<b>2.60</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
77	9,799	9,799	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
78	9,373	9,373	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
79	10,824	10,824	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
80	11,767	11,767	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
81	12,199	12,200	<b>-2.42</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
82	12,347	12,347	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
83	13,151	13,151	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
84	13,757	13,758	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
85	13,998	13,998	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
86	14,355	14,355	<b>-4.63</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
87	12,966	12,966	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
88	12,574	12,574	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
89	13,268	13,268	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
90	13,351	13,351	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
91	13,802	13,802	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
92	14,000	14,000	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
93	13,760	13,761	<b>-4.06</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
94	13,153	13,153	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
95	13,231	13,231	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
96	13,919	13,919	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
97	14,940	14,941	<b>-5.16</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
98	14,670	14,670	<b>-4.92</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
99	14,837	14,837	<b>-5.07</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
100	15,366	15,366	<b>-5.54</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00

Sum 28.21

- Data undefined due to calculation with octave data

### Noise sensitive area: H403 H403

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	5,855	5,855	<b>7.81</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
2	6,397	6,398	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
3	6,239	6,240	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
4	4,479	4,480	<b>11.53</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
5	4,635	4,635	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
6	5,666	5,666	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
7	6,001	6,001	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
8	6,597	6,597	<b>6.14</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
9	5,672	5,673	<b>8.26</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
10	6,000	6,001	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	7,598	7,598	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
12	6,655	6,655	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
13	7,378	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
14	8,286	8,286	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
15	8,045	8,045	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
16	6,115	6,115	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
17	7,496	7,496	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
18	8,189	8,189	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
19	7,076	7,076	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
20	8,699	8,699	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
21	9,015	9,015	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
22	4,019	4,020	<b>13.01</b>	105.0	0.00	83.08	-	-	0.00	0.00	-	0.00
23	3,636	3,637	<b>14.34</b>	105.0	0.00	82.21	-	-	0.00	0.00	-	0.00
24	5,889	5,889	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
25	6,211	6,211	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
26	6,666	6,666	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
27	7,370	7,370	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
28	7,487	7,487	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
29	8,288	8,288	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
30	8,769	8,769	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
31	9,291	9,291	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
32	8,407	8,407	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
33	10,468	10,468	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
34	11,016	11,016	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
35	3,763	3,764	<b>13.89</b>	105.0	0.00	82.51	-	-	0.00	0.00	-	0.00
36	4,283	4,283	<b>12.14</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
37	3,884	3,884	<b>13.47</b>	105.0	0.00	82.79	-	-	0.00	0.00	-	0.00
38	4,281	4,282	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
39	4,928	4,928	<b>10.22</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
40	5,661	5,661	<b>8.29</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
41	6,174	6,175	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
42	7,072	7,072	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
43	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
44	6,508	6,508	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
45	7,006	7,006	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
46	6,714	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
47	8,424	8,424	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
48	8,919	8,919	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
49	9,298	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
50	9,129	9,129	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
51	9,412	9,412	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
52	9,740	9,740	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
53	10,133	10,133	<b>0.13</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
54	11,535	11,535	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
55	4,261	4,262	<b>12.21</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
56	4,701	4,701	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
57	4,965	4,966	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
58	5,451	5,451	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
59	6,955	6,955	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
60	7,270	7,270	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
61	7,840	7,840	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
62	7,689	7,689	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
63	8,035	8,035	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
64	8,569	8,570	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
65	8,799	8,799	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
66	5,081	5,082	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
67	7,138	7,139	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
68	7,128	7,128	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
69	7,512	7,512	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,747	7,748	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
71	8,215	8,215	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
72	8,742	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
73	7,949	7,950	<b>3.52</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
74	7,685	7,686	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
75	8,259	8,259	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
76	8,586	8,587	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
77	10,056	10,056	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
78	9,466	9,467	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
79	10,979	10,979	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
80	12,061	12,061	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
81	12,430	12,430	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
82	12,602	12,602	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
83	13,485	13,485	<b>-3.78</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
84	14,048	14,048	<b>-4.34</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
85	14,306	14,306	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
86	14,671	14,672	<b>-4.92</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00
87	13,048	13,048	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
88	12,756	12,756	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
89	13,441	13,441	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
90	13,558	13,558	<b>-3.86</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
91	13,966	13,966	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
92	14,187	14,187	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
93	14,016	14,016	<b>-4.31</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
94	13,130	13,130	<b>-3.42</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
95	13,239	13,239	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
96	13,931	13,931	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
97	15,043	15,043	<b>-5.25</b>	105.0	0.00	94.55	-	-	0.00	0.00	-	0.00
98	14,810	14,810	<b>-5.05</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
99	15,007	15,008	<b>-5.22</b>	105.0	0.00	94.53	-	-	0.00	0.00	-	0.00
100	15,496	15,496	<b>-5.65</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00

Sum 26.18

- Data undefined due to calculation with octave data

### Noise sensitive area: H404 H404

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,403	6,403	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
2	6,975	6,976	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
3	6,862	6,863	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
4	5,062	5,062	<b>9.85</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
5	5,272	5,272	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
6	6,345	6,345	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
7	6,711	6,711	<b>5.90</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
8	7,334	7,334	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
9	6,427	6,427	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
10	6,763	6,764	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
11	8,396	8,396	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
12	7,475	7,475	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
13	8,200	8,200	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
14	9,105	9,105	<b>1.62</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
15	8,891	8,891	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
16	6,954	6,954	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
17	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
18	9,048	9,048	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
19	7,938	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
20	9,563	9,564	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power		LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
			Calculated [dB(A)]	WTG									
21	9,879	9,879	<b>0.48</b>		105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
22	4,878	4,879	<b>10.36</b>		105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
23	4,500	4,500	<b>11.47</b>		105.0	0.00	84.06	-	-	0.00	0.00	-	0.00
24	6,754	6,754	<b>5.81</b>		105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
25	7,071	7,071	<b>5.16</b>		105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
26	7,531	7,531	<b>4.28</b>		105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
27	8,230	8,231	<b>3.03</b>		105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
28	8,338	8,338	<b>2.85</b>		105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
29	9,149	9,149	<b>1.55</b>		105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
30	9,627	9,627	<b>0.84</b>		105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
31	10,148	10,148	<b>0.11</b>		105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
32	9,258	9,258	<b>1.38</b>		105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
33	11,319	11,319	<b>-1.40</b>		105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
34	11,861	11,861	<b>-2.04</b>		105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
35	4,589	4,590	<b>11.20</b>		105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
36	5,109	5,109	<b>9.72</b>		105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
37	4,655	4,655	<b>11.00</b>		105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
38	5,058	5,058	<b>9.86</b>		105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
39	5,738	5,738	<b>8.10</b>		105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
40	6,499	6,499	<b>6.35</b>		105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
41	6,983	6,983	<b>5.34</b>		105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
42	7,911	7,912	<b>3.58</b>		105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
43	8,571	8,571	<b>2.46</b>		105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
44	7,332	7,332	<b>4.65</b>		105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
45	7,818	7,818	<b>3.75</b>		105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
46	7,505	7,505	<b>4.32</b>		105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
47	9,253	9,253	<b>1.39</b>		105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
48	9,749	9,749	<b>0.66</b>		105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
49	10,131	10,131	<b>0.13</b>		105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
50	9,934	9,934	<b>0.40</b>		105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
51	10,225	10,225	<b>0.00</b>		105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
52	10,558	10,558	<b>-0.44</b>		105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
53	10,970	10,970	<b>-0.97</b>		105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
54	12,371	12,372	<b>-2.61</b>		105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
55	4,902	4,903	<b>10.29</b>		105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
56	5,337	5,338	<b>9.11</b>		105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
57	5,642	5,643	<b>8.33</b>		105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
58	6,143	6,144	<b>7.14</b>		105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
59	7,691	7,691	<b>3.98</b>		105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
60	8,015	8,015	<b>3.40</b>		105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
61	8,614	8,614	<b>2.39</b>		105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
62	8,418	8,418	<b>2.71</b>		105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
63	8,773	8,773	<b>2.13</b>		105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
64	9,341	9,341	<b>1.26</b>		105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
65	9,586	9,586	<b>0.90</b>		105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
66	5,636	5,636	<b>8.35</b>		105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
67	7,740	7,740	<b>3.89</b>		105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
68	7,701	7,702	<b>3.96</b>		105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
69	8,130	8,130	<b>3.20</b>		105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
70	8,386	8,387	<b>2.76</b>		105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
71	8,870	8,871	<b>1.98</b>		105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
72	9,385	9,385	<b>1.19</b>		105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
73	8,534	8,535	<b>2.52</b>		105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
74	8,133	8,133	<b>3.19</b>		105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
75	8,721	8,721	<b>2.22</b>		105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
76	9,066	9,067	<b>1.67</b>		105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
77	10,631	10,631	<b>-0.54</b>		105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
78	9,936	9,936	<b>0.40</b>		105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
79	11,482	11,482	<b>-1.60</b>		105.0	0.00	92.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	12,652	12,652	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
81	12,979	12,979	<b>-3.27</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
82	13,166	13,166	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
83	14,096	14,096	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
84	14,630	14,630	<b>-4.88</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
85	14,898	14,898	<b>-5.12</b>	105.0	0.00	94.46	-	-	0.00	0.00	-	0.00
86	15,269	15,269	<b>-5.45</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00
87	13,491	13,491	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
88	13,271	13,271	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
89	13,947	13,947	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
90	14,087	14,087	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
91	14,464	14,465	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
92	14,701	14,701	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00
93	14,576	14,576	<b>-4.83</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
94	13,495	13,495	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
95	13,626	13,626	<b>-3.92</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
96	14,319	14,319	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
97	15,494	15,495	<b>-5.65</b>	105.0	0.00	94.80	-	-	0.00	0.00	-	0.00
98	15,289	15,290	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00
99	15,507	15,507	<b>-5.66</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
100	15,966	15,966	<b>-6.05</b>	105.0	0.00	95.06	-	-	0.00	0.00	-	0.00

Sum 24.37

- Data undefined due to calculation with octave data

### Noise sensitive area: H405 H405

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,941	6,941	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
2	7,525	7,525	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
3	7,432	7,433	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
4	5,622	5,622	<b>8.38</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
5	5,852	5,852	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
6	6,938	6,938	<b>5.43</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
7	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
8	7,948	7,948	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
9	7,047	7,047	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
10	7,385	7,386	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
11	9,026	9,026	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
12	8,109	8,109	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
13	8,834	8,834	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
14	9,739	9,739	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
15	9,526	9,526	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
16	7,589	7,589	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
17	8,982	8,982	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
18	9,679	9,679	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
19	8,567	8,567	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
20	10,187	10,187	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
21	10,503	10,503	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
22	5,509	5,509	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
23	5,108	5,109	<b>9.72</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
24	7,368	7,368	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
25	7,670	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
26	8,140	8,140	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
27	8,830	8,830	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
28	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
29	9,748	9,749	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
30	10,222	10,222	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

**Calculation:** V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
31	10,740	10,740	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00	
32	9,841	9,841	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00	
33	11,902	11,902	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00	
34	12,434	12,434	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00	
35	5,150	5,150	<b>9.61</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00	
36	5,668	5,668	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00	
37	5,167	5,167	<b>9.56</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00	
38	5,572	5,573	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00	
39	6,280	6,280	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00	
40	7,069	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00	
41	7,520	7,521	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00	
42	8,480	8,480	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00	
43	9,135	9,136	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00	
44	7,883	7,883	<b>3.63</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00	
45	8,357	8,357	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00	
46	8,023	8,024	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00	
47	9,808	9,808	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00	
48	10,305	10,305	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00	
49	10,692	10,692	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00	
50	10,463	10,463	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00	
51	10,761	10,761	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00	
52	11,099	11,100	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00	
53	11,533	11,533	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00	
54	12,933	12,933	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00	
55	5,311	5,311	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00	
56	5,739	5,739	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00	
57	6,073	6,073	<b>7.30</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00	
58	6,582	6,583	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00	
59	8,159	8,159	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00	
60	8,490	8,490	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00	
61	9,115	9,115	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00	
62	8,879	8,879	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00	
63	9,239	9,240	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00	
64	9,838	9,838	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00	
65	10,096	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00	
66	5,972	5,973	<b>7.54</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00	
67	8,097	8,098	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00	
68	8,037	8,038	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00	
69	8,499	8,500	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00	
70	8,771	8,771	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00	
71	9,267	9,267	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00	
72	9,769	9,770	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00	
73	8,875	8,875	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00	
74	8,369	8,369	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00	
75	8,965	8,965	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00	
76	9,322	9,323	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00	
77	10,956	10,956	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00	
78	10,180	10,180	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00	
79	11,747	11,747	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00	
80	12,985	12,985	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00	
81	13,277	13,277	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00	
82	13,477	13,477	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00	
83	14,444	14,444	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00	
84	14,953	14,953	<b>-5.17</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00	
85	15,229	15,229	<b>-5.42</b>	105.0	0.00	94.65	-	-	0.00	0.00	-	0.00	
86	15,604	15,604	<b>-5.74</b>	105.0	0.00	94.86	-	-	0.00	0.00	-	0.00	
87	13,704	13,704	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00	
88	13,541	13,541	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00	
89	14,209	14,209	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00	

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	14,367	14,367	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
91	14,719	14,720	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
92	14,967	14,968	<b>-5.19</b>	105.0	0.00	94.50	-	-	0.00	0.00	-	0.00
93	14,881	14,881	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
94	13,647	13,647	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
95	13,795	13,795	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
96	14,487	14,487	<b>-4.75</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
97	15,710	15,710	<b>-5.83</b>	105.0	0.00	94.92	-	-	0.00	0.00	-	0.00
98	15,528	15,528	<b>-5.68</b>	105.0	0.00	94.82	-	-	0.00	0.00	-	0.00
99	15,762	15,762	<b>-5.88</b>	105.0	0.00	94.95	-	-	0.00	0.00	-	0.00
100	16,196	16,196	<b>-6.24</b>	105.0	0.00	95.19	-	-	0.00	0.00	-	0.00

Sum 23.26

- Data undefined due to calculation with octave data

## Noise sensitive area: H406 H406

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	6,700	6,701	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
2	7,229	7,229	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
3	7,048	7,049	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
4	5,317	5,317	<b>9.16</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
5	5,444	5,444	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
6	6,440	6,440	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
7	6,746	6,746	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
8	7,309	7,309	<b>4.70</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
9	6,370	6,370	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
10	6,684	6,685	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
11	8,218	8,218	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
12	7,231	7,232	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
13	7,946	7,946	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
14	8,858	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
15	8,532	8,532	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
16	6,643	6,643	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
17	7,961	7,961	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
18	8,614	8,614	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
19	7,480	7,481	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
20	9,052	9,052	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
21	9,365	9,365	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
22	4,473	4,474	<b>11.55</b>	105.0	0.00	84.01	-	-	0.00	0.00	-	0.00
23	3,938	3,938	<b>13.28</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
24	6,195	6,195	<b>7.02</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
25	6,437	6,437	<b>6.48</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
26	6,942	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
27	7,594	7,594	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
28	7,642	7,642	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
29	8,509	8,509	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
30	8,968	8,968	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
31	9,478	9,478	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
32	8,559	8,559	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
33	10,616	10,616	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
34	11,128	11,128	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
35	3,846	3,847	<b>13.60</b>	105.0	0.00	82.70	-	-	0.00	0.00	-	0.00
36	4,357	4,357	<b>11.91</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
37	3,804	3,804	<b>13.74</b>	105.0	0.00	82.61	-	-	0.00	0.00	-	0.00
38	4,209	4,210	<b>12.38</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
39	4,941	4,942	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
40	5,768	5,769	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,173	6,173	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
42	7,174	7,174	<b>4.96</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
43	7,819	7,819	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
44	6,552	6,552	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
45	7,010	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
46	6,658	6,659	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
47	8,477	8,477	<b>2.61</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
48	8,974	8,974	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
49	9,367	9,367	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
50	9,103	9,103	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
51	9,408	9,408	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
52	9,751	9,751	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
53	10,211	10,211	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
54	11,608	11,608	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
55	3,926	3,927	<b>13.32</b>	105.0	0.00	82.88	-	-	0.00	0.00	-	0.00
56	4,356	4,357	<b>11.91</b>	105.0	0.00	83.78	-	-	0.00	0.00	-	0.00
57	4,685	4,685	<b>10.92</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
58	5,194	5,194	<b>9.49</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
59	6,772	6,772	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
60	7,104	7,105	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
61	7,738	7,738	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
62	7,491	7,491	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
63	7,852	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
64	8,459	8,459	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
65	8,724	8,724	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
66	4,622	4,622	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
67	6,736	6,736	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
68	6,689	6,689	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
69	7,132	7,132	<b>5.04</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
70	7,396	7,397	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
71	7,888	7,888	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
72	8,395	8,395	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
73	7,524	7,524	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
74	7,106	7,107	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
75	7,694	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
76	8,040	8,040	<b>3.36</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
77	9,616	9,616	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
78	8,909	8,909	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
79	10,456	10,456	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
80	11,639	11,639	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
81	11,957	11,957	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
82	12,148	12,148	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
83	13,089	13,089	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
84	13,615	13,615	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
85	13,885	13,886	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
86	14,258	14,258	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
87	12,465	12,466	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
88	12,245	12,246	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
89	12,921	12,921	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
90	13,063	13,063	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
91	13,438	13,438	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
92	13,675	13,675	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
93	13,556	13,557	<b>-3.86</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
94	12,480	12,481	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
95	12,607	12,607	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
96	13,300	13,300	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
97	14,469	14,469	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
98	14,263	14,263	<b>-4.54</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
99	14,481	14,481	<b>-4.74</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
100	14,939	14,939	<b>-5.16</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00

Sum 25.93

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H407 H407

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	7,260	7,260	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
	2	7,812	7,812	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
	3	7,663	7,663	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
	4	5,893	5,893	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
	5	6,059	6,059	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
	6	7,091	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
	7	7,420	7,420	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
	8	8,005	8,005	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	9	7,074	7,074	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
	10	7,396	7,396	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
	11	8,958	8,958	<b>1.84</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
	12	7,984	7,984	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
	13	8,701	8,701	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
	14	9,613	9,613	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
	15	9,302	9,302	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	16	7,406	7,406	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
	17	8,734	8,734	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
	18	9,390	9,390	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
	19	8,257	8,257	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
	20	9,828	9,829	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
	21	10,142	10,142	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
	22	5,244	5,245	<b>9.35</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
	23	4,714	4,715	<b>10.83</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
	24	6,970	6,970	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
	25	7,205	7,205	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
	26	7,714	7,715	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	27	8,360	8,360	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
	28	8,396	8,396	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
	29	9,274	9,274	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
	30	9,728	9,729	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
	31	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
	32	9,310	9,310	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
	33	11,364	11,364	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
	34	11,866	11,866	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
	35	4,598	4,598	<b>11.17</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
	36	5,103	5,104	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
	37	4,511	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
	38	4,915	4,916	<b>10.25</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
	39	5,668	5,669	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
	40	6,516	6,516	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
	41	6,889	6,890	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
	42	7,916	7,916	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
	43	8,556	8,556	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
	44	7,281	7,281	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
	45	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	46	7,353	7,354	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
	47	9,203	9,203	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
	48	9,700	9,700	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	49	10,096	10,096	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
	50	9,802	9,802	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
	51	10,113	10,113	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
	52	10,461	10,462	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
	53	10,942	10,942	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
	54	12,335	12,335	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
	55	4,512	4,513	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
	56	4,929	4,929	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
	57	5,290	5,291	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
	58	5,806	5,807	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
	59	7,411	7,411	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
61	8,409	8,410	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
62	8,118	8,119	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
63	8,486	8,486	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
64	9,124	9,124	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
65	9,404	9,405	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
66	5,108	5,108	<b>9.72</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
67	7,240	7,240	<b>4.83</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
68	7,165	7,165	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
69	7,649	7,650	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
70	7,933	7,933	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
71	8,437	8,438	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
72	8,928	8,928	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
73	8,004	8,004	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
74	7,450	7,451	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
75	8,048	8,049	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
76	8,409	8,410	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
77	10,073	10,073	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
78	9,262	9,263	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
79	10,835	10,836	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
80	12,104	12,104	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
81	12,377	12,378	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
82	12,583	12,583	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
83	13,570	13,571	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
84	14,065	14,066	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
85	14,345	14,345	<b>-4.62</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
86	14,722	14,722	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
87	12,777	12,778	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
88	12,630	12,631	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
89	13,295	13,295	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
90	13,460	13,460	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
91	13,803	13,803	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
92	14,055	14,055	<b>-4.34</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
93	13,984	13,984	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
94	12,714	12,714	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
95	12,863	12,863	<b>-3.14</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
96	13,555	13,555	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
97	14,784	14,784	<b>-5.02</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00
98	14,606	14,607	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
99	14,845	14,845	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
100	15,272	15,272	<b>-5.46</b>	105.0	0.00	94.68	-	-	0.00	0.00	-	0.00

Sum 24.33

- Data undefined due to calculation with octave data

### Noise sensitive area: H408 H408

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,577	7,577	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
2	8,159	8,160	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
3	8,061	8,061	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
4	6,253	6,253	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
5	6,476	6,476	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
6	7,555	7,555	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
7	7,923	7,924	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
8	8,546	8,546	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
9	7,636	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
10	7,971	7,971	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,591	9,591	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
12	8,654	8,655	<b>2.32</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
13	9,378	9,378	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
14	10,286	10,286	<b>-0.08</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
15	10,036	10,036	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	8,112	8,113	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
17	9,481	9,481	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
18	10,161	10,161	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
19	9,038	9,038	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
20	10,636	10,637	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
21	10,951	10,951	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
22	5,994	5,994	<b>7.48</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
23	5,530	5,531	<b>8.61</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
24	7,794	7,794	<b>3.79</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
25	8,058	8,058	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
26	8,551	8,552	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
27	9,217	9,217	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
28	9,273	9,273	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
29	10,133	10,133	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
30	10,595	10,595	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
31	11,107	11,107	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
32	10,190	10,190	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
33	12,247	12,247	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
34	12,759	12,759	<b>-3.03</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
35	5,478	5,478	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
36	5,989	5,989	<b>7.50</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
37	5,419	5,419	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
38	5,824	5,824	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
39	6,568	6,568	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
40	7,400	7,400	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
41	7,795	7,795	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
42	8,805	8,805	<b>2.08</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
43	9,450	9,450	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
44	8,180	8,180	<b>3.11</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
45	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
46	8,266	8,266	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
47	10,104	10,104	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
48	10,601	10,601	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
49	10,995	10,995	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
50	10,714	10,714	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
51	11,023	11,023	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
52	11,370	11,370	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
53	11,840	11,840	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
54	13,236	13,236	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
55	5,425	5,426	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
56	5,838	5,839	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
57	6,205	6,206	<b>7.00</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
58	6,722	6,722	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
59	8,328	8,328	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
60	8,667	8,668	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
61	9,326	9,326	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
62	9,035	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
63	9,402	9,403	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
64	10,041	10,041	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
65	10,320	10,320	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
66	5,993	5,994	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
67	8,126	8,127	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
68	8,041	8,041	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
69	8,540	8,540	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	8,829	8,829	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
71	9,337	9,338	<b>1.26</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
72	9,823	9,823	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
73	8,880	8,880	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
74	8,260	8,260	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
75	8,862	8,862	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
76	9,230	9,231	<b>1.42</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
77	10,935	10,935	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
78	10,072	10,072	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
79	11,656	11,656	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
80	12,967	12,967	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
81	13,219	13,219	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
82	13,432	13,432	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
83	14,441	14,441	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00
84	14,920	14,921	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
85	15,205	15,205	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00
86	15,583	15,583	<b>-5.73</b>	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
87	13,553	13,553	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
88	13,452	13,452	<b>-3.75</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
89	14,109	14,109	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
90	14,287	14,287	<b>-4.56</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
91	14,611	14,611	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00
92	14,871	14,871	<b>-5.10</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
93	14,827	14,827	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00
94	13,435	13,435	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
95	13,600	13,600	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
96	14,289	14,290	<b>-4.57</b>	105.0	0.00	94.10	-	-	0.00	0.00	-	0.00
97	15,559	15,559	<b>-5.71</b>	105.0	0.00	94.84	-	-	0.00	0.00	-	0.00
98	15,400	15,400	<b>-5.57</b>	105.0	0.00	94.75	-	-	0.00	0.00	-	0.00
99	15,651	15,651	<b>-5.78</b>	105.0	0.00	94.89	-	-	0.00	0.00	-	0.00
100	16,058	16,058	<b>-6.13</b>	105.0	0.00	95.11	-	-	0.00	0.00	-	0.00

Sum 22.65

- Data undefined due to calculation with octave data

### Noise sensitive area: H409 H409

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,806	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
2	8,388	8,388	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
3	8,288	8,288	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
4	6,481	6,481	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
5	6,701	6,701	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
6	7,777	7,778	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
7	8,143	8,144	<b>3.18</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
8	8,763	8,763	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
9	7,851	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
10	8,184	8,185	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
11	9,797	9,798	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
12	8,854	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
13	9,577	9,577	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
14	10,486	10,486	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
15	10,224	10,224	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
16	8,306	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
17	9,666	9,666	<b>0.78</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
18	10,340	10,340	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
19	9,214	9,214	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
20	10,804	10,804	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,118	11,118	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
22	6,176	6,177	<b>7.06</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
23	5,693	5,693	<b>8.21</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
24	7,955	7,955	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
25	8,206	8,206	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
26	8,707	8,708	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
27	9,364	9,364	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
28	9,408	9,409	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
29	10,279	10,279	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
30	10,737	10,737	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
31	11,246	11,246	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
32	10,324	10,324	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
33	12,379	12,379	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
34	12,883	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
35	5,610	5,611	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
36	6,118	6,118	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
37	5,527	5,527	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
38	5,930	5,931	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
39	6,685	6,685	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
40	7,531	7,531	<b>4.28</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
41	7,906	7,906	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
42	8,932	8,932	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
43	9,572	9,573	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
44	8,297	8,298	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
45	8,741	8,741	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
46	8,365	8,365	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
47	10,219	10,219	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
48	10,717	10,717	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
49	11,113	11,113	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
50	10,813	10,813	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
51	11,127	11,127	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
52	11,476	11,476	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
53	11,958	11,958	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
54	13,352	13,352	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
55	5,485	5,486	<b>8.73</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
56	5,893	5,893	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
57	6,270	6,270	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
58	6,788	6,788	<b>5.74</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
59	8,402	8,402	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
60	8,743	8,744	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
61	9,413	9,413	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
62	9,103	9,103	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
63	9,473	9,473	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
64	10,125	10,125	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
65	10,411	10,411	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
66	6,019	6,020	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
67	8,151	8,151	<b>3.16</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
68	8,057	8,057	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
69	8,568	8,569	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
70	8,863	8,863	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
71	9,375	9,375	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
72	9,854	9,854	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
73	8,895	8,895	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
74	8,234	8,235	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
75	8,837	8,838	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
76	9,210	9,210	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
77	10,939	10,939	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
78	10,044	10,044	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
79	11,634	11,634	<b>-1.78</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	80	12,971	12,971	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
	81	13,207	13,207	<b>-3.50</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
	82	13,425	13,426	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
	83	14,448	14,449	<b>-4.71</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
	84	14,917	14,917	<b>-5.14</b>	105.0	0.00	94.47	-	-	0.00	0.00	-	0.00
	85	15,205	15,205	<b>-5.40</b>	105.0	0.00	94.64	-	-	0.00	0.00	-	0.00
	86	15,584	15,584	<b>-5.73</b>	105.0	0.00	94.85	-	-	0.00	0.00	-	0.00
	87	13,508	13,508	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
	88	13,429	13,429	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
	89	14,082	14,082	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
	90	14,266	14,267	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
	91	14,581	14,581	<b>-4.84</b>	105.0	0.00	94.28	-	-	0.00	0.00	-	0.00
	92	14,845	14,845	<b>-5.08</b>	105.0	0.00	94.43	-	-	0.00	0.00	-	0.00
	93	14,816	14,817	<b>-5.05</b>	105.0	0.00	94.41	-	-	0.00	0.00	-	0.00
	94	13,367	13,368	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
	95	13,538	13,538	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
	96	14,227	14,227	<b>-4.51</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
	97	15,513	15,513	<b>-5.67</b>	105.0	0.00	94.81	-	-	0.00	0.00	-	0.00
	98	15,362	15,363	<b>-5.54</b>	105.0	0.00	94.73	-	-	0.00	0.00	-	0.00
	99	15,619	15,619	<b>-5.76</b>	105.0	0.00	94.87	-	-	0.00	0.00	-	0.00
	100	16,017	16,017	<b>-6.09</b>	105.0	0.00	95.09	-	-	0.00	0.00	-	0.00

Sum 22.42

- Data undefined due to calculation with octave data

## Noise sensitive area: H410 H410

		95% rated power											
WTG	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc	A	Cmet
		[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
	1	7,849	7,849	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
	2	8,422	8,422	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
	3	8,306	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
	4	6,508	6,509	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00
	5	6,711	6,711	<b>5.90</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
	6	7,774	7,774	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
	7	8,127	8,127	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	8	8,733	8,734	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
	9	7,813	7,813	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
	10	8,142	8,142	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
	11	9,734	9,734	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
	12	8,776	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
	13	9,496	9,496	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
	14	10,407	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
	15	10,119	10,119	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
	16	8,212	8,212	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
	17	9,555	9,555	<b>0.94</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
	18	10,217	10,217	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
	19	9,087	9,087	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
	20	10,663	10,663	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
	21	10,976	10,977	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
	22	6,064	6,064	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
	23	5,549	5,549	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
	24	7,806	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
	25	8,040	8,040	<b>3.36</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
	26	8,551	8,551	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
	27	9,195	9,195	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	28	9,225	9,226	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
	29	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
	30	10,561	10,561	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	11,067	11,067	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
32	10,139	10,139	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
33	12,190	12,190	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
34	12,686	12,686	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
35	5,427	5,428	<b>8.87</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
36	5,930	5,931	<b>7.63</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
37	5,318	5,319	<b>9.16</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
38	5,720	5,720	<b>8.14</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
39	6,485	6,485	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
40	7,343	7,343	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
41	7,698	7,698	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
42	8,739	8,740	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
43	9,375	9,376	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
44	8,096	8,096	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
45	8,531	8,531	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
46	8,147	8,147	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
47	10,015	10,015	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
48	10,513	10,513	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
49	10,910	10,910	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
50	10,595	10,595	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
51	10,911	10,911	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
52	11,263	11,263	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
53	11,756	11,756	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
54	13,147	13,147	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
55	5,241	5,241	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
56	5,644	5,644	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
57	6,027	6,028	<b>7.41</b>	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
58	6,546	6,546	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
59	8,164	8,164	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
60	8,507	8,507	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
61	9,185	9,185	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
62	8,861	8,861	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
63	9,232	9,232	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
64	9,894	9,894	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
65	10,185	10,185	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
66	5,756	5,756	<b>8.05</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
67	7,886	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
68	7,789	7,789	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
69	8,305	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
70	8,603	8,603	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
71	9,116	9,116	<b>1.60</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
72	9,592	9,592	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
73	8,627	8,627	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
74	7,956	7,957	<b>3.50</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
75	8,559	8,560	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
76	8,932	8,933	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
77	10,667	10,667	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
78	9,766	9,766	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
79	11,356	11,356	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
80	12,698	12,698	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
81	12,931	12,931	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
82	13,150	13,151	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
83	14,177	14,177	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
84	14,643	14,643	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
85	14,931	14,931	<b>-5.15</b>	105.0	0.00	94.48	-	-	0.00	0.00	-	0.00
86	15,311	15,311	<b>-5.49</b>	105.0	0.00	94.70	-	-	0.00	0.00	-	0.00
87	13,228	13,228	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
88	13,151	13,151	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
89	13,803	13,804	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,989	13,989	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
91	14,302	14,302	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
92	14,567	14,567	<b>-4.82</b>	105.0	0.00	94.27	-	-	0.00	0.00	-	0.00
93	14,540	14,541	<b>-4.80</b>	105.0	0.00	94.25	-	-	0.00	0.00	-	0.00
94	13,089	13,089	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
95	13,259	13,259	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
96	13,947	13,948	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
97	15,233	15,233	<b>-5.42</b>	105.0	0.00	94.66	-	-	0.00	0.00	-	0.00
98	15,083	15,083	<b>-5.29</b>	105.0	0.00	94.57	-	-	0.00	0.00	-	0.00
99	15,340	15,340	<b>-5.52</b>	105.0	0.00	94.72	-	-	0.00	0.00	-	0.00
100	15,737	15,737	<b>-5.86</b>	105.0	0.00	94.94	-	-	0.00	0.00	-	0.00

Sum 22.77

- Data undefined due to calculation with octave data

### Noise sensitive area: H411 H411

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	7,510	7,511	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
2	8,031	8,032	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
3	7,839	7,839	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
4	6,124	6,124	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
5	6,237	6,237	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
6	7,212	7,212	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
7	7,499	7,499	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
8	8,040	8,041	<b>3.36</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
9	7,095	7,095	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
10	7,400	7,400	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
11	8,883	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
12	7,871	7,871	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
13	8,575	8,575	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
14	9,486	9,486	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
15	9,098	9,098	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
16	7,251	7,251	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
17	8,514	8,514	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
18	9,131	9,131	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
19	7,990	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
20	9,510	9,510	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
21	9,820	9,820	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
22	5,056	5,056	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
23	4,426	4,426	<b>11.70</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
24	6,641	6,642	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
25	6,816	6,817	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
26	7,355	7,355	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
27	7,959	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
28	7,948	7,949	<b>3.52</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
29	8,863	8,864	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
30	9,300	9,300	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
31	9,796	9,796	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
32	8,853	8,854	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
33	10,893	10,893	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
34	11,370	11,370	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
35	4,169	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
36	4,655	4,655	<b>11.01</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
37	3,989	3,989	<b>13.11</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
38	4,385	4,386	<b>11.82</b>	105.0	0.00	83.84	-	-	0.00	0.00	-	0.00
39	5,170	5,170	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
40	6,060	6,060	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,363	6,363	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
42	7,439	7,439	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
43	8,062	8,062	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
44	6,775	6,775	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
45	7,192	7,192	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
46	6,791	6,791	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
47	8,685	8,685	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
48	9,181	9,181	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
49	9,583	9,583	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
50	9,236	9,236	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
51	9,557	9,558	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
52	9,913	9,913	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
53	10,429	10,429	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
54	11,813	11,813	<b>-1.98</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
55	3,858	3,858	<b>13.56</b>	105.0	0.00	82.73	-	-	0.00	0.00	-	0.00
56	4,261	4,262	<b>12.21</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
57	4,645	4,645	<b>11.03</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
58	5,163	5,164	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
59	6,783	6,784	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
60	7,128	7,128	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
61	7,813	7,813	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
62	7,478	7,479	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
63	7,850	7,850	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
64	8,519	8,519	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
65	8,816	8,816	<b>2.07</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
66	4,393	4,394	<b>11.80</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
67	6,526	6,527	<b>6.29</b>	105.0	0.00	87.29	-	-	0.00	0.00	-	0.00
68	6,441	6,441	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
69	6,941	6,941	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
70	7,232	7,233	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
71	7,743	7,743	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
72	8,224	8,225	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
73	7,280	7,280	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
74	6,699	6,699	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
75	7,298	7,298	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
76	7,660	7,661	<b>4.04</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
77	9,339	9,340	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
78	8,511	8,511	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
79	10,086	10,087	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
80	11,371	11,371	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
81	11,634	11,635	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
82	11,843	11,843	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
83	12,842	12,843	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
84	13,328	13,329	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
85	13,611	13,611	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
86	13,988	13,988	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
87	12,024	12,024	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
88	11,882	11,882	<b>-2.06</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
89	12,545	12,545	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
90	12,712	12,712	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
91	13,052	13,052	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
92	13,305	13,306	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
93	13,242	13,242	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
94	11,965	11,965	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
95	12,112	12,112	<b>-2.33</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
96	12,804	12,804	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
97	14,031	14,031	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
98	13,854	13,854	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
99	14,094	14,094	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
100	14,519	14,520	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00

Sum 25.42

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H412 H412

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,315	8,315	<b>2.89</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
	2	8,856	8,856	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
	3	8,688	8,688	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
	4	6,939	6,939	<b>5.43</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
	5	7,082	7,083	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
	6	8,087	8,087	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
	7	8,392	8,393	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
	8	8,950	8,950	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
	9	8,008	8,008	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	10	8,318	8,318	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
	11	9,820	9,821	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
	12	8,813	8,813	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
	13	9,519	9,519	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
	14	10,430	10,430	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
	15	10,043	10,043	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
	16	8,197	8,197	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
	17	9,459	9,459	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
	18	10,072	10,072	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
	19	8,930	8,930	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
	20	10,439	10,439	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
	21	10,748	10,748	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
	22	6,002	6,002	<b>7.47</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
	23	5,367	5,367	<b>9.03</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
	24	7,571	7,571	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
	25	7,727	7,727	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	26	8,275	8,275	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
	27	8,861	8,862	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
	28	8,828	8,828	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
	29	9,760	9,760	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
	30	10,187	10,187	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
	31	10,676	10,676	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
	32	9,726	9,726	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
	33	11,753	11,753	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
	34	12,212	12,212	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
	35	5,073	5,073	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
	36	5,546	5,546	<b>8.57</b>	105.0	0.00	85.88	-	-	0.00	0.00	-	0.00
	37	4,841	4,841	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
	38	5,227	5,228	<b>9.40</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
	39	6,029	6,030	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
	40	6,941	6,941	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
	41	7,194	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
	42	8,302	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
	43	8,912	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
	44	7,621	7,622	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
	45	8,014	8,014	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
	46	7,587	7,588	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
	47	9,515	9,515	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
	48	10,009	10,009	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	49	10,414	10,414	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
	50	10,020	10,020	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
	51	10,351	10,351	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
	52	10,712	10,712	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
	53	11,259	11,259	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
	54	12,633	12,633	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
	55	4,564	4,564	<b>11.28</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
	56	4,937	4,938	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
	57	5,354	5,354	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
	58	5,870	5,870	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
	59	7,501	7,501	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,851	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
61	8,567	8,568	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
62	8,173	8,173	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
63	8,549	8,549	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
64	9,258	9,258	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
65	9,575	9,575	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
66	4,953	4,953	<b>10.15</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
67	7,063	7,063	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
68	6,941	6,942	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
69	7,490	7,490	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
70	7,803	7,803	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
71	8,325	8,326	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
72	8,780	8,780	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
73	7,774	7,774	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
74	7,015	7,016	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
75	7,619	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
76	7,998	7,999	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
77	9,780	9,780	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
78	8,818	8,818	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
79	10,416	10,416	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
80	11,808	11,808	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
81	12,009	12,009	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
82	12,238	12,238	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
83	13,295	13,295	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
84	13,736	13,736	<b>-4.03</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
85	14,031	14,031	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
86	14,413	14,413	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
87	12,250	12,250	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
88	12,207	12,207	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
89	12,852	12,853	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
90	13,050	13,050	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
91	13,345	13,345	<b>-3.64</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
92	13,617	13,617	<b>-3.92</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
93	13,619	13,619	<b>-3.92</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
94	12,087	12,087	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
95	12,262	12,263	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
96	12,950	12,950	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
97	14,253	14,253	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
98	14,115	14,115	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
99	14,381	14,381	<b>-4.65</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
100	14,763	14,763	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 23.67

- Data undefined due to calculation with octave data

### Noise sensitive area: H413 H413

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,312	8,312	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
2	8,851	8,852	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
3	8,682	8,682	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
4	6,935	6,935	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
5	7,076	7,077	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
6	8,079	8,079	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
7	8,382	8,383	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
8	8,938	8,939	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
9	7,996	7,996	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
10	8,305	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,804	9,804	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
12	8,796	8,796	<b>2.10</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
13	9,501	9,501	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
14	10,412	10,412	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
15	10,022	10,022	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
16	8,178	8,178	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
17	9,437	9,437	<b>1.12</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
18	10,049	10,049	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
19	8,907	8,908	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
20	10,415	10,415	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
21	10,723	10,723	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
22	5,982	5,983	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
23	5,344	5,345	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
24	7,546	7,546	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
25	7,700	7,700	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
26	8,249	8,249	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
27	8,834	8,834	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
28	8,799	8,799	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
29	9,733	9,733	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
30	10,159	10,159	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
31	10,647	10,647	<b>-0.56</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
32	9,697	9,697	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
33	11,723	11,723	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
34	12,181	12,181	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
35	5,046	5,047	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
36	5,518	5,519	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
37	4,811	4,811	<b>10.55</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
38	5,197	5,198	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
39	6,000	6,000	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
40	6,912	6,912	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
41	7,163	7,164	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
42	8,273	8,273	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
43	8,882	8,882	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
44	7,591	7,591	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
45	7,983	7,983	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
46	7,556	7,556	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
47	9,484	9,484	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
48	9,978	9,978	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
49	10,383	10,383	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
50	9,987	9,987	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
51	10,319	10,319	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
52	10,680	10,680	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
53	11,228	11,228	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
54	12,602	12,602	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
55	4,531	4,531	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
56	4,903	4,904	<b>10.29</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
57	5,320	5,321	<b>9.15</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
58	5,836	5,837	<b>7.86</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
59	7,467	7,468	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
60	7,818	7,818	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
61	8,535	8,535	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
62	8,139	8,139	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
63	8,515	8,516	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
64	9,225	9,225	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
65	9,542	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
66	4,918	4,918	<b>10.25</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
67	7,028	7,028	<b>5.25</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
68	6,906	6,907	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
69	7,455	7,455	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,768	7,769	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
71	8,291	8,291	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
72	8,745	8,745	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
73	7,739	7,739	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
74	6,981	6,981	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
75	7,585	7,585	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
76	7,964	7,964	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
77	9,745	9,745	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
78	8,784	8,784	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
79	10,381	10,382	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
80	11,773	11,773	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
81	11,975	11,975	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
82	12,203	12,203	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
83	13,260	13,260	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
84	13,701	13,702	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
85	13,996	13,996	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
86	14,378	14,378	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
87	12,217	12,217	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
88	12,173	12,173	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
89	12,819	12,819	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
90	13,016	13,016	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
91	13,311	13,311	<b>-3.61</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
92	13,583	13,583	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
93	13,584	13,584	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
94	12,055	12,056	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
95	12,230	12,231	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
96	12,918	12,918	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
97	14,220	14,220	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
98	14,081	14,081	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
99	14,347	14,347	<b>-4.62</b>	105.0	0.00	94.14	-	-	0.00	0.00	-	0.00
100	14,730	14,730	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00

Sum 23.73

- Data undefined due to calculation with octave data

### Noise sensitive area: H414 H414

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,306	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
2	8,844	8,844	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
3	8,671	8,672	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
4	6,928	6,928	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
5	7,066	7,067	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
6	8,066	8,066	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
7	8,367	8,367	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
8	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
9	7,978	7,978	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
10	8,286	8,286	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
11	9,781	9,781	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
12	8,771	8,771	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
13	9,475	9,476	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
14	10,386	10,387	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
15	9,993	9,993	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
16	8,151	8,151	<b>3.16</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
17	9,407	9,407	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
18	10,018	10,018	<b>0.29</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
19	8,876	8,876	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
20	10,380	10,381	<b>-0.21</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,689	10,689	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
22	5,955	5,955	<b>7.58</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
23	5,313	5,313	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
24	7,512	7,513	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
25	7,664	7,664	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
26	8,214	8,214	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
27	8,797	8,797	<b>2.10</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
28	8,760	8,761	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
29	9,695	9,695	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
30	10,120	10,121	<b>0.14</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
31	10,608	10,608	<b>-0.51</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
32	9,657	9,657	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
33	11,683	11,683	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
34	12,140	12,140	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
35	5,009	5,010	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
36	5,480	5,481	<b>8.74</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
37	4,771	4,771	<b>10.66</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
38	5,157	5,157	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
39	5,960	5,960	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
40	6,874	6,874	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
41	7,122	7,122	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
42	8,233	8,233	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
43	8,842	8,842	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
44	7,550	7,551	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
45	7,941	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
46	7,513	7,513	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
47	9,443	9,443	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
48	9,936	9,936	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
49	10,342	10,342	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
50	9,944	9,944	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
51	10,276	10,276	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
52	10,637	10,637	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
53	11,186	11,186	<b>-1.24</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
54	12,560	12,560	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
55	4,486	4,487	<b>11.51</b>	105.0	0.00	84.04	-	-	0.00	0.00	-	0.00
56	4,858	4,859	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
57	5,276	5,276	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
58	5,792	5,792	<b>7.97</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
59	7,423	7,423	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
60	7,774	7,774	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
61	8,491	8,491	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
62	8,094	8,094	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
63	8,471	8,471	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
64	9,181	9,181	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
65	9,498	9,498	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
66	4,872	4,873	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
67	6,982	6,983	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
68	6,861	6,861	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
69	7,409	7,410	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
70	7,723	7,723	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
71	8,245	8,245	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
72	8,699	8,699	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
73	7,693	7,694	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
74	6,937	6,937	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
75	7,541	7,541	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
76	7,920	7,920	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
77	9,700	9,700	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
78	8,740	8,740	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
79	10,337	10,338	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,728	11,728	<b>-1.89</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
81	11,930	11,930	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
82	12,159	12,159	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
83	13,215	13,215	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
84	13,657	13,657	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
85	13,951	13,951	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
86	14,333	14,333	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
87	12,175	12,175	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
88	12,129	12,129	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
89	12,775	12,775	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
90	12,972	12,972	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
91	13,268	13,268	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
92	13,539	13,539	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
93	13,540	13,540	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
94	12,015	12,016	<b>-2.22</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
95	12,190	12,190	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
96	12,877	12,878	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
97	14,178	14,178	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
98	14,038	14,039	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
99	14,304	14,304	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
100	14,687	14,688	<b>-4.93</b>	105.0	0.00	94.34	-	-	0.00	0.00	-	0.00

Sum 23.81

- Data undefined due to calculation with octave data

### Noise sensitive area: H415 H415

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,301	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
2	8,838	8,839	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
3	8,665	8,665	<b>2.31</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
4	6,923	6,923	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
5	7,060	7,060	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
6	8,057	8,057	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
7	8,357	8,358	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
8	8,910	8,910	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
9	7,966	7,966	<b>3.49</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
10	8,274	8,274	<b>2.95</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
11	9,767	9,767	<b>0.64</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
12	8,756	8,756	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
13	9,460	9,460	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
14	10,371	10,371	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
15	9,975	9,975	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
16	8,135	8,135	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
17	9,389	9,389	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
18	9,998	9,998	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
19	8,856	8,856	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
20	10,360	10,360	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
21	10,668	10,668	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
22	5,938	5,939	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
23	5,294	5,294	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
24	7,492	7,492	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
25	7,642	7,642	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
26	8,192	8,192	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
27	8,774	8,774	<b>2.13</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
28	8,737	8,737	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
29	9,672	9,672	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
30	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,585	10,585	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
32	9,633	9,633	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
33	11,658	11,658	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
34	12,115	12,115	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
35	4,987	4,988	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
36	5,458	5,458	<b>8.80</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
37	4,747	4,747	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
38	5,132	5,133	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
39	5,936	5,936	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
40	6,850	6,850	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
41	7,097	7,098	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
42	8,209	8,209	<b>3.07</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
43	8,817	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
44	7,526	7,526	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
45	7,916	7,916	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
46	7,487	7,488	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
47	9,418	9,418	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
48	9,911	9,911	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
49	10,316	10,317	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
50	9,918	9,918	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
51	10,250	10,250	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
52	10,612	10,612	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
53	11,161	11,161	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
54	12,535	12,535	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
55	4,460	4,460	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
56	4,832	4,832	<b>10.49</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
57	5,249	5,250	<b>9.34</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
58	5,765	5,766	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
59	7,396	7,397	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
60	7,747	7,747	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
61	8,464	8,465	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
62	8,067	8,067	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
63	8,444	8,444	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
64	9,154	9,154	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
65	9,472	9,472	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
66	4,845	4,846	<b>10.45</b>	105.0	0.00	84.71	-	-	0.00	0.00	-	0.00
67	6,955	6,955	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
68	6,833	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
69	7,382	7,383	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
70	7,695	7,696	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
71	8,218	8,218	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
72	8,672	8,672	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
73	7,666	7,666	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
74	6,911	6,911	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
75	7,515	7,515	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
76	7,893	7,894	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
77	9,673	9,673	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
78	8,714	8,714	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
79	10,311	10,311	<b>-0.11</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
80	11,701	11,701	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
81	11,904	11,904	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
82	12,132	12,132	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
83	13,188	13,188	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
84	13,630	13,630	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
85	13,924	13,924	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
86	14,306	14,306	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
87	12,150	12,150	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
88	12,103	12,103	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
89	12,749	12,749	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,946	12,946	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
91	13,242	13,242	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
92	13,513	13,514	<b>-3.81</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
93	13,513	13,513	<b>-3.81</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
94	11,992	11,992	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
95	12,166	12,166	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
96	12,854	12,854	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
97	14,153	14,153	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
98	14,013	14,013	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
99	14,278	14,278	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
100	14,662	14,662	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 23.86

- Data undefined due to calculation with octave data

### Noise sensitive area: H416 H416

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,380	8,380	<b>2.78</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
2	8,920	8,920	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
3	8,750	8,750	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
4	7,003	7,004	<b>5.30</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
5	7,145	7,145	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
6	8,147	8,147	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
7	8,450	8,450	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
8	9,005	9,005	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
9	8,062	8,063	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
10	8,372	8,372	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
11	9,869	9,869	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
12	8,859	8,859	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
13	9,564	9,564	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
14	10,475	10,475	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
15	10,082	10,082	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
16	8,240	8,240	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
17	9,496	9,496	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
18	10,106	10,106	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
19	8,965	8,965	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
20	10,469	10,469	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
21	10,777	10,777	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
22	6,044	6,044	<b>7.37</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
23	5,402	5,402	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
24	7,601	7,601	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
25	7,751	7,751	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
26	8,301	8,301	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
27	8,883	8,884	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
28	8,845	8,845	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
29	9,781	9,781	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
30	10,206	10,206	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
31	10,693	10,693	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
32	9,741	9,741	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
33	11,766	11,766	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
34	12,222	12,222	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
35	5,096	5,097	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
36	5,567	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
37	4,854	4,855	<b>10.42</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
38	5,239	5,240	<b>9.37</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
39	6,044	6,044	<b>7.37</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
40	6,959	6,959	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,204	7,204	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
42	8,316	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
43	8,924	8,924	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
44	7,633	7,633	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
45	8,022	8,022	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
46	7,592	7,592	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
47	9,524	9,524	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
48	10,017	10,017	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
49	10,423	10,423	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
50	10,022	10,022	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
51	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
52	10,716	10,716	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
53	11,267	11,267	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
54	12,640	12,640	<b>-2.91</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
55	4,560	4,560	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
56	4,929	4,930	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
57	5,349	5,349	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
58	5,864	5,865	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
59	7,496	7,496	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
60	7,847	7,847	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
61	8,566	8,566	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
62	8,165	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
63	8,541	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
64	9,255	9,255	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
65	9,574	9,574	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
66	4,934	4,934	<b>10.20</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
67	7,040	7,041	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
68	6,916	6,916	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
69	7,468	7,469	<b>4.39</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
70	7,783	7,783	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
71	8,306	8,307	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
72	8,758	8,758	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
73	7,747	7,748	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
74	6,976	6,976	<b>5.35</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
75	7,580	7,580	<b>4.18</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
76	7,960	7,960	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
77	9,748	9,749	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
78	8,777	8,777	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
79	10,376	10,376	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
80	11,776	11,776	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
81	11,972	11,972	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
82	12,202	12,203	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
83	13,264	13,264	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
84	13,701	13,701	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
85	13,997	13,997	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
86	14,379	14,379	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
87	12,204	12,204	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
88	12,167	12,167	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
89	12,811	12,811	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
90	13,010	13,010	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
91	13,302	13,302	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
92	13,575	13,576	<b>-3.87</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
93	13,581	13,582	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
94	12,034	12,035	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
95	12,211	12,211	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
96	12,899	12,899	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
97	14,206	14,206	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
98	14,070	14,070	<b>-4.36</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
99	14,337	14,338	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
100	14,717	14,717	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00

Sum 23.65

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H417 H417

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,418	8,418	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	2	8,962	8,962	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
	3	8,798	8,799	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
	4	7,044	7,044	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
	5	7,193	7,193	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
	6	8,203	8,203	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
	7	8,511	8,512	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
	8	9,072	9,072	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
	9	8,131	8,131	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	10	8,442	8,443	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	11	9,949	9,949	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
	12	8,944	8,944	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
	13	9,650	9,650	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
	14	10,562	10,562	<b>-0.45</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
	15	10,177	10,177	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
	16	8,329	8,329	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
	17	9,593	9,593	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
	18	10,207	10,207	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
	19	9,065	9,065	<b>1.68</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
	20	10,575	10,575	<b>-0.46</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
	21	10,883	10,883	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
	22	6,135	6,135	<b>7.16</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
	23	5,501	5,502	<b>8.69</b>	105.0	0.00	85.81	-	-	0.00	0.00	-	0.00
	24	7,706	7,707	<b>3.95</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
	25	7,862	7,862	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
	26	8,410	8,410	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	27	8,996	8,996	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
	28	8,962	8,962	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
	29	9,895	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
	30	10,321	10,321	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
	31	10,810	10,810	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
	32	9,859	9,859	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
	33	11,885	11,885	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
	34	12,342	12,342	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
	35	5,208	5,208	<b>9.45</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00
	36	5,680	5,681	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
	37	4,973	4,973	<b>10.09</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
	38	5,359	5,359	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
	39	6,162	6,162	<b>7.10</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
	40	7,075	7,075	<b>5.15</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
	41	7,325	7,325	<b>4.67</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
	42	8,435	8,435	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
	43	9,044	9,044	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
	44	7,753	7,753	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
	45	8,144	8,144	<b>3.18</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
	46	7,715	7,715	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
	47	9,645	9,645	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
	48	10,139	10,139	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
	49	10,544	10,544	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
	50	10,146	10,146	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
	51	10,477	10,478	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
	52	10,839	10,839	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
	53	11,389	11,389	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
	54	12,762	12,762	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
	55	4,685	4,686	<b>10.91</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
	56	5,055	5,056	<b>9.86</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
	57	5,474	5,475	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
	58	5,990	5,990	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
	59	7,621	7,621	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,972	7,972	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
61	8,691	8,691	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
62	8,291	8,291	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
63	8,667	8,667	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
64	9,380	9,380	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
65	9,698	9,698	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
66	5,059	5,060	<b>9.85</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
67	7,165	7,165	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
68	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
69	7,593	7,593	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
70	7,908	7,909	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
71	8,431	8,432	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
72	8,883	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
73	7,871	7,871	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
74	7,092	7,092	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
75	7,696	7,696	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
76	8,077	8,077	<b>3.29</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
77	9,869	9,869	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
78	8,892	8,892	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
79	10,491	10,491	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
80	11,896	11,896	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
81	12,090	12,090	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
82	12,321	12,321	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
83	13,385	13,385	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
84	13,820	13,820	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
85	14,116	14,116	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
86	14,498	14,499	<b>-4.76</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
87	12,312	12,312	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
88	12,281	12,282	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
89	12,924	12,924	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
90	13,125	13,125	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
91	13,415	13,415	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
92	13,689	13,689	<b>-3.99</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
93	13,699	13,699	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
94	12,135	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
95	12,314	12,314	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
96	13,001	13,001	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
97	14,313	14,313	<b>-4.59</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
98	14,180	14,180	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
99	14,449	14,449	<b>-4.71</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
100	14,826	14,826	<b>-5.06</b>	105.0	0.00	94.42	-	-	0.00	0.00	-	0.00

Sum 23.41

- Data undefined due to calculation with octave data

### Noise sensitive area: H418 H418

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,298	8,298	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
2	8,834	8,834	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
3	8,659	8,659	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
4	6,919	6,919	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
5	7,054	7,054	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
6	8,050	8,050	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
7	8,348	8,349	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
8	8,899	8,900	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
9	7,956	7,956	<b>3.50</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
10	8,263	8,263	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,753	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
12	8,741	8,741	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
13	9,445	9,445	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
14	10,355	10,355	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
15	9,958	9,958	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
16	8,119	8,119	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
17	9,372	9,372	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
18	9,980	9,980	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
19	8,838	8,838	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
20	10,339	10,339	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
21	10,647	10,647	<b>-0.56</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
22	5,922	5,922	<b>7.65</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
23	5,275	5,275	<b>9.27</b>	105.0	0.00	85.45	-	-	0.00	0.00	-	0.00
24	7,472	7,472	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
25	7,620	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
26	8,171	8,171	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
27	8,752	8,752	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
28	8,714	8,714	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
29	9,649	9,650	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
30	10,074	10,074	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
31	10,561	10,561	<b>-0.45</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
32	9,610	9,610	<b>0.86</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
33	11,634	11,634	<b>-1.78</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
34	12,090	12,090	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
35	4,965	4,966	<b>10.11</b>	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
36	5,435	5,435	<b>8.85</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
37	4,723	4,723	<b>10.80</b>	105.0	0.00	84.49	-	-	0.00	0.00	-	0.00
38	5,108	5,108	<b>9.72</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
39	5,912	5,912	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
40	6,827	6,827	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
41	7,073	7,073	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
42	8,185	8,185	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
43	8,793	8,793	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
44	7,502	7,502	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
45	7,891	7,891	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
46	7,462	7,462	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
47	9,393	9,393	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
48	9,886	9,886	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
49	10,292	10,292	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
50	9,893	9,893	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
51	10,224	10,225	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
52	10,586	10,586	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
53	11,136	11,136	<b>-1.18</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
54	12,509	12,510	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
55	4,433	4,434	<b>11.67</b>	105.0	0.00	83.94	-	-	0.00	0.00	-	0.00
56	4,805	4,805	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
57	5,223	5,223	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
58	5,739	5,739	<b>8.10</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
59	7,370	7,370	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
60	7,720	7,721	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
61	8,438	8,438	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
62	8,040	8,041	<b>3.36</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
63	8,417	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
64	9,128	9,128	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
65	9,446	9,446	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
66	4,818	4,818	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
67	6,928	6,928	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
68	6,806	6,806	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
69	7,355	7,355	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,668	7,668	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
71	8,190	8,190	<b>3.10</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
72	8,644	8,645	<b>2.34</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
73	7,639	7,639	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
74	6,884	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
75	7,488	7,489	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
76	7,867	7,867	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
77	9,646	9,646	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
78	8,688	8,688	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
79	10,285	10,285	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
80	11,674	11,674	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
81	11,877	11,877	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
82	12,105	12,105	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
83	13,161	13,161	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
84	13,603	13,603	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
85	13,897	13,897	<b>-4.19</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
86	14,279	14,279	<b>-4.56</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
87	12,125	12,125	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
88	12,077	12,077	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
89	12,723	12,723	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
90	12,919	12,919	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
91	13,216	13,216	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
92	13,487	13,487	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
93	13,486	13,486	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
94	11,968	11,968	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
95	12,141	12,141	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
96	12,829	12,829	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
97	14,128	14,128	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
98	13,987	13,988	<b>-4.28</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
99	14,252	14,252	<b>-4.53</b>	105.0	0.00	94.08	-	-	0.00	0.00	-	0.00
100	14,637	14,637	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00

Sum 23.91

- Data undefined due to calculation with octave data

### Noise sensitive area: H419 H419

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,363	8,364	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
2	8,901	8,901	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
3	8,728	8,728	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
4	6,985	6,985	<b>5.33</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
5	7,123	7,123	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
6	8,120	8,120	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
7	8,420	8,421	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
8	8,972	8,973	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
9	8,029	8,029	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
10	8,337	8,337	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
11	9,828	9,828	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
12	8,816	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
13	9,520	9,520	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
14	10,431	10,431	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
15	10,034	10,034	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	8,195	8,195	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
17	9,447	9,447	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
18	10,055	10,055	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
19	8,913	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
20	10,414	10,414	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,722	10,722	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
22	5,998	5,998	<b>7.48</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
23	5,351	5,351	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
24	7,546	7,546	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
25	7,693	7,694	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
26	8,245	8,245	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
27	8,825	8,825	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
28	8,785	8,785	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
29	9,722	9,722	<b>0.70</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
30	10,146	10,146	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
31	10,632	10,632	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
32	9,680	9,680	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
33	11,703	11,703	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
34	12,158	12,158	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
35	5,039	5,039	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
36	5,507	5,508	<b>8.67</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
37	4,793	4,793	<b>10.60</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
38	5,177	5,177	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
39	5,982	5,982	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
40	6,898	6,898	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
41	7,140	7,141	<b>5.02</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
42	8,255	8,255	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
43	8,862	8,862	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
44	7,570	7,571	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
45	7,958	7,958	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
46	7,527	7,527	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
47	9,460	9,460	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
48	9,953	9,953	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
49	10,359	10,359	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
50	9,956	9,956	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
51	10,289	10,289	<b>-0.08</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
52	10,651	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
53	11,204	11,204	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
54	12,576	12,576	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
55	4,493	4,494	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
56	4,863	4,863	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
57	5,282	5,283	<b>9.25</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
58	5,798	5,798	<b>7.95</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
59	7,429	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
60	7,780	7,780	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
61	8,500	8,500	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
62	8,098	8,098	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
63	8,475	8,475	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
64	9,188	9,189	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
65	9,508	9,508	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
66	4,867	4,867	<b>10.39</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
67	6,974	6,974	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
68	6,849	6,850	<b>5.61</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
69	7,402	7,402	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
70	7,716	7,716	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
71	8,239	8,240	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
72	8,691	8,691	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
73	7,681	7,682	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
74	6,913	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
75	7,517	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
76	7,897	7,897	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
77	9,683	9,684	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
78	8,715	8,715	<b>2.23</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
79	10,314	10,314	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,711	11,711	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
81	11,909	11,909	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
82	12,138	12,139	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
83	13,199	13,199	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
84	13,637	13,637	<b>-3.94</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
85	13,932	13,932	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
86	14,315	14,315	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
87	12,145	12,145	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
88	12,105	12,105	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
89	12,749	12,749	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
90	12,948	12,948	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
91	13,241	13,241	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
92	13,514	13,514	<b>-3.81</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
93	13,518	13,518	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
94	11,979	11,980	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
95	12,155	12,155	<b>-2.37</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
96	12,843	12,843	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
97	14,147	14,147	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
98	14,010	14,010	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
99	14,277	14,277	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
100	14,658	14,658	<b>-4.91</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 23.77

- Data undefined due to calculation with octave data

### Noise sensitive area: H420 H420

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,374	8,374	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
2	8,911	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
3	8,738	8,738	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
4	6,996	6,996	<b>5.31</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
5	7,133	7,133	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
6	8,130	8,130	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
7	8,430	8,430	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
8	8,982	8,982	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
9	8,038	8,038	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
10	8,346	8,346	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
11	9,836	9,836	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
12	8,824	8,824	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
13	9,528	9,528	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
14	10,438	10,438	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
15	10,040	10,040	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	8,202	8,202	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
17	9,453	9,453	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
18	10,060	10,061	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
19	8,918	8,919	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
20	10,419	10,419	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
21	10,726	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
22	6,005	6,005	<b>7.46</b>	105.0	0.00	86.57	-	-	0.00	0.00	-	0.00
23	5,356	5,357	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
24	7,551	7,551	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
25	7,697	7,697	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
26	8,249	8,249	<b>3.00</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
27	8,828	8,828	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
28	8,787	8,787	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
29	9,725	9,725	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
30	10,148	10,149	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,635	10,635	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
32	9,682	9,683	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
33	11,705	11,705	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
34	12,160	12,160	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
35	5,042	5,043	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
36	5,511	5,511	<b>8.66</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
37	4,795	4,795	<b>10.60</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
38	5,179	5,179	<b>9.53</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
39	5,984	5,984	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
40	6,901	6,901	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
41	7,142	7,142	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
42	8,257	8,257	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
43	8,864	8,864	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
44	7,572	7,572	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
45	7,959	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
46	7,528	7,528	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
47	9,461	9,461	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
48	9,954	9,954	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
49	10,360	10,360	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
50	9,956	9,957	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
51	10,289	10,289	<b>-0.08</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
52	10,651	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
53	11,205	11,205	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
54	12,577	12,577	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
55	4,493	4,493	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
56	4,861	4,862	<b>10.41</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
57	5,281	5,282	<b>9.25</b>	105.0	0.00	85.46	-	-	0.00	0.00	-	0.00
58	5,797	5,797	<b>7.95</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
59	7,428	7,428	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
60	7,779	7,779	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
61	8,500	8,500	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
62	8,096	8,096	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
63	8,473	8,473	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
64	9,188	9,188	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
65	9,507	9,507	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
66	4,864	4,864	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
67	6,970	6,970	<b>5.36</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
68	6,845	6,845	<b>5.62</b>	105.0	0.00	87.71	-	-	0.00	0.00	-	0.00
69	7,398	7,398	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
70	7,713	7,713	<b>3.94</b>	105.0	0.00	88.74	-	-	0.00	0.00	-	0.00
71	8,236	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
72	8,687	8,687	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
73	7,677	7,677	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
74	6,906	6,907	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
75	7,511	7,511	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
76	7,890	7,891	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
77	9,678	9,678	<b>0.77</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
78	8,708	8,708	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
79	10,307	10,307	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
80	11,705	11,705	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
81	11,902	11,903	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
82	12,132	12,132	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
83	13,193	13,193	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
84	13,631	13,631	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
85	13,926	13,926	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
86	14,309	14,309	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00
87	12,137	12,137	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
88	12,098	12,098	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
89	12,742	12,742	<b>-3.02</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,941	12,941	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
91	13,234	13,234	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
92	13,507	13,507	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
93	13,512	13,512	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
94	11,970	11,971	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
95	12,146	12,147	<b>-2.36</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
96	12,834	12,834	<b>-3.11</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
97	14,139	14,139	<b>-4.42</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
98	14,002	14,002	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
99	14,269	14,269	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
100	14,650	14,650	<b>-4.90</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00

Sum 23.77

- Data undefined due to calculation with octave data

### Noise sensitive area: H421 H421

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,396	8,396	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
2	8,935	8,935	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
3	8,765	8,765	<b>2.15</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
4	7,019	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
5	7,160	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
6	8,161	8,162	<b>3.15</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
7	8,464	8,464	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
8	9,019	9,019	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
9	8,076	8,076	<b>3.29</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
10	8,385	8,385	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
11	9,881	9,882	<b>0.48</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
12	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
13	9,576	9,576	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
14	10,487	10,487	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
15	10,093	10,093	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
16	8,252	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
17	9,507	9,507	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
18	10,117	10,117	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
19	8,975	8,975	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
20	10,478	10,478	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
21	10,786	10,786	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
22	6,055	6,056	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
23	5,412	5,413	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
24	7,610	7,610	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
25	7,759	7,759	<b>3.86</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
26	8,310	8,310	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
27	8,891	8,891	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
28	8,852	8,852	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
29	9,788	9,789	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
30	10,213	10,213	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
31	10,700	10,700	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
32	9,748	9,748	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
33	11,772	11,772	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
34	12,227	12,227	<b>-2.45</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
35	5,104	5,105	<b>9.73</b>	105.0	0.00	85.16	-	-	0.00	0.00	-	0.00
36	5,574	5,574	<b>8.50</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
37	4,861	4,861	<b>10.41</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
38	5,245	5,246	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
39	6,050	6,050	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
40	6,966	6,966	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,209	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
42	8,323	8,323	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
43	8,930	8,930	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
44	7,639	7,639	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
45	8,027	8,027	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
46	7,596	7,596	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
47	9,529	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
48	10,022	10,022	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
49	10,428	10,428	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
50	10,025	10,025	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
51	10,358	10,358	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
52	10,720	10,720	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
53	11,272	11,272	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
54	12,645	12,645	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
55	4,562	4,563	<b>11.28</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
56	4,931	4,932	<b>10.21</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
57	5,351	5,352	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
58	5,867	5,867	<b>7.79</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
59	7,498	7,498	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
60	7,849	7,849	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
61	8,569	8,569	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
62	8,166	8,166	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
63	8,543	8,543	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
64	9,257	9,257	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
65	9,577	9,577	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
66	4,933	4,934	<b>10.20</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
67	7,039	7,039	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
68	6,913	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
69	7,467	7,467	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
70	7,782	7,782	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
71	8,305	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
72	8,756	8,757	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
73	7,745	7,745	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
74	6,970	6,971	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
75	7,574	7,575	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
76	7,955	7,955	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
77	9,745	9,745	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
78	8,771	8,771	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
79	10,370	10,370	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
80	11,772	11,772	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
81	11,967	11,967	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
82	12,198	12,198	<b>-2.42</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
83	13,260	13,260	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
84	13,697	13,697	<b>-3.99</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
85	13,992	13,992	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
86	14,375	14,375	<b>-4.65</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
87	12,196	12,196	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
88	12,161	12,161	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
89	12,804	12,805	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
90	13,004	13,004	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
91	13,296	13,296	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
92	13,569	13,569	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
93	13,576	13,576	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
94	12,025	12,026	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
95	12,203	12,203	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
96	12,890	12,890	<b>-3.17</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
97	14,198	14,198	<b>-4.48</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
98	14,063	14,063	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
99	14,331	14,331	<b>-4.60</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
100	14,710	14,710	<b>-4.95</b>	105.0	0.00	94.35	-	-	0.00	0.00	-	0.00

Sum 23.64

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H422 H422

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,344	8,344	<b>2.84</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
	2	8,880	8,880	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
	3	8,705	8,705	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
	4	6,965	6,965	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
	5	7,100	7,100	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
	6	8,095	8,095	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
	7	8,393	8,393	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
	8	8,943	8,943	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
	9	7,999	7,999	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
	10	8,306	8,307	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
	11	9,795	9,795	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
	12	8,782	8,782	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
	13	9,485	9,485	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
	14	10,396	10,396	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
	15	9,996	9,996	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
	16	8,159	8,159	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
	17	9,409	9,409	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
	18	10,015	10,015	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	19	8,873	8,873	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
	20	10,373	10,373	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	21	10,680	10,680	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
	22	5,961	5,962	<b>7.56</b>	105.0	0.00	86.51	-	-	0.00	0.00	-	0.00
	23	5,311	5,312	<b>9.18</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
	24	7,505	7,505	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
	25	7,651	7,651	<b>4.05</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
	26	8,203	8,203	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
	27	8,782	8,782	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
	28	8,741	8,741	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
	29	9,678	9,678	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
	30	10,102	10,102	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
	31	10,588	10,588	<b>-0.48</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
	32	9,636	9,636	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
	33	11,659	11,659	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
	34	12,113	12,113	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
	35	4,996	4,996	<b>10.03</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
	36	5,464	5,464	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
	37	4,748	4,749	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
	38	5,132	5,133	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
	39	5,938	5,938	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
	40	6,854	6,855	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
	41	7,095	7,096	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
	42	8,210	8,210	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
	43	8,817	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
	44	7,526	7,526	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
	45	7,913	7,913	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
	46	7,482	7,482	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
	47	9,415	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	48	9,908	9,908	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
	49	10,314	10,314	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
	50	9,911	9,911	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
	51	10,244	10,244	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
	52	10,606	10,606	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
	53	11,158	11,159	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
	54	12,531	12,531	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
	55	4,448	4,449	<b>11.63</b>	105.0	0.00	83.96	-	-	0.00	0.00	-	0.00
	56	4,817	4,818	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
	57	5,237	5,238	<b>9.37</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
	58	5,753	5,753	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
	59	7,384	7,384	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
61	8,455	8,455	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
62	8,053	8,053	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
63	8,429	8,430	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
64	9,143	9,143	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
65	9,462	9,462	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
66	4,823	4,823	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
67	6,930	6,931	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
68	6,807	6,807	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
69	7,358	7,358	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
70	7,672	7,673	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
71	8,195	8,196	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
72	8,648	8,648	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
73	7,639	7,639	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
74	6,875	6,875	<b>5.56</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
75	7,479	7,479	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
76	7,858	7,859	<b>3.68</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
77	9,642	9,643	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
78	8,677	8,678	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
79	10,275	10,276	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
80	11,670	11,670	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
81	11,870	11,870	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
82	12,099	12,099	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
83	13,158	13,158	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
84	13,597	13,597	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
85	13,892	13,892	<b>-4.19</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
86	14,274	14,274	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
87	12,110	12,110	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
88	12,067	12,067	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
89	12,712	12,712	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
90	12,910	12,910	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
91	13,204	13,205	<b>-3.50</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
92	13,476	13,477	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
93	13,479	13,479	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
94	11,948	11,948	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
95	12,123	12,123	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
96	12,810	12,811	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
97	14,112	14,113	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
98	13,974	13,974	<b>-4.26</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
99	14,240	14,240	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
100	14,622	14,623	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00

Sum 23.86

- Data undefined due to calculation with octave data

### Noise sensitive area: H423 H423

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,361	8,361	<b>2.81</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
2	8,897	8,897	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
3	8,721	8,721	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
4	6,982	6,982	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
5	7,116	7,117	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
6	8,111	8,111	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
7	8,409	8,409	<b>2.73</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
8	8,959	8,959	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
9	8,015	8,015	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
10	8,322	8,322	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,809	9,809	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
12	8,796	8,796	<b>2.10</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
13	9,499	9,499	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
14	10,409	10,409	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
15	10,008	10,008	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
16	8,172	8,172	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
17	9,421	9,421	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
18	10,027	10,027	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
19	8,885	8,885	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
20	10,383	10,383	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
21	10,691	10,691	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
22	5,974	5,975	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
23	5,323	5,324	<b>9.14</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
24	7,516	7,516	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
25	7,661	7,661	<b>4.04</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
26	8,213	8,213	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
27	8,791	8,791	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
28	8,749	8,749	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
29	9,687	9,687	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
30	10,110	10,110	<b>0.16</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
31	10,597	10,597	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
32	9,644	9,644	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
33	11,666	11,666	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
34	12,120	12,120	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
35	5,006	5,006	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
36	5,473	5,473	<b>8.76</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
37	4,756	4,756	<b>10.71</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
38	5,140	5,140	<b>9.63</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
39	5,945	5,946	<b>7.60</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
40	6,863	6,863	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
41	7,102	7,102	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
42	8,218	8,218	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
43	8,824	8,824	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
44	7,533	7,533	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
45	7,919	7,919	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
46	7,487	7,487	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
47	9,421	9,422	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
48	9,914	9,915	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
49	10,320	10,320	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
50	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
51	10,249	10,249	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
52	10,611	10,611	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
53	11,165	11,165	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
54	12,536	12,537	<b>-2.80</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
55	4,452	4,452	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
56	4,820	4,821	<b>10.52</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
57	5,240	5,241	<b>9.36</b>	105.0	0.00	85.39	-	-	0.00	0.00	-	0.00
58	5,756	5,756	<b>8.05</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
59	7,387	7,387	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
60	7,738	7,738	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
61	8,459	8,459	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
62	8,055	8,055	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
63	8,432	8,432	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
64	9,147	9,147	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
65	9,467	9,467	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
66	4,823	4,824	<b>10.51</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
67	6,929	6,930	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
68	6,805	6,805	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
69	7,357	7,358	<b>4.60</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,672	7,672	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
71	8,195	8,196	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
72	8,647	8,647	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
73	7,637	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
74	6,870	6,870	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
75	7,474	7,474	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
76	7,853	7,854	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
77	9,639	9,639	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
78	8,672	8,672	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
79	10,270	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
80	11,666	11,667	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
81	11,865	11,865	<b>-2.04</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
82	12,094	12,095	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
83	13,154	13,154	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
84	13,593	13,593	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
85	13,888	13,888	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
86	14,270	14,271	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
87	12,102	12,103	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
88	12,061	12,061	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
89	12,706	12,706	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
90	12,904	12,904	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
91	13,198	13,198	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
92	13,471	13,471	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
93	13,474	13,474	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
94	11,939	11,939	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
95	12,114	12,114	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
96	12,802	12,802	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
97	14,105	14,105	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
98	13,967	13,967	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
99	14,234	14,234	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
100	14,615	14,615	<b>-4.87</b>	105.0	0.00	94.30	-	-	0.00	0.00	-	0.00

Sum 23.85

- Data undefined due to calculation with octave data

### Noise sensitive area: H424 H424

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,338	8,338	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
2	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
3	8,692	8,692	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
4	6,957	6,957	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
5	7,087	7,087	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
6	8,077	8,078	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
7	8,372	8,372	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
8	8,919	8,919	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
9	7,974	7,974	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
10	8,280	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
11	9,761	9,762	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
12	8,746	8,746	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
13	9,448	9,448	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
14	10,358	10,358	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
15	9,953	9,953	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
16	8,120	8,120	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
17	9,365	9,365	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
18	9,969	9,969	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
19	8,826	8,826	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
20	10,322	10,322	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,629	10,629	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
22	5,922	5,922	<b>7.66</b>	105.0	0.00	86.45	-	-	0.00	0.00	-	0.00
23	5,266	5,266	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
24	7,455	7,455	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
25	7,597	7,597	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
26	8,150	8,150	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
27	8,726	8,726	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
28	8,682	8,682	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
29	9,622	9,622	<b>0.85</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
30	10,044	10,044	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
31	10,530	10,530	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
32	9,576	9,576	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
33	11,598	11,598	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
34	12,051	12,051	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
35	4,941	4,942	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
36	5,408	5,408	<b>8.93</b>	105.0	0.00	85.66	-	-	0.00	0.00	-	0.00
37	4,688	4,689	<b>10.91</b>	105.0	0.00	84.42	-	-	0.00	0.00	-	0.00
38	5,071	5,072	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
39	5,878	5,878	<b>7.76</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
40	6,796	6,797	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
41	7,033	7,033	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
42	8,150	8,150	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
43	8,756	8,756	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
44	7,464	7,464	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
45	7,850	7,850	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
46	7,417	7,417	<b>4.49</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
47	9,352	9,352	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
48	9,845	9,845	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
49	10,251	10,251	<b>-0.03</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
50	9,845	9,846	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
51	10,178	10,179	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
52	10,541	10,541	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
53	11,095	11,095	<b>-1.13</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
54	12,467	12,467	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
55	4,381	4,381	<b>11.84</b>	105.0	0.00	83.83	-	-	0.00	0.00	-	0.00
56	4,749	4,750	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
57	5,169	5,170	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
58	5,685	5,685	<b>8.23</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
59	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
60	7,667	7,667	<b>4.02</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
61	8,388	8,388	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
62	7,984	7,984	<b>3.45</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
63	8,361	8,361	<b>2.81</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
64	9,076	9,076	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
65	9,396	9,396	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
66	4,753	4,753	<b>10.72</b>	105.0	0.00	84.54	-	-	0.00	0.00	-	0.00
67	6,860	6,860	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
68	6,736	6,737	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
69	7,288	7,288	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
70	7,602	7,602	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
71	8,125	8,125	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
72	8,577	8,578	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
73	7,568	7,569	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
74	6,806	6,807	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
75	7,411	7,411	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
76	7,790	7,790	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
77	9,572	9,573	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
78	8,609	8,610	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
79	10,207	10,207	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,600	11,600	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
81	11,801	11,801	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
82	12,029	12,030	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
83	13,088	13,088	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
84	13,528	13,528	<b>-3.83</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
85	13,822	13,822	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
86	14,205	14,205	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
87	12,044	12,044	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
88	11,999	11,999	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
89	12,644	12,644	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
90	12,841	12,841	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
91	13,137	13,137	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
92	13,409	13,409	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
93	13,410	13,410	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
94	11,885	11,886	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
95	12,059	12,059	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
96	12,747	12,747	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
97	14,047	14,047	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
98	13,907	13,908	<b>-4.20</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
99	14,173	14,173	<b>-4.45</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
100	14,556	14,557	<b>-4.81</b>	105.0	0.00	94.26	-	-	0.00	0.00	-	0.00

Sum 23.99

- Data undefined due to calculation with octave data

### Noise sensitive area: H425 H425

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,324	8,324	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
2	8,855	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
3	8,673	8,674	<b>2.29</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
4	6,942	6,943	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
5	7,069	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
6	8,055	8,056	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
7	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
8	8,891	8,892	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
9	7,946	7,946	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
10	8,251	8,251	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
11	9,728	9,728	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
12	8,710	8,710	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
13	9,411	9,411	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
14	10,321	10,321	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
15	9,912	9,912	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
16	8,082	8,082	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
17	9,323	9,323	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
18	9,925	9,925	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
19	8,783	8,783	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
20	10,275	10,275	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
21	10,582	10,582	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
22	5,883	5,884	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
23	5,223	5,224	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
24	7,409	7,409	<b>4.51</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
25	7,548	7,548	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
26	8,103	8,103	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
27	8,676	8,677	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
28	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
29	9,571	9,571	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
30	9,993	9,993	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,478	10,478	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
32	9,524	9,524	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
33	11,545	11,545	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
34	11,997	11,997	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
35	4,893	4,893	<b>10.32</b>	105.0	0.00	84.79	-	-	0.00	0.00	-	0.00
36	5,358	5,358	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
37	4,636	4,636	<b>11.06</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
38	5,018	5,019	<b>9.96</b>	105.0	0.00	85.01	-	-	0.00	0.00	-	0.00
39	5,825	5,826	<b>7.89</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
40	6,745	6,745	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
41	6,979	6,979	<b>5.35</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
42	8,098	8,098	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
43	8,703	8,703	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
44	7,411	7,411	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
45	7,795	7,796	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
46	7,362	7,362	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
47	9,298	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
48	9,791	9,791	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
49	10,197	10,197	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
50	9,790	9,790	<b>0.61</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
51	10,123	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
52	10,486	10,486	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
53	11,041	11,041	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
54	12,412	12,412	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
55	4,324	4,325	<b>12.01</b>	105.0	0.00	83.72	-	-	0.00	0.00	-	0.00
56	4,692	4,693	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
57	5,113	5,113	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
58	5,628	5,629	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
59	7,259	7,260	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
60	7,611	7,611	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
61	8,332	8,332	<b>2.86</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
62	7,927	7,928	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
63	8,304	8,304	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
64	9,019	9,019	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
65	9,340	9,340	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
66	4,696	4,696	<b>10.88</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
67	6,803	6,804	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
68	6,680	6,681	<b>5.96</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
69	7,231	7,231	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
70	7,545	7,546	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
71	8,068	8,069	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
72	8,521	8,521	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
73	7,512	7,513	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
74	6,754	6,754	<b>5.81</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
75	7,358	7,358	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
76	7,736	7,737	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
77	9,517	9,517	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
78	8,557	8,557	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
79	10,154	10,154	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
80	11,545	11,545	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
81	11,747	11,747	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
82	11,975	11,975	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
83	13,032	13,033	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
84	13,473	13,474	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
85	13,768	13,768	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
86	14,150	14,150	<b>-4.43</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
87	11,994	11,994	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
88	11,946	11,946	<b>-2.14</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
89	12,592	12,592	<b>-2.86</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,788	12,789	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
91	13,085	13,086	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
92	13,357	13,357	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
93	13,356	13,356	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
94	11,839	11,839	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
95	12,012	12,012	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
96	12,700	12,700	<b>-2.97</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
97	13,997	13,998	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
98	13,857	13,857	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
99	14,121	14,122	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
100	14,506	14,506	<b>-4.77</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00

Sum 24.10

- Data undefined due to calculation with octave data

## Noise sensitive area: H426 H426

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,160	8,160	<b>3.15</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
2	8,687	8,688	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
3	8,501	8,502	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
4	6,776	6,777	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
5	6,898	6,898	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
6	7,879	7,880	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
7	8,169	8,169	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
8	8,710	8,710	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
9	7,764	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
10	8,068	8,068	<b>3.31</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
11	9,542	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
12	8,524	8,524	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
13	9,225	9,225	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
14	10,135	10,135	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
15	9,727	9,727	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
16	7,896	7,897	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
17	9,138	9,138	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
18	9,741	9,741	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
19	8,599	8,599	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
20	10,094	10,094	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
21	10,402	10,402	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
22	5,697	5,698	<b>8.20</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
23	5,039	5,039	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
24	7,227	7,228	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
25	7,371	7,371	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
26	7,924	7,924	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
27	8,501	8,501	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
28	8,460	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
29	9,398	9,398	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
30	9,821	9,821	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
31	10,308	10,308	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
32	9,356	9,356	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
33	11,380	11,380	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
34	11,836	11,836	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
35	4,716	4,716	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
36	5,184	5,184	<b>9.52</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
37	4,469	4,469	<b>11.56</b>	105.0	0.00	84.01	-	-	0.00	0.00	-	0.00
38	4,854	4,854	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
39	5,658	5,658	<b>8.29</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
40	6,574	6,574	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,818	6,819	<b>5.67</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
42	7,931	7,931	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
43	8,539	8,539	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
44	7,247	7,247	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
45	7,637	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
46	7,208	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
47	9,138	9,139	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
48	9,632	9,632	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
49	10,037	10,037	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
50	9,640	9,640	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
51	9,971	9,972	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
52	10,333	10,333	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
53	10,882	10,882	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
54	12,256	12,256	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
55	4,184	4,185	<b>12.46</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
56	4,559	4,560	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
57	4,974	4,975	<b>10.09</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
58	5,491	5,491	<b>8.71</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
59	7,122	7,122	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
60	7,472	7,472	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
61	8,187	8,188	<b>3.10</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
62	7,795	7,795	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
63	8,171	8,171	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
64	8,878	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
65	9,195	9,195	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
66	4,586	4,586	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
67	6,701	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
68	6,585	6,586	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
69	7,127	7,128	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
70	7,437	7,438	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
71	7,958	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
72	8,417	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
73	7,420	7,420	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
74	6,696	6,697	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
75	7,300	7,300	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
76	7,676	7,676	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
77	9,437	9,437	<b>1.12</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
78	8,503	8,504	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
79	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
80	11,467	11,467	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
81	11,681	11,681	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
82	11,906	11,906	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
83	12,951	12,952	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
84	13,402	13,402	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
85	13,694	13,694	<b>-3.99</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
86	14,075	14,075	<b>-4.36</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
87	11,959	11,959	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
88	11,891	11,891	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
89	12,540	12,541	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
90	12,731	12,731	<b>-3.00</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
91	13,037	13,037	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
92	13,304	13,304	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
93	13,291	13,291	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
94	11,825	11,825	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
95	11,992	11,992	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
96	12,681	12,681	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
97	13,963	13,964	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
98	13,815	13,815	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
99	14,074	14,074	<b>-4.36</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
100	14,468	14,468	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00

Sum 24.43

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H427 H427

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,228	8,228	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
	2	8,735	8,735	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
	3	8,523	8,524	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
	4	6,838	6,839	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
	5	6,928	6,929	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
	6	7,871	7,871	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
	7	8,134	8,134	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
	8	8,647	8,647	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
	9	7,697	7,697	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
	10	7,989	7,989	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
	11	9,410	9,410	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
	12	8,375	8,375	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
	13	9,065	9,065	<b>1.68</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
	14	9,971	9,971	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
	15	9,518	9,518	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
	16	7,726	7,726	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	17	8,923	8,923	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
	18	9,501	9,501	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
	19	8,359	8,359	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
	20	9,819	9,819	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
	21	10,123	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
	22	5,526	5,526	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
	23	4,818	4,819	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
	24	6,960	6,961	<b>5.38</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
	25	7,068	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
	26	7,634	7,635	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
	27	8,185	8,185	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
	28	8,118	8,118	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
	29	9,072	9,072	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
	30	9,484	9,484	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
	31	9,963	9,963	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
	32	9,005	9,005	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
	33	11,015	11,015	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
	34	11,456	11,456	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
	35	4,418	4,419	<b>11.72</b>	105.0	0.00	83.91	-	-	0.00	0.00	-	0.00
	36	4,866	4,867	<b>10.39</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
	37	4,118	4,118	<b>12.68</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
	38	4,492	4,493	<b>11.49</b>	105.0	0.00	84.05	-	-	0.00	0.00	-	0.00
	39	5,306	5,306	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
	40	6,238	6,238	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
	41	6,440	6,440	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
	42	7,574	7,574	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
	43	8,170	8,170	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
	44	6,878	6,879	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
	45	7,250	7,251	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
	46	6,808	6,808	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
	47	8,754	8,754	<b>2.16</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
	48	9,245	9,246	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
	49	9,653	9,653	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
	50	9,228	9,229	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
	51	9,564	9,564	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
	52	9,929	9,929	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
	53	10,496	10,496	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
	54	11,861	11,861	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
	55	3,753	3,754	<b>13.92</b>	105.0	0.00	82.49	-	-	0.00	0.00	-	0.00
	56	4,116	4,116	<b>12.68</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
	57	4,540	4,541	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
	58	5,054	5,055	<b>9.87</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
	59	6,685	6,686	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,037	7,038	<b>5.23</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
61	7,764	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
62	7,350	7,350	<b>4.62</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
63	7,727	7,727	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
64	8,448	8,448	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
65	8,772	8,772	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
66	4,114	4,115	<b>12.69</b>	105.0	0.00	83.29	-	-	0.00	0.00	-	0.00
67	6,224	6,224	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
68	6,104	6,104	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
69	6,651	6,651	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
70	6,964	6,964	<b>5.38</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
71	7,487	7,487	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
72	7,941	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
73	6,937	6,938	<b>5.43</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
74	6,211	6,212	<b>6.98</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
75	6,815	6,815	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
76	7,190	7,190	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
77	8,951	8,951	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
78	8,019	8,019	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
79	9,612	9,612	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
80	10,981	10,981	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
81	11,195	11,195	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
82	11,419	11,419	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
83	12,466	12,466	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
84	12,915	12,915	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
85	13,207	13,207	<b>-3.50</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
86	13,588	13,589	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
87	11,482	11,482	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
88	11,406	11,406	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
89	12,057	12,057	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
90	12,245	12,246	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
91	12,554	12,554	<b>-2.81</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
92	12,820	12,820	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
93	12,804	12,804	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
94	11,362	11,362	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
95	11,525	11,525	<b>-1.65</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
96	12,215	12,215	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
97	13,487	13,487	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
98	13,335	13,335	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
99	13,592	13,592	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
100	13,989	13,990	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00

Sum 25.28

- Data undefined due to calculation with octave data

### Noise sensitive area: H428 H428

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,420	8,420	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
2	8,920	8,920	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
3	8,700	8,701	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
4	7,030	7,030	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
5	7,110	7,110	<b>5.09</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
6	8,038	8,038	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
7	8,291	8,291	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
8	8,792	8,793	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
9	7,842	7,842	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
10	8,129	8,129	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,527	9,527	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
12	8,484	8,484	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
13	9,168	9,168	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
14	10,071	10,071	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
15	9,597	9,597	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
16	7,826	7,826	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
17	8,999	8,999	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
18	9,563	9,563	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
19	8,422	8,422	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
20	9,860	9,860	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
21	10,162	10,162	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
22	5,629	5,629	<b>8.37</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
23	4,898	4,899	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
24	7,010	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
25	7,096	7,096	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
26	7,669	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
27	8,202	8,202	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
28	8,117	8,117	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
29	9,082	9,082	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
30	9,486	9,486	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
31	9,959	9,959	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
32	8,996	8,996	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
33	10,995	10,995	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
34	11,425	11,425	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
35	4,454	4,455	<b>11.61</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
36	4,889	4,889	<b>10.33</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
37	4,119	4,119	<b>12.67</b>	105.0	0.00	83.30	-	-	0.00	0.00	-	0.00
38	4,484	4,484	<b>11.52</b>	105.0	0.00	84.03	-	-	0.00	0.00	-	0.00
39	5,302	5,302	<b>9.20</b>	105.0	0.00	85.49	-	-	0.00	0.00	-	0.00
40	6,244	6,245	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
41	6,414	6,414	<b>6.53</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
42	7,564	7,564	<b>4.21</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
43	8,150	8,150	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
44	6,859	6,860	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
45	7,217	7,217	<b>4.88</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
46	6,762	6,762	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
47	8,721	8,721	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
48	9,210	9,210	<b>1.46</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
49	9,618	9,618	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
50	9,171	9,171	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
51	9,511	9,511	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
52	9,877	9,877	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
53	10,459	10,459	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
54	11,818	11,818	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
55	3,685	3,686	<b>14.17</b>	105.0	0.00	82.33	-	-	0.00	0.00	-	0.00
56	4,032	4,032	<b>12.96</b>	105.0	0.00	83.11	-	-	0.00	0.00	-	0.00
57	4,467	4,467	<b>11.57</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
58	4,977	4,977	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
59	6,605	6,606	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
60	6,958	6,959	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
61	7,696	7,696	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
62	7,259	7,259	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
63	7,637	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
64	8,372	8,373	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
65	8,704	8,704	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
66	3,990	3,990	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
67	6,085	6,085	<b>7.27</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
68	5,955	5,956	<b>7.58</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
69	6,515	6,515	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,833	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
71	7,358	7,359	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
72	7,804	7,804	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
73	6,786	6,786	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
74	6,021	6,022	<b>7.42</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
75	6,625	6,626	<b>6.08</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
76	7,003	7,004	<b>5.30</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
77	8,784	8,785	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
78	7,826	7,826	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
79	9,422	9,422	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
80	10,812	10,812	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
81	11,013	11,013	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
82	11,241	11,241	<b>-1.30</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
83	12,300	12,300	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
84	12,739	12,739	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
85	13,034	13,034	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
86	13,416	13,416	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
87	11,275	11,275	<b>-1.35</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
88	11,215	11,215	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
89	11,862	11,862	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
90	12,056	12,056	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
91	12,357	12,357	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
92	12,626	12,627	<b>-2.89</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
93	12,622	12,622	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
94	11,142	11,142	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
95	11,307	11,308	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
96	11,997	11,997	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
97	13,279	13,279	<b>-3.58</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
98	13,133	13,133	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
99	13,394	13,394	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
100	13,785	13,785	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00

Sum 25.37

- Data undefined due to calculation with octave data

### Noise sensitive area: H429 H429

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,494	8,494	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
2	8,995	8,995	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
3	8,777	8,777	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
4	7,104	7,104	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
5	7,185	7,185	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
6	8,115	8,115	<b>3.23</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
7	8,369	8,369	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
8	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
9	7,921	7,921	<b>3.57</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
10	8,208	8,208	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
11	9,606	9,606	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
12	8,562	8,563	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
13	9,246	9,246	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
14	10,149	10,149	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
15	9,674	9,674	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
16	7,904	7,904	<b>3.60</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
17	9,076	9,076	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
18	9,639	9,639	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
19	8,498	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
20	9,933	9,933	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
22	5,708	5,708	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
23	4,976	4,976	<b>10.08</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
24	7,084	7,084	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
25	7,168	7,168	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
26	7,742	7,742	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
27	8,272	8,272	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
28	8,184	8,184	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
29	9,151	9,151	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
30	9,553	9,553	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
31	10,025	10,025	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
32	9,062	9,062	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
33	11,058	11,058	<b>-1.08</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
34	11,486	11,486	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
35	4,528	4,528	<b>11.38</b>	105.0	0.00	84.12	-	-	0.00	0.00	-	0.00
36	4,960	4,960	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
37	4,187	4,187	<b>12.45</b>	105.0	0.00	83.44	-	-	0.00	0.00	-	0.00
38	4,550	4,551	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
39	5,369	5,370	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
40	6,313	6,313	<b>6.76</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
41	6,477	6,477	<b>6.40</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
42	7,629	7,629	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
43	8,213	8,213	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
44	6,924	6,924	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
45	7,278	7,278	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
46	6,821	6,821	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
47	8,782	8,782	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
48	9,270	9,270	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
49	9,679	9,679	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
50	9,226	9,227	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
51	9,567	9,567	<b>0.93</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
52	9,934	9,934	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
53	10,519	10,520	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
54	11,876	11,876	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
55	3,739	3,740	<b>13.97</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
56	4,082	4,082	<b>12.80</b>	105.0	0.00	83.22	-	-	0.00	0.00	-	0.00
57	4,519	4,520	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
58	5,028	5,028	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
59	6,656	6,656	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
60	7,009	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
61	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
62	7,306	7,306	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
63	7,685	7,685	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
64	8,424	8,424	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
65	8,757	8,758	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
66	4,027	4,028	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
67	6,117	6,117	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
68	5,983	5,984	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
69	6,547	6,548	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
70	6,868	6,868	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
71	7,394	7,394	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
72	7,836	7,836	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
73	6,812	6,813	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
74	6,031	6,031	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
75	6,635	6,635	<b>6.06</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
76	7,014	7,014	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
77	8,804	8,805	<b>2.08</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
78	7,833	7,834	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
79	9,431	9,431	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,831	10,831	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
81	11,026	11,026	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
82	11,256	11,256	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
83	12,320	12,320	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
84	12,755	12,755	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
85	13,050	13,051	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
86	13,433	13,433	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
87	11,273	11,274	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
88	11,223	11,223	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
89	11,868	11,869	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
90	12,065	12,065	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
91	12,362	12,362	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
92	12,633	12,633	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
93	12,635	12,635	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
94	11,131	11,131	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
95	11,299	11,300	<b>-1.38</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
96	11,988	11,989	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
97	13,277	13,277	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
98	13,134	13,134	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
99	13,398	13,398	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
100	13,785	13,785	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00

Sum 25.24

- Data undefined due to calculation with octave data

### Noise sensitive area: H430 H430

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,519	8,519	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
2	9,020	9,020	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
3	8,801	8,801	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
4	7,129	7,129	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
5	7,209	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
6	8,138	8,138	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
7	8,391	8,391	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
8	8,893	8,893	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
9	7,942	7,942	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
10	8,229	8,229	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
11	9,625	9,625	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
12	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
13	9,264	9,264	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
14	10,167	10,167	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
15	9,690	9,690	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
16	7,922	7,922	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
17	9,091	9,091	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
18	9,653	9,653	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
19	8,513	8,513	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
20	9,946	9,946	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
21	10,247	10,247	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
22	5,726	5,726	<b>8.13</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
23	4,992	4,992	<b>10.04</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
24	7,097	7,097	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
25	7,179	7,179	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
26	7,754	7,754	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
27	8,282	8,282	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
28	8,192	8,192	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
29	9,160	9,160	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
30	9,562	9,562	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,033	10,033	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
32	9,070	9,070	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
33	11,064	11,064	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
34	11,491	11,491	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
35	4,540	4,540	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
36	4,971	4,971	<b>10.10</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
37	4,196	4,196	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
38	4,558	4,558	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
39	5,377	5,378	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
40	6,322	6,322	<b>6.74</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
41	6,482	6,483	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
42	7,636	7,636	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
43	8,219	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
44	6,930	6,930	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
45	7,282	7,282	<b>4.75</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
46	6,824	6,824	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
47	8,787	8,787	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
48	9,275	9,275	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
49	9,683	9,684	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
50	9,228	9,228	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
51	9,569	9,569	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
52	9,937	9,937	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
53	10,524	10,524	<b>-0.40</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
54	11,880	11,880	<b>-2.06</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
55	3,740	3,741	<b>13.97</b>	105.0	0.00	82.46	-	-	0.00	0.00	-	0.00
56	4,081	4,082	<b>12.80</b>	105.0	0.00	83.22	-	-	0.00	0.00	-	0.00
57	4,520	4,520	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
58	5,028	5,028	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
59	6,655	6,655	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
60	7,009	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
61	7,750	7,751	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
62	7,304	7,304	<b>4.70</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
63	7,683	7,683	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
64	8,423	8,424	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
65	8,758	8,758	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
66	4,022	4,023	<b>12.99</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
67	6,109	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
68	5,975	5,975	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
69	6,540	6,540	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
70	6,861	6,862	<b>5.59</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
71	7,387	7,388	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
72	7,828	7,829	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
73	6,803	6,803	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
74	6,016	6,016	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
75	6,620	6,621	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
76	7,000	7,000	<b>5.30</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
77	8,793	8,793	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
78	7,818	7,819	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
79	9,416	9,417	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
80	10,819	10,819	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
81	11,012	11,012	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
82	11,243	11,243	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
83	12,308	12,308	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
84	12,742	12,742	<b>-3.02</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
85	13,038	13,038	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
86	13,421	13,421	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
87	11,256	11,256	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
88	11,208	11,208	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
89	11,853	11,853	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,051	12,051	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
91	12,346	12,346	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
92	12,617	12,618	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
93	12,621	12,621	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
94	11,111	11,111	<b>-1.14</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
95	11,280	11,280	<b>-1.35</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
96	11,969	11,969	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
97	13,260	13,260	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
98	13,118	13,118	<b>-3.41</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
99	13,382	13,382	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
100	13,767	13,768	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 25.23

- Data undefined due to calculation with octave data

## Noise sensitive area: H431 H431

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,552	8,552	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
2	9,054	9,055	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
3	8,837	8,837	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
4	7,162	7,162	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
5	7,245	7,245	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
6	8,177	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
7	8,432	8,432	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
8	8,935	8,935	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
9	7,984	7,985	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
10	8,272	8,272	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
11	9,670	9,670	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
12	8,627	8,627	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
13	9,311	9,311	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
14	10,214	10,214	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
15	9,738	9,738	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
16	7,969	7,969	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
17	9,140	9,140	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
18	9,702	9,703	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
19	8,562	8,562	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
20	9,996	9,996	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
21	10,297	10,297	<b>-0.10</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
22	5,772	5,773	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
23	5,040	5,041	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
24	7,147	7,147	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
25	7,229	7,229	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
26	7,804	7,804	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
27	8,332	8,333	<b>2.86</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
28	8,243	8,243	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
29	9,211	9,211	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
30	9,612	9,612	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
31	10,083	10,083	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
32	9,120	9,120	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
33	11,114	11,114	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
34	11,540	11,540	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
35	4,590	4,591	<b>11.20</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
36	5,021	5,022	<b>9.96</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
37	4,246	4,247	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
38	4,608	4,609	<b>11.14</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
39	5,428	5,428	<b>8.87</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
40	6,373	6,373	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,532	6,533	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
42	7,687	7,687	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
43	8,269	8,270	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
44	6,980	6,980	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
45	7,332	7,332	<b>4.65</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
46	6,873	6,874	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
47	8,836	8,836	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
48	9,324	9,324	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
49	9,733	9,733	<b>0.69</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
50	9,277	9,277	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
51	9,618	9,618	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
52	9,985	9,985	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
53	10,573	10,573	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
54	11,929	11,929	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
55	3,789	3,789	<b>13.80</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
56	4,128	4,129	<b>12.64</b>	105.0	0.00	83.32	-	-	0.00	0.00	-	0.00
57	4,567	4,568	<b>11.26</b>	105.0	0.00	84.19	-	-	0.00	0.00	-	0.00
58	5,075	5,076	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
59	6,702	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
60	7,056	7,056	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
61	7,798	7,798	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
62	7,350	7,351	<b>4.62</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
63	7,729	7,729	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
64	8,471	8,471	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
65	8,806	8,806	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
66	4,065	4,066	<b>12.85</b>	105.0	0.00	83.18	-	-	0.00	0.00	-	0.00
67	6,150	6,150	<b>7.12</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
68	6,013	6,014	<b>7.44</b>	105.0	0.00	86.58	-	-	0.00	0.00	-	0.00
69	6,581	6,581	<b>6.17</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
70	6,903	6,903	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
71	7,429	7,430	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
72	7,869	7,869	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
73	6,841	6,841	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
74	6,046	6,046	<b>7.36</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
75	6,650	6,650	<b>6.03</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
76	7,030	7,031	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
77	8,828	8,828	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
78	7,847	7,847	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
79	9,446	9,446	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
80	10,853	10,853	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
81	11,043	11,043	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
82	11,275	11,275	<b>-1.35</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
83	12,343	12,343	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
84	12,775	12,775	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
85	13,071	13,071	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
86	13,454	13,454	<b>-3.75</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
87	11,280	11,280	<b>-1.35</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
88	11,236	11,237	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
89	11,881	11,881	<b>-2.06</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
90	12,080	12,080	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
91	12,373	12,373	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
92	12,645	12,645	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
93	12,652	12,653	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
94	11,129	11,129	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
95	11,300	11,300	<b>-1.38</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
96	11,988	11,989	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
97	13,283	13,283	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
98	13,143	13,143	<b>-3.44</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
99	13,408	13,409	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
100	13,792	13,792	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00

Sum 25.11

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H432 H432

WTG	95% rated power											Cmet	
	No.	Distance	Sound distance	Calculated	LwA,ref	Dc	Adiv	Aatm	Agr	Abar	Amisc		A
	[m]	[m]	[dB(A)]	[dB(A)]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	
	1	8,480	8,480	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
	2	8,987	8,987	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
	3	8,775	8,775	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
	4	7,091	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
	5	7,180	7,180	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
	6	8,121	8,121	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
	7	8,382	8,382	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
	8	8,891	8,891	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
	9	7,941	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
	10	8,232	8,232	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
	11	9,644	9,644	<b>0.81</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
	12	8,605	8,605	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
	13	9,292	9,292	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
	14	10,196	10,196	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
	15	9,732	9,732	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
	16	7,951	7,951	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
	17	9,135	9,135	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
	18	9,705	9,705	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	19	8,564	8,564	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
	20	10,009	10,009	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	21	10,311	10,311	<b>-0.11</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
	22	5,753	5,753	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
	23	5,032	5,033	<b>9.93</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
	24	7,156	7,156	<b>4.99</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
	25	7,248	7,249	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
	26	7,820	7,820	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
	27	8,357	8,357	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
	28	8,276	8,276	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
	29	9,239	9,239	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
	30	9,645	9,645	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
	31	10,119	10,119	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
	32	9,157	9,157	<b>1.54</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
	33	11,157	11,157	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
	34	11,589	11,589	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
	35	4,604	4,604	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
	36	5,042	5,043	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
	37	4,277	4,278	<b>12.16</b>	105.0	0.00	83.62	-	-	0.00	0.00	-	0.00
	38	4,644	4,644	<b>11.04</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
	39	5,461	5,462	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
	40	6,402	6,402	<b>6.56</b>	105.0	0.00	87.13	-	-	0.00	0.00	-	0.00
	41	6,577	6,577	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
	42	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	43	8,312	8,312	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
	44	7,022	7,022	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
	45	7,381	7,381	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
	46	6,927	6,927	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
	47	8,885	8,885	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
	48	9,374	9,374	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
	49	9,783	9,783	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
	50	9,337	9,337	<b>1.26</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
	51	9,676	9,677	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
	52	10,043	10,043	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
	53	10,624	10,624	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
	54	11,983	11,983	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
	55	3,851	3,852	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
	56	4,198	4,198	<b>12.42</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
	57	4,633	4,633	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
	58	5,143	5,143	<b>9.62</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
	59	6,771	6,772	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,125	7,125	<b>5.06</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
61	7,862	7,863	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
62	7,424	7,425	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
63	7,803	7,803	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
64	8,539	8,539	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
65	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
66	4,152	4,152	<b>12.57</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
67	6,243	6,244	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
68	6,111	6,111	<b>7.21</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
69	6,673	6,674	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
70	6,993	6,994	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
71	7,519	7,519	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
72	7,962	7,962	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
73	6,940	6,940	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
74	6,158	6,159	<b>7.11</b>	105.0	0.00	86.79	-	-	0.00	0.00	-	0.00
75	6,762	6,763	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
76	7,142	7,142	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
77	8,933	8,933	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
78	7,961	7,961	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
79	9,558	9,559	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
80	10,959	10,959	<b>-0.95</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
81	11,154	11,154	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
82	11,384	11,384	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
83	12,448	12,448	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
84	12,883	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
85	13,179	13,179	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
86	13,561	13,562	<b>-3.86</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
87	11,398	11,398	<b>-1.49</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
88	11,350	11,350	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
89	11,995	11,995	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
90	12,193	12,193	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
91	12,488	12,488	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
92	12,760	12,760	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
93	12,763	12,763	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
94	11,250	11,251	<b>-1.32</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
95	11,420	11,420	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
96	12,109	12,109	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
97	13,401	13,401	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
98	13,260	13,260	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
99	13,524	13,524	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
100	13,909	13,910	<b>-4.20</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00

Sum 25.00

- Data undefined due to calculation with octave data

### Noise sensitive area: H433 H433

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,532	8,532	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
2	9,039	9,039	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
3	8,826	8,826	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
4	7,142	7,143	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
5	7,232	7,232	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
6	8,171	8,171	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
7	8,431	8,431	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
8	8,940	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
9	7,990	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
10	8,279	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,689	9,689	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
12	8,649	8,649	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
13	9,335	9,335	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
14	10,239	10,240	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
15	9,772	9,772	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
16	7,994	7,994	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
17	9,175	9,175	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
18	9,743	9,743	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
19	8,601	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
20	10,043	10,043	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
21	10,345	10,345	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
22	5,796	5,796	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
23	5,073	5,073	<b>9.82</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
24	7,191	7,191	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
25	7,281	7,281	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
26	7,853	7,853	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
27	8,388	8,388	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
28	8,303	8,304	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
29	9,268	9,268	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
30	9,672	9,672	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
31	10,145	10,145	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
32	9,183	9,183	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
33	11,181	11,181	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
34	11,610	11,610	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
35	4,638	4,638	<b>11.05</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
36	5,074	5,074	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
37	4,305	4,306	<b>12.07</b>	105.0	0.00	83.68	-	-	0.00	0.00	-	0.00
38	4,670	4,671	<b>10.96</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
39	5,488	5,489	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
40	6,431	6,431	<b>6.50</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
41	6,600	6,600	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
42	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
43	8,336	8,336	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
44	7,046	7,046	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
45	7,402	7,402	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
46	6,946	6,946	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
47	8,906	8,906	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
48	9,395	9,395	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
49	9,803	9,804	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
50	9,353	9,353	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
51	9,693	9,693	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
52	10,060	10,060	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
53	10,644	10,644	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
54	12,002	12,002	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
55	3,866	3,867	<b>13.53</b>	105.0	0.00	82.75	-	-	0.00	0.00	-	0.00
56	4,209	4,210	<b>12.38</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
57	4,646	4,647	<b>11.03</b>	105.0	0.00	84.34	-	-	0.00	0.00	-	0.00
58	5,155	5,156	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
59	6,783	6,783	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
60	7,136	7,137	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
61	7,877	7,877	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
62	7,434	7,434	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
63	7,812	7,812	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
64	8,551	8,551	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
65	8,885	8,885	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
66	4,154	4,154	<b>12.56</b>	105.0	0.00	83.37	-	-	0.00	0.00	-	0.00
67	6,241	6,241	<b>6.92</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
68	6,106	6,107	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
69	6,672	6,672	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,993	6,993	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
71	7,519	7,520	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
72	7,960	7,960	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
73	6,934	6,934	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
74	6,141	6,142	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
75	6,745	6,746	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
76	7,126	7,126	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
77	8,922	8,923	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
78	7,942	7,942	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
79	9,541	9,541	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
80	10,948	10,948	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
81	11,139	11,139	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
82	11,370	11,370	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
83	12,438	12,438	<b>-2.69</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
84	12,870	12,870	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
85	13,166	13,166	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
86	13,549	13,549	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
87	11,374	11,374	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
88	11,332	11,332	<b>-1.41</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
89	11,976	11,976	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
90	12,175	12,175	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
91	12,468	12,468	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
92	12,741	12,741	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
93	12,748	12,748	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
94	11,221	11,221	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
95	11,393	11,393	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
96	12,081	12,081	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
97	13,377	13,377	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
98	13,237	13,238	<b>-3.53</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
99	13,503	13,504	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
100	13,886	13,886	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00

Sum 24.95

- Data undefined due to calculation with octave data

### Noise sensitive area: H434 H434

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,486	8,486	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
2	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
3	8,784	8,784	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
4	7,097	7,097	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
5	7,188	7,188	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
6	8,131	8,131	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
7	8,393	8,393	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
8	8,904	8,904	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
9	7,954	7,955	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
10	8,245	8,246	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
11	9,660	9,660	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
12	8,622	8,622	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
13	9,309	9,310	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
14	10,214	10,214	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
15	9,752	9,752	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
16	7,969	7,969	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
17	9,156	9,156	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
18	9,726	9,726	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
19	8,585	8,585	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
20	10,032	10,032	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,334	10,334	<b>-0.14</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
22	5,770	5,771	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
23	5,052	5,053	<b>9.87</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
24	7,178	7,178	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
25	7,272	7,272	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
26	7,843	7,843	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
27	8,382	8,382	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
28	8,301	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
29	9,264	9,264	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
30	9,670	9,670	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
31	10,144	10,144	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
32	9,183	9,183	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
33	11,183	11,183	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
34	11,615	11,615	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
35	4,627	4,627	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
36	5,066	5,067	<b>9.83</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
37	4,302	4,303	<b>12.08</b>	105.0	0.00	83.67	-	-	0.00	0.00	-	0.00
38	4,669	4,670	<b>10.96</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
39	5,487	5,487	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
40	6,427	6,427	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
41	6,603	6,604	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
42	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
43	8,338	8,338	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
44	7,048	7,048	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
45	7,407	7,407	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
46	6,954	6,954	<b>5.40</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
47	8,912	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
48	9,401	9,401	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
49	9,809	9,809	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
50	9,364	9,364	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
51	9,704	9,704	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
52	10,070	10,070	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
53	10,650	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
54	12,010	12,010	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
55	3,878	3,879	<b>13.48</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
56	4,226	4,226	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
57	4,660	4,661	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
58	5,171	5,171	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
59	6,799	6,800	<b>5.71</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
60	7,152	7,153	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
61	7,890	7,890	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
62	7,452	7,453	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
63	7,831	7,831	<b>3.73</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
64	8,566	8,566	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
65	8,898	8,898	<b>1.94</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
66	4,180	4,180	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
67	6,271	6,271	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
68	6,138	6,139	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
69	6,701	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
70	7,021	7,022	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
71	7,547	7,547	<b>4.25</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
72	7,990	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
73	6,967	6,968	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
74	6,183	6,184	<b>7.05</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
75	6,788	6,788	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
76	7,167	7,168	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
77	8,960	8,960	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
78	7,986	7,986	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
79	9,584	9,584	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,986	10,986	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
81	11,180	11,180	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
82	11,410	11,410	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
83	12,475	12,475	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
84	12,909	12,909	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
85	13,205	13,205	<b>-3.50</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
86	13,588	13,588	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
87	11,421	11,421	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
88	11,375	11,375	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
89	12,020	12,020	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
90	12,218	12,218	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
91	12,513	12,513	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
92	12,785	12,785	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
93	12,789	12,789	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
94	11,272	11,272	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
95	11,442	11,443	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
96	12,131	12,131	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
97	13,425	13,425	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
98	13,284	13,284	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
99	13,549	13,549	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
100	13,933	13,933	<b>-4.23</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00

Sum 24.94

- Data undefined due to calculation with octave data

### Noise sensitive area: H435 H435

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,346	8,346	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
2	8,855	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
3	8,645	8,646	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
4	6,957	6,957	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
5	7,050	7,050	<b>5.20</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
6	7,995	7,995	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
7	8,259	8,259	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
8	8,773	8,773	<b>2.13</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
9	7,823	7,823	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
10	8,115	8,115	<b>3.23</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
11	9,537	9,537	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
12	8,501	8,501	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
13	9,190	9,190	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
14	10,096	10,096	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
15	9,641	9,641	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
16	7,851	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
17	9,046	9,046	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
18	9,622	9,622	<b>0.85</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
19	8,480	8,480	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
20	9,936	9,936	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
21	10,240	10,240	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
22	5,651	5,652	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
23	4,941	4,942	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
24	7,079	7,079	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
25	7,182	7,183	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
26	7,750	7,750	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
27	8,297	8,297	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
28	8,225	8,225	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
29	9,182	9,182	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
30	9,592	9,592	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,069	10,069	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
32	9,110	9,110	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
33	11,116	11,116	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
34	11,554	11,554	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
35	4,533	4,534	<b>11.37</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
36	4,979	4,979	<b>10.07</b>	105.0	0.00	84.94	-	-	0.00	0.00	-	0.00
37	4,224	4,225	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
38	4,596	4,597	<b>11.18</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
39	5,411	5,412	<b>8.92</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
40	6,347	6,347	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
41	6,539	6,539	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
42	7,678	7,679	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
43	8,271	8,271	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
44	6,980	6,980	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
45	7,347	7,347	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
46	6,900	6,900	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
47	8,851	8,852	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
48	9,342	9,342	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
49	9,749	9,750	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
50	9,317	9,317	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
51	9,654	9,654	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
52	10,019	10,019	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
53	10,592	10,592	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
54	11,955	11,955	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
55	3,836	3,837	<b>13.63</b>	105.0	0.00	82.68	-	-	0.00	0.00	-	0.00
56	4,192	4,193	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
57	4,622	4,622	<b>11.10</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
58	5,134	5,135	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
59	6,764	6,765	<b>5.79</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
60	7,117	7,117	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
61	7,848	7,849	<b>3.70</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
62	7,424	7,424	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
63	7,802	7,802	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
64	8,529	8,529	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
65	8,856	8,857	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
66	4,171	4,172	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
67	6,273	6,274	<b>6.84</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
68	6,148	6,148	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
69	6,702	6,702	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
70	7,018	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
71	7,542	7,543	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
72	7,991	7,992	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
73	6,979	6,980	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
74	6,226	6,226	<b>6.95</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
75	6,830	6,830	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
76	7,207	7,208	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
77	8,983	8,984	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
78	8,031	8,031	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
79	9,627	9,627	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
80	11,011	11,011	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
81	11,216	11,216	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
82	11,443	11,443	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
83	12,498	12,499	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
84	12,941	12,941	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
85	13,235	13,235	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
86	13,617	13,617	<b>-3.92</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
87	11,481	11,481	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
88	11,419	11,420	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
89	12,067	12,068	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,261	12,261	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
91	12,563	12,563	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
92	12,832	12,832	<b>-3.11</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
93	12,825	12,826	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
94	11,346	11,346	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
95	11,513	11,513	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
96	12,202	12,202	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
97	13,485	13,485	<b>-3.78</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
98	13,339	13,339	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
99	13,600	13,600	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
100	13,991	13,991	<b>-4.28</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00

Sum 25.07

- Data undefined due to calculation with octave data

### Noise sensitive area: H436 H436

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,369	8,369	<b>2.79</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
2	8,877	8,877	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
3	8,667	8,668	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
4	6,980	6,980	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
5	7,072	7,072	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
6	8,016	8,016	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
7	8,280	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
8	8,793	8,793	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
9	7,843	7,843	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
10	8,135	8,135	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
11	9,555	9,555	<b>0.94</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
12	8,519	8,519	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
13	9,208	9,208	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
14	10,113	10,114	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
15	9,657	9,657	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
16	7,869	7,869	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
17	9,062	9,062	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
18	9,637	9,637	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
19	8,495	8,495	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
20	9,949	9,949	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
21	10,253	10,253	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
22	5,669	5,669	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
23	4,957	4,958	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
24	7,093	7,093	<b>5.12</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
25	7,194	7,195	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
26	7,763	7,763	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
27	8,308	8,308	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
28	8,235	8,235	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
29	9,193	9,193	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
30	9,602	9,602	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
31	10,079	10,079	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
32	9,119	9,119	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
33	11,124	11,124	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
34	11,561	11,561	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
35	4,546	4,547	<b>11.33</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
36	4,990	4,991	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
37	4,234	4,235	<b>12.30</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
38	4,605	4,606	<b>11.15</b>	105.0	0.00	84.27	-	-	0.00	0.00	-	0.00
39	5,421	5,421	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
40	6,357	6,357	<b>6.66</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00

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Project:

20162030 Westwood Red Pine

Licensed user:

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6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,547	6,547	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
42	7,687	7,687	<b>3.99</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
43	8,279	8,279	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
44	6,988	6,988	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
45	7,354	7,354	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
46	6,906	6,906	<b>5.49</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
47	8,858	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
48	9,348	9,349	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
49	9,756	9,756	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
50	9,321	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
51	9,659	9,659	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
52	10,024	10,025	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
53	10,598	10,598	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
54	11,961	11,961	<b>-2.15</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
55	3,840	3,841	<b>13.62</b>	105.0	0.00	82.69	-	-	0.00	0.00	-	0.00
56	4,194	4,195	<b>12.43</b>	105.0	0.00	83.45	-	-	0.00	0.00	-	0.00
57	4,625	4,625	<b>11.09</b>	105.0	0.00	84.30	-	-	0.00	0.00	-	0.00
58	5,137	5,137	<b>9.64</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
59	6,767	6,767	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
60	7,119	7,120	<b>5.07</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
61	7,852	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
62	7,425	7,426	<b>4.47</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
63	7,803	7,804	<b>3.78</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
64	8,532	8,532	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
65	8,860	8,860	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
66	4,169	4,170	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
67	6,270	6,270	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
68	6,143	6,143	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
69	6,699	6,699	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
70	7,015	7,016	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
71	7,540	7,540	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
72	7,988	7,988	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
73	6,974	6,974	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
74	6,216	6,216	<b>6.97</b>	105.0	0.00	86.87	-	-	0.00	0.00	-	0.00
75	6,820	6,820	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
76	7,198	7,198	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
77	8,976	8,976	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
78	8,021	8,021	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
79	9,617	9,617	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
80	11,004	11,004	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
81	11,207	11,207	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
82	11,435	11,435	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
83	12,491	12,492	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
84	12,933	12,933	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
85	13,227	13,227	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
86	13,609	13,609	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
87	11,468	11,468	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
88	11,409	11,409	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
89	12,057	12,057	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
90	12,251	12,251	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
91	12,551	12,552	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
92	12,821	12,821	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
93	12,816	12,816	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
94	11,331	11,332	<b>-1.41</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
95	11,499	11,499	<b>-1.62</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
96	12,188	12,188	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
97	13,472	13,473	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
98	13,327	13,327	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
99	13,588	13,588	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
100	13,978	13,979	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 25.05

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H437 H437

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,300	8,300	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
	2	8,810	8,810	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
	3	8,602	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
	4	6,911	6,911	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
	5	7,005	7,006	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
	6	7,954	7,954	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
	7	8,220	8,220	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
	8	8,736	8,736	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
	9	7,787	7,787	<b>3.81</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
	10	8,080	8,080	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
	11	9,507	9,507	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
	12	8,473	8,473	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
	13	9,164	9,164	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
	14	10,070	10,070	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
	15	9,620	9,620	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
	16	7,826	7,826	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
	17	9,026	9,026	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
	18	9,605	9,605	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
	19	8,463	8,463	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
	20	9,924	9,924	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
	21	10,228	10,228	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
	22	5,625	5,626	<b>8.37</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
	23	4,921	4,921	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
	24	7,065	7,065	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
	25	7,174	7,174	<b>4.96</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
	26	7,740	7,740	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
	27	8,290	8,290	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
	28	8,223	8,223	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
	29	9,177	9,178	<b>1.50</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
	30	9,589	9,589	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
	31	10,068	10,068	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
	32	9,109	9,109	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
	33	11,118	11,118	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
	34	11,559	11,559	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
	35	4,523	4,524	<b>11.40</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
	36	4,972	4,972	<b>10.09</b>	105.0	0.00	84.93	-	-	0.00	0.00	-	0.00
	37	4,222	4,223	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
	38	4,596	4,597	<b>11.18</b>	105.0	0.00	84.25	-	-	0.00	0.00	-	0.00
	39	5,410	5,411	<b>8.92</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
	40	6,343	6,343	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
	41	6,543	6,543	<b>6.25</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
	42	7,678	7,679	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
	43	8,274	8,274	<b>2.95</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
	44	6,982	6,982	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
	45	7,353	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
	46	6,909	6,909	<b>5.49</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
	47	8,857	8,857	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
	48	9,348	9,348	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
	49	9,755	9,755	<b>0.65</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
	50	9,328	9,328	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
	51	9,664	9,665	<b>0.78</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
	52	10,029	10,029	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
	53	10,598	10,598	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
	54	11,963	11,963	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
	55	3,850	3,851	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
	56	4,210	4,211	<b>12.38</b>	105.0	0.00	83.49	-	-	0.00	0.00	-	0.00
	57	4,637	4,638	<b>11.06</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
	58	5,150	5,151	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
	59	6,781	6,781	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,133	7,133	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
61	7,862	7,862	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
62	7,443	7,443	<b>4.44</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
63	7,821	7,821	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
64	8,544	8,545	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
65	8,870	8,870	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
66	4,199	4,199	<b>12.41</b>	105.0	0.00	83.46	-	-	0.00	0.00	-	0.00
67	6,304	6,305	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
68	6,181	6,181	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
69	6,732	6,732	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
70	7,047	7,047	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
71	7,570	7,571	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
72	8,022	8,022	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
73	7,013	7,013	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
74	6,269	6,269	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
75	6,873	6,873	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
76	7,249	7,250	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
77	9,021	9,021	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
78	8,075	8,075	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
79	9,670	9,670	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
80	11,049	11,049	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
81	11,257	11,257	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
82	11,483	11,483	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
83	12,536	12,536	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
84	12,980	12,981	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
85	13,274	13,274	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
86	13,655	13,656	<b>-3.95</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
87	11,528	11,528	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
88	11,463	11,463	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
89	12,112	12,112	<b>-2.33</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
90	12,304	12,304	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
91	12,607	12,608	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
92	12,876	12,876	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
93	12,866	12,867	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
94	11,397	11,397	<b>-1.49</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
95	11,563	11,563	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
96	12,252	12,253	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
97	13,533	13,533	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
98	13,385	13,385	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
99	13,645	13,645	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
100	14,038	14,038	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00

Sum 25.05

- Data undefined due to calculation with octave data

### Noise sensitive area: H438 H438

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,301	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
2	8,813	8,813	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
3	8,606	8,607	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
4	6,913	6,913	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
5	7,009	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
6	7,959	7,960	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
7	8,227	8,227	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
8	8,745	8,745	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
9	7,796	7,796	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
10	8,090	8,090	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,519	9,519	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
12	8,486	8,486	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
13	9,177	9,178	<b>1.50</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
14	10,084	10,084	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
15	9,636	9,636	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
16	7,840	7,840	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
17	9,042	9,042	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
18	9,623	9,623	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
19	8,481	8,481	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
20	9,943	9,943	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
21	10,247	10,247	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
22	5,639	5,640	<b>8.34</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
23	4,937	4,938	<b>10.19</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
24	7,084	7,084	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
25	7,194	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
26	7,759	7,759	<b>3.86</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
27	8,311	8,311	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
28	8,245	8,245	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
29	9,199	9,199	<b>1.47</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
30	9,611	9,611	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
31	10,090	10,090	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
32	9,131	9,132	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
33	11,141	11,141	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
34	11,583	11,583	<b>-1.71</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
35	4,543	4,544	<b>11.34</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
36	4,992	4,993	<b>10.04</b>	105.0	0.00	84.97	-	-	0.00	0.00	-	0.00
37	4,244	4,245	<b>12.27</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
38	4,619	4,619	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
39	5,432	5,433	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
40	6,365	6,365	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
41	6,566	6,567	<b>6.20</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
42	7,701	7,701	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
43	8,297	8,297	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
44	7,005	7,005	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
45	7,377	7,377	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
46	6,933	6,933	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
47	8,881	8,881	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
48	9,372	9,372	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
49	9,779	9,779	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
50	9,353	9,353	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
51	9,689	9,689	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
52	10,053	10,054	<b>0.24</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
53	10,622	10,622	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
54	11,987	11,987	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
55	3,876	3,877	<b>13.49</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
56	4,236	4,236	<b>12.29</b>	105.0	0.00	83.54	-	-	0.00	0.00	-	0.00
57	4,662	4,663	<b>10.98</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
58	5,176	5,176	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
59	6,807	6,807	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
60	7,159	7,159	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
61	7,887	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
62	7,469	7,469	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
63	7,846	7,847	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
64	8,570	8,570	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
65	8,895	8,895	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
66	4,225	4,225	<b>12.33</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
67	6,330	6,331	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
68	6,207	6,207	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
69	6,758	6,759	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,073	7,074	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
71	7,597	7,597	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
72	8,048	8,048	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
73	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
74	6,294	6,294	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
75	6,898	6,898	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
76	7,275	7,275	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
77	9,047	9,047	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
78	8,100	8,100	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
79	9,695	9,695	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
80	11,075	11,075	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
81	11,282	11,283	<b>-1.35</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
82	11,509	11,509	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
83	12,562	12,562	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
84	13,006	13,006	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
85	13,299	13,300	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
86	13,681	13,681	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
87	11,552	11,552	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
88	11,488	11,488	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
89	12,137	12,137	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
90	12,329	12,329	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
91	12,632	12,632	<b>-2.90</b>	105.0	0.00	93.03	-	-	0.00	0.00	-	0.00
92	12,901	12,901	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
93	12,892	12,892	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
94	11,420	11,420	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
95	11,586	11,586	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
96	12,275	12,275	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
97	13,557	13,557	<b>-3.86</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
98	13,409	13,409	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
99	13,669	13,670	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
100	14,062	14,062	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00

Sum 25.00

- Data undefined due to calculation with octave data

### Noise sensitive area: H439 H439

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,302	8,302	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
2	8,814	8,814	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
3	8,609	8,609	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
4	6,913	6,914	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
5	7,011	7,012	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
6	7,963	7,964	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
7	8,232	8,233	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
8	8,752	8,752	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
9	7,802	7,803	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
10	8,097	8,097	<b>3.26</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
11	9,529	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
12	8,497	8,497	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
13	9,189	9,189	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
14	10,095	10,095	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
15	9,650	9,650	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
16	7,851	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
17	9,056	9,056	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
18	9,637	9,637	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
19	8,495	8,495	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
20	9,959	9,959	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,264	10,264	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
22	5,651	5,651	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
23	4,950	4,951	<b>10.15</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
24	7,099	7,100	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
25	7,211	7,211	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
26	7,776	7,776	<b>3.83</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
27	8,329	8,329	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
28	8,264	8,264	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
29	9,217	9,217	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
30	9,630	9,630	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
31	10,109	10,109	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
32	9,151	9,151	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
33	11,161	11,161	<b>-1.21</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
34	11,603	11,603	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
35	4,560	4,560	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
36	5,010	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
37	4,263	4,264	<b>12.21</b>	105.0	0.00	83.60	-	-	0.00	0.00	-	0.00
38	4,638	4,639	<b>11.05</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
39	5,452	5,452	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
40	6,383	6,384	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
41	6,587	6,587	<b>6.16</b>	105.0	0.00	87.37	-	-	0.00	0.00	-	0.00
42	7,721	7,721	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
43	8,317	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
44	7,025	7,025	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
45	7,397	7,397	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
46	6,954	6,954	<b>5.40</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
47	8,901	8,901	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
48	9,392	9,392	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
49	9,799	9,800	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
50	9,374	9,374	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
51	9,710	9,711	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
52	10,075	10,075	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
53	10,642	10,643	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
54	12,008	12,008	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
55	3,898	3,899	<b>13.42</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
56	4,258	4,259	<b>12.22</b>	105.0	0.00	83.59	-	-	0.00	0.00	-	0.00
57	4,684	4,685	<b>10.92</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
58	5,198	5,199	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
59	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
60	7,181	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
61	7,909	7,909	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
62	7,492	7,492	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
63	7,869	7,869	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
64	8,592	8,592	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
65	8,917	8,917	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
66	4,248	4,249	<b>12.25</b>	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
67	6,354	6,354	<b>6.67</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
68	6,230	6,231	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
69	6,782	6,782	<b>5.75</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
70	7,097	7,097	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
71	7,620	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
72	8,071	8,072	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
73	7,063	7,063	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
74	6,317	6,317	<b>6.75</b>	105.0	0.00	87.01	-	-	0.00	0.00	-	0.00
75	6,921	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
76	7,298	7,298	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
77	9,070	9,070	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
78	8,123	8,123	<b>3.21</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
79	9,718	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,099	11,099	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
81	11,306	11,306	<b>-1.38</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
82	11,532	11,532	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
83	12,585	12,585	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
84	13,029	13,029	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
85	13,323	13,323	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
86	13,705	13,705	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
87	11,574	11,574	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
88	11,511	11,511	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
89	12,159	12,159	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
90	12,352	12,352	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
91	12,655	12,655	<b>-2.92</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
92	12,923	12,923	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
93	12,915	12,915	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
94	11,440	11,441	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
95	11,607	11,607	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
96	12,296	12,297	<b>-2.53</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
97	13,579	13,579	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
98	13,431	13,432	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
99	13,692	13,692	<b>-3.99</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
100	14,084	14,084	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00

Sum 24.95

- Data undefined due to calculation with octave data

### Noise sensitive area: H440 H440

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,301	8,301	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
2	8,817	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
3	8,617	8,617	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
4	6,913	6,913	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
5	7,017	7,018	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
6	7,977	7,978	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
7	8,251	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
8	8,776	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
9	7,828	7,828	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
10	8,124	8,125	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
11	9,567	9,567	<b>0.93</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
12	8,537	8,538	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
13	9,232	9,232	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
14	10,139	10,139	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
15	9,702	9,702	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
16	7,896	7,896	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
17	9,109	9,109	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
18	9,695	9,695	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
19	8,553	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
20	10,024	10,024	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
21	10,329	10,329	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
22	5,695	5,696	<b>8.20</b>	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
23	5,004	5,004	<b>10.01</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
24	7,162	7,162	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
25	7,280	7,280	<b>4.75</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
26	7,843	7,843	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
27	8,400	8,401	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
28	8,340	8,340	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
29	9,290	9,290	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
30	9,705	9,705	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,186	10,186	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
32	9,228	9,229	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
33	11,241	11,242	<b>-1.30</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
34	11,686	11,686	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
35	4,627	4,628	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
36	5,081	5,081	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
37	4,340	4,341	<b>11.96</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
38	4,717	4,718	<b>10.82</b>	105.0	0.00	84.47	-	-	0.00	0.00	-	0.00
39	5,529	5,529	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
40	6,458	6,458	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
41	6,669	6,669	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
42	7,799	7,799	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
43	8,397	8,397	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
44	7,105	7,106	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
45	7,481	7,481	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
46	7,040	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
47	8,984	8,984	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
48	9,476	9,476	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
49	9,883	9,883	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
50	9,462	9,462	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
51	9,797	9,798	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
52	10,161	10,161	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
53	10,726	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
54	12,093	12,093	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
55	3,988	3,989	<b>13.11</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
56	4,350	4,351	<b>11.93</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
57	4,775	4,776	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
58	5,289	5,290	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
59	6,920	6,921	<b>5.46</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
60	7,272	7,272	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
61	7,999	7,999	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
62	7,584	7,585	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
63	7,962	7,962	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
64	8,683	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
65	9,007	9,007	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
66	4,344	4,345	<b>11.95</b>	105.0	0.00	83.76	-	-	0.00	0.00	-	0.00
67	6,451	6,451	<b>6.45</b>	105.0	0.00	87.19	-	-	0.00	0.00	-	0.00
68	6,327	6,328	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
69	6,878	6,879	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
70	7,193	7,193	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
71	7,716	7,717	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
72	8,168	8,168	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
73	7,160	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
74	6,412	6,412	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
75	7,016	7,016	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
76	7,393	7,393	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
77	9,167	9,167	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
78	8,217	8,217	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
79	9,813	9,813	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
80	11,195	11,195	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
81	11,401	11,402	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
82	11,628	11,628	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
83	12,682	12,682	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
84	13,126	13,126	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
85	13,419	13,419	<b>-3.72</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
86	13,801	13,801	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
87	11,666	11,666	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
88	11,605	11,606	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
89	12,254	12,254	<b>-2.48</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,447	12,447	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
91	12,749	12,749	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
92	13,018	13,018	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
93	13,011	13,011	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
94	11,528	11,528	<b>-1.65</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
95	11,696	11,696	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
96	12,385	12,385	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
97	13,670	13,670	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
98	13,524	13,524	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
99	13,786	13,786	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
100	14,176	14,176	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00

Sum 24.77

- Data undefined due to calculation with octave data

### Noise sensitive area: H441 H441

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,297	8,297	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
2	8,816	8,817	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
3	8,620	8,620	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
4	6,910	6,911	<b>5.48</b>	105.0	0.00	87.79	-	-	0.00	0.00	-	0.00
5	7,019	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
6	7,984	7,985	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
7	8,262	8,262	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
8	8,791	8,791	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
9	7,843	7,843	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
10	8,141	8,141	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
11	9,591	9,591	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
12	8,564	8,564	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
13	9,259	9,259	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
14	10,167	10,168	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
15	9,736	9,736	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
16	7,925	7,925	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
17	9,144	9,144	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
18	9,733	9,733	<b>0.69</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
19	8,591	8,591	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
20	10,066	10,066	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
21	10,372	10,372	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
22	5,724	5,725	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
23	5,039	5,040	<b>9.91</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
24	7,203	7,204	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
25	7,326	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
26	7,887	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
27	8,449	8,449	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
28	8,391	8,391	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
29	9,340	9,340	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
30	9,756	9,756	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
31	10,238	10,238	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
32	9,281	9,281	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
33	11,296	11,296	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
34	11,742	11,742	<b>-1.90</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
35	4,672	4,673	<b>10.95</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
36	5,129	5,129	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
37	4,392	4,393	<b>11.80</b>	105.0	0.00	83.86	-	-	0.00	0.00	-	0.00
38	4,771	4,771	<b>10.67</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
39	5,581	5,582	<b>8.48</b>	105.0	0.00	85.94	-	-	0.00	0.00	-	0.00
40	6,509	6,509	<b>6.33</b>	105.0	0.00	87.27	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,725	6,725	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
42	7,852	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
43	8,452	8,452	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
44	7,160	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
45	7,538	7,538	<b>4.26</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
46	7,098	7,099	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
47	9,041	9,041	<b>1.71</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
48	9,533	9,533	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
49	9,940	9,940	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
50	9,522	9,522	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
51	9,857	9,857	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
52	10,221	10,221	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
53	10,783	10,783	<b>-0.73</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
54	12,151	12,151	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
55	4,050	4,051	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
56	4,414	4,415	<b>11.73</b>	105.0	0.00	83.90	-	-	0.00	0.00	-	0.00
57	4,838	4,838	<b>10.47</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
58	5,352	5,353	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
59	6,983	6,984	<b>5.34</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
60	7,335	7,335	<b>4.65</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
61	8,060	8,060	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
62	7,648	7,649	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
63	8,026	8,026	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
64	8,745	8,745	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
65	9,068	9,068	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
66	4,411	4,412	<b>11.74</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
67	6,518	6,519	<b>6.31</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
68	6,395	6,396	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
69	6,946	6,946	<b>5.41</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
70	7,260	7,261	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
71	7,783	7,784	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
72	8,235	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
73	7,228	7,228	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
74	6,479	6,479	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
75	7,083	7,083	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
76	7,460	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
77	9,235	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
78	8,284	8,284	<b>2.94</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
79	9,880	9,880	<b>0.48</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
80	11,263	11,263	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
81	11,469	11,469	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
82	11,696	11,696	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
83	12,750	12,750	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
84	13,193	13,194	<b>-3.49</b>	105.0	0.00	93.41	-	-	0.00	0.00	-	0.00
85	13,487	13,487	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
86	13,869	13,869	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
87	11,731	11,732	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
88	11,673	11,673	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
89	12,320	12,321	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
90	12,514	12,514	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
91	12,815	12,815	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
92	13,085	13,085	<b>-3.38</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
93	13,078	13,079	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
94	11,591	11,591	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
95	11,759	11,759	<b>-1.92</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
96	12,448	12,448	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
97	13,735	13,736	<b>-4.03</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
98	13,590	13,590	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
99	13,852	13,852	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
100	14,242	14,242	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00

Sum 24.64



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H442 H442

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,303	8,303	<b>2.90</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
	2	8,826	8,827	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
	3	8,635	8,635	<b>2.36</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
	4	6,918	6,918	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
	5	7,033	7,033	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
	6	8,006	8,006	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	7	8,289	8,289	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
	8	8,823	8,823	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
	9	7,876	7,876	<b>3.65</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
	10	8,176	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
	11	9,636	9,636	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
	12	8,612	8,612	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
	13	9,310	9,310	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
	14	10,219	10,219	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
	15	9,795	9,795	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
	16	7,978	7,978	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
	17	9,205	9,205	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
	18	9,799	9,799	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
	19	8,656	8,656	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
	20	10,138	10,138	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
	21	10,444	10,444	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
	22	5,777	5,778	<b>8.00</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
	23	5,101	5,102	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
	24	7,274	7,274	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
	25	7,402	7,403	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
	26	7,961	7,961	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
	27	8,527	8,527	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
	28	8,474	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
	29	9,420	9,420	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	30	9,838	9,838	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
	31	10,321	10,321	<b>-0.13</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
	32	9,365	9,366	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
	33	11,383	11,383	<b>-1.48</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
	34	11,831	11,831	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
	35	4,748	4,748	<b>10.73</b>	105.0	0.00	84.53	-	-	0.00	0.00	-	0.00
	36	5,208	5,208	<b>9.45</b>	105.0	0.00	85.33	-	-	0.00	0.00	-	0.00
	37	4,477	4,477	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
	38	4,857	4,857	<b>10.42</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
	39	5,666	5,666	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
	40	6,590	6,591	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
	41	6,813	6,813	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
	42	7,937	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
	43	8,539	8,539	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
	44	7,247	7,248	<b>4.81</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
	45	7,627	7,628	<b>4.10</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
	46	7,191	7,191	<b>4.93</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
	47	9,131	9,131	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
	48	9,623	9,623	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
	49	10,029	10,029	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
	50	9,616	9,616	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
	51	9,950	9,950	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
	52	10,313	10,313	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
	53	10,873	10,873	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
	54	12,242	12,242	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
	55	4,146	4,147	<b>12.58</b>	105.0	0.00	83.35	-	-	0.00	0.00	-	0.00
	56	4,512	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
	57	4,934	4,935	<b>10.20</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
	58	5,449	5,450	<b>8.82</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
	59	7,080	7,081	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,432	7,432	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
61	8,155	8,156	<b>3.16</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00
62	7,746	7,747	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
63	8,124	8,124	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
64	8,841	8,841	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
65	9,163	9,163	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
66	4,512	4,512	<b>11.43</b>	105.0	0.00	84.09	-	-	0.00	0.00	-	0.00
67	6,619	6,620	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
68	6,496	6,497	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
69	7,047	7,047	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
70	7,361	7,361	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
71	7,884	7,884	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
72	8,336	8,337	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
73	7,329	7,329	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
74	6,577	6,577	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
75	7,181	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
76	7,559	7,559	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
77	9,335	9,335	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
78	8,381	8,382	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
79	9,978	9,978	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
80	11,363	11,363	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
81	11,568	11,568	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
82	11,795	11,796	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
83	12,850	12,850	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
84	13,293	13,293	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
85	13,587	13,587	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
86	13,969	13,969	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
87	11,825	11,826	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
88	11,770	11,770	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
89	12,417	12,418	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
90	12,612	12,612	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
91	12,912	12,912	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
92	13,182	13,182	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
93	13,177	13,178	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
94	11,680	11,680	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
95	11,850	11,850	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
96	12,538	12,539	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
97	13,829	13,829	<b>-4.12</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
98	13,685	13,686	<b>-3.98</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
99	13,948	13,948	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
100	14,336	14,336	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00

Sum 24.45

- Data undefined due to calculation with octave data

### Noise sensitive area: H443 H443

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,309	8,309	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
2	8,836	8,836	<b>2.03</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
3	8,648	8,648	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
4	6,925	6,925	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
5	7,045	7,045	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
6	8,024	8,024	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
7	8,310	8,310	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
8	8,848	8,849	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
9	7,902	7,902	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
10	8,204	8,205	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,671	9,671	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
12	8,650	8,650	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
13	9,349	9,349	<b>1.25</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
14	10,259	10,259	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
15	9,841	9,841	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
16	8,018	8,018	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
17	9,251	9,251	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
18	9,848	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
19	8,706	8,706	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
20	10,192	10,192	<b>0.05</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
21	10,499	10,499	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
22	5,818	5,819	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
23	5,149	5,149	<b>9.61</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
24	7,327	7,327	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
25	7,460	7,460	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
26	8,017	8,017	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
27	8,587	8,587	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
28	8,537	8,537	<b>2.52</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
29	9,480	9,480	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
30	9,900	9,900	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
31	10,384	10,384	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
32	9,429	9,429	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
33	11,448	11,448	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
34	11,898	11,898	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
35	4,805	4,806	<b>10.57</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
36	5,267	5,268	<b>9.29</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
37	4,540	4,541	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
38	4,921	4,922	<b>10.24</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
39	5,730	5,730	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
40	6,652	6,652	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
41	6,880	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
42	8,002	8,002	<b>3.42</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
43	8,605	8,605	<b>2.40</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
44	7,313	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
45	7,695	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
46	7,260	7,260	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
47	9,198	9,198	<b>1.47</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
48	9,690	9,691	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
49	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
50	9,686	9,686	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
51	10,020	10,020	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
52	10,383	10,383	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
53	10,941	10,941	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
54	12,311	12,311	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
55	4,218	4,219	<b>12.35</b>	105.0	0.00	83.50	-	-	0.00	0.00	-	0.00
56	4,585	4,586	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
57	5,007	5,007	<b>10.00</b>	105.0	0.00	84.99	-	-	0.00	0.00	-	0.00
58	5,522	5,522	<b>8.63</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
59	7,153	7,153	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
60	7,504	7,504	<b>4.33</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
61	8,227	8,227	<b>3.03</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
62	7,820	7,820	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
63	8,197	8,197	<b>3.08</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
64	8,913	8,914	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
65	9,235	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
66	4,587	4,587	<b>11.21</b>	105.0	0.00	84.23	-	-	0.00	0.00	-	0.00
67	6,694	6,695	<b>5.93</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
68	6,571	6,572	<b>6.19</b>	105.0	0.00	87.35	-	-	0.00	0.00	-	0.00
69	7,122	7,122	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,436	7,437	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
71	7,959	7,960	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
72	8,412	8,412	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
73	7,404	7,404	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
74	6,650	6,650	<b>6.03</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
75	7,254	7,254	<b>4.80</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
76	7,632	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
77	9,410	9,410	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
78	8,454	8,454	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
79	10,050	10,051	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
80	11,438	11,438	<b>-1.54</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
81	11,641	11,642	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
82	11,869	11,870	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
83	12,925	12,925	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
84	13,367	13,367	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
85	13,661	13,661	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
86	14,043	14,043	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
87	11,895	11,895	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
88	11,843	11,843	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
89	12,489	12,490	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
90	12,685	12,685	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
91	12,983	12,983	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
92	13,254	13,254	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
93	13,251	13,251	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
94	11,746	11,746	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
95	11,917	11,917	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
96	12,605	12,606	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
97	13,899	13,899	<b>-4.19</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00
98	13,756	13,756	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
99	14,020	14,020	<b>-4.31</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
100	14,407	14,407	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00

Sum 24.31

- Data undefined due to calculation with octave data

### Noise sensitive area: H444 H444

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,316	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
2	8,846	8,846	<b>2.02</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
3	8,662	8,663	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
4	6,934	6,934	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
5	7,059	7,059	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
6	8,042	8,043	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
7	8,333	8,333	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
8	8,875	8,875	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
9	7,929	7,929	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
10	8,233	8,233	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
11	9,707	9,707	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
12	8,688	8,689	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
13	9,389	9,389	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
14	10,299	10,299	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
15	9,887	9,887	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
16	8,059	8,060	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
17	9,298	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
18	9,898	9,898	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
19	8,756	8,756	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
20	10,247	10,247	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,554	10,554	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
22	5,860	5,860	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
23	5,197	5,198	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
24	7,381	7,381	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
25	7,518	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
26	8,073	8,074	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
27	8,646	8,646	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
28	8,599	8,599	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
29	9,541	9,541	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
30	9,962	9,962	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
31	10,446	10,446	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
32	9,492	9,492	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
33	11,513	11,513	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
34	11,964	11,964	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
35	4,863	4,863	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
36	5,327	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
37	4,604	4,604	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
38	4,986	4,987	<b>10.05</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
39	5,793	5,794	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
40	6,714	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
41	6,946	6,946	<b>5.41</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
42	8,066	8,066	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
43	8,670	8,670	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
44	7,378	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
45	7,762	7,762	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
46	7,328	7,329	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
47	9,265	9,265	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
48	9,758	9,758	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
49	10,164	10,164	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
50	9,756	9,756	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
51	10,089	10,089	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
52	10,452	10,452	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
53	11,008	11,008	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
54	12,379	12,379	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
55	4,290	4,290	<b>12.12</b>	105.0	0.00	83.65	-	-	0.00	0.00	-	0.00
56	4,657	4,658	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
57	5,078	5,079	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
58	5,593	5,594	<b>8.45</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
59	7,225	7,225	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
60	7,576	7,576	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
61	8,297	8,298	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
62	7,892	7,893	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
63	8,269	8,270	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
64	8,985	8,985	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
65	9,305	9,305	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
66	4,661	4,661	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
67	6,769	6,769	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
68	6,645	6,646	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
69	7,196	7,197	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
70	7,510	7,511	<b>4.31</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
71	8,033	8,034	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
72	8,486	8,486	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
73	7,478	7,478	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
74	6,721	6,722	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
75	7,325	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
76	7,704	7,704	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
77	9,483	9,484	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
78	8,525	8,525	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
79	10,122	10,122	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,511	11,511	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
81	11,714	11,714	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
82	11,942	11,942	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
83	12,998	12,999	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
84	13,440	13,440	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
85	13,734	13,734	<b>-4.03</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
86	14,116	14,116	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
87	11,964	11,964	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
88	11,914	11,914	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
89	12,560	12,560	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
90	12,756	12,756	<b>-3.03</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
91	13,054	13,054	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
92	13,325	13,325	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
93	13,323	13,323	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
94	11,811	11,811	<b>-1.98</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
95	11,983	11,983	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
96	12,671	12,671	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
97	13,967	13,967	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
98	13,826	13,826	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
99	14,090	14,090	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
100	14,475	14,476	<b>-4.74</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00

Sum 24.17

- Data undefined due to calculation with octave data

### Noise sensitive area: H445 H445

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,734	8,734	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
2	9,278	9,278	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
3	9,114	9,114	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
4	7,360	7,361	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
5	7,508	7,508	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
6	8,515	8,516	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
7	8,822	8,822	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
8	9,379	9,379	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
9	8,436	8,437	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
10	8,746	8,746	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
11	10,243	10,243	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
12	9,232	9,233	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
13	9,937	9,937	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
14	10,847	10,847	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
15	10,449	10,449	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
16	8,611	8,611	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
17	9,862	9,862	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
18	10,467	10,467	<b>-0.32</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
19	9,325	9,325	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
20	10,820	10,821	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
21	11,128	11,128	<b>-1.16</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
22	6,414	6,415	<b>6.53</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
23	5,764	5,765	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
24	7,954	7,954	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
25	8,093	8,093	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
26	8,648	8,648	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
27	9,220	9,220	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
28	9,170	9,170	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
29	10,114	10,114	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
30	10,534	10,534	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	11,017	11,017	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
32	10,062	10,062	<b>0.22</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
33	12,079	12,079	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
34	12,525	12,525	<b>-2.78</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
35	5,438	5,438	<b>8.85</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
36	5,901	5,902	<b>7.70</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
37	5,173	5,174	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
38	5,553	5,553	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
39	6,362	6,363	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
40	7,286	7,286	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
41	7,508	7,508	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
42	8,634	8,634	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
43	9,235	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
44	7,943	7,944	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
45	8,321	8,321	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
46	7,880	7,880	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
47	9,824	9,824	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
48	10,316	10,316	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
49	10,723	10,723	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
50	10,301	10,301	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
51	10,637	10,637	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
52	11,001	11,001	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
53	11,566	11,566	<b>-1.70</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
54	12,933	12,933	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
55	4,822	4,823	<b>10.52</b>	105.0	0.00	84.67	-	-	0.00	0.00	-	0.00
56	5,178	5,178	<b>9.53</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
57	5,608	5,608	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
58	6,120	6,121	<b>7.19</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
59	7,750	7,751	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
60	8,103	8,103	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
61	8,834	8,834	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
62	8,408	8,408	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
63	8,786	8,786	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
64	9,515	9,515	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
65	9,842	9,842	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
66	5,138	5,138	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
67	7,223	7,223	<b>4.86</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
68	7,084	7,085	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
69	7,654	7,655	<b>4.05</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
70	7,977	7,977	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
71	8,503	8,503	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
72	8,942	8,943	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
73	7,910	7,910	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
74	7,071	7,071	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
75	7,674	7,675	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
76	8,059	8,060	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
77	9,883	9,884	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
78	8,861	8,861	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
79	10,464	10,464	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
80	11,905	11,905	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
81	12,076	12,076	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
82	12,314	12,314	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
83	13,397	13,398	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
84	13,816	13,816	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
85	14,116	14,116	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
86	14,500	14,500	<b>-4.76</b>	105.0	0.00	94.23	-	-	0.00	0.00	-	0.00
87	12,247	12,247	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
88	12,250	12,250	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
89	12,886	12,886	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,097	13,097	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
91	13,370	13,371	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
92	13,651	13,651	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
93	13,684	13,684	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
94	12,036	12,036	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
95	12,224	12,224	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
96	12,908	12,908	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
97	14,244	14,244	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
98	14,124	14,124	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
99	14,402	14,402	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
100	14,764	14,764	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 23.07

- Data undefined due to calculation with octave data

### Noise sensitive area: H446 H446

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,710	8,710	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
2	9,254	9,254	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
3	9,089	9,089	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
4	7,336	7,336	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
5	7,484	7,484	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
6	8,491	8,491	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
7	8,797	8,797	<b>2.10</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
8	9,354	9,354	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
9	8,412	8,412	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
10	8,721	8,722	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
11	10,219	10,219	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
12	9,208	9,208	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
13	9,912	9,912	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
14	10,823	10,823	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
15	10,426	10,426	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
16	8,587	8,587	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
17	9,839	9,839	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
18	10,444	10,444	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
19	9,302	9,302	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
20	10,798	10,798	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
21	11,105	11,105	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
22	6,390	6,391	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
23	5,741	5,741	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
24	7,931	7,932	<b>3.55</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
25	8,071	8,071	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
26	8,626	8,626	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
27	9,199	9,199	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
28	9,150	9,150	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
29	10,093	10,093	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
30	10,513	10,513	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
31	10,997	10,997	<b>-1.00</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
32	10,042	10,042	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
33	12,060	12,060	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
34	12,507	12,507	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
35	5,416	5,417	<b>8.90</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
36	5,880	5,881	<b>7.75</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
37	5,153	5,154	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
38	5,534	5,534	<b>8.60</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
39	6,343	6,343	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
40	7,266	7,266	<b>4.78</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,489	7,490	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
42	8,614	8,614	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
43	9,216	9,216	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
44	7,924	7,924	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
45	8,303	8,303	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
46	7,862	7,863	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
47	9,806	9,806	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
48	10,298	10,298	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
49	10,705	10,705	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
50	10,284	10,284	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
51	10,620	10,620	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
52	10,984	10,984	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
53	11,548	11,548	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
54	12,916	12,916	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
55	4,806	4,807	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
56	5,163	5,163	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
57	5,592	5,593	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
58	6,105	6,105	<b>7.23</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
59	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
60	8,088	8,088	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
61	8,818	8,818	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
62	8,394	8,394	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
63	8,772	8,772	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
64	9,500	9,500	<b>1.02</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
65	9,826	9,826	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
66	5,126	5,126	<b>9.67</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
67	7,213	7,213	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
68	7,075	7,075	<b>5.15</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
69	7,644	7,644	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
70	7,966	7,966	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
71	8,492	8,492	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
72	8,932	8,932	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
73	7,901	7,901	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
74	7,066	7,067	<b>5.17</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
75	7,670	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
76	8,055	8,055	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
77	9,877	9,877	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
78	8,857	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
79	10,461	10,461	<b>-0.31</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
80	11,899	11,899	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
81	12,071	12,071	<b>-2.28</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
82	12,309	12,309	<b>-2.55</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
83	13,391	13,391	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
84	13,811	13,811	<b>-4.11</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
85	14,110	14,110	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
86	14,494	14,494	<b>-4.76</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
87	12,246	12,246	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
88	12,247	12,247	<b>-2.48</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
89	12,883	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
90	13,093	13,094	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
91	13,368	13,368	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
92	13,648	13,648	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
93	13,679	13,679	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
94	12,038	12,038	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
95	12,225	12,225	<b>-2.45</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
96	12,910	12,910	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
97	14,244	14,244	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
98	14,123	14,123	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
99	14,400	14,400	<b>-4.67</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
100	14,763	14,763	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 23.11

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H447 H447

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	8,642	8,642	<b>2.34</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00	
2	9,184	9,185	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00	
3	9,018	9,018	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00	
4	7,267	7,267	<b>4.78</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00	
5	7,413	7,413	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00	
6	8,418	8,418	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00	
7	8,722	8,722	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00	
8	9,279	9,279	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00	
9	8,336	8,336	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00	
10	8,645	8,645	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00	
11	10,141	10,141	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00	
12	9,130	9,130	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00	
13	9,834	9,834	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00	
14	10,745	10,745	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00	
15	10,347	10,347	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00	
16	8,509	8,509	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00	
17	9,760	9,760	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00	
18	10,366	10,366	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00	
19	9,224	9,224	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00	
20	10,721	10,721	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00	
21	11,028	11,028	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00	
22	6,312	6,312	<b>6.76</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00	
23	5,662	5,663	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00	
24	7,854	7,854	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00	
25	7,995	7,995	<b>3.44</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00	
26	8,549	8,549	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00	
27	9,123	9,123	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00	
28	9,076	9,076	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00	
29	10,018	10,018	<b>0.29</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00	
30	10,438	10,438	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00	
31	10,923	10,923	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00	
32	9,968	9,968	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00	
33	11,987	11,987	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00	
34	12,435	12,435	<b>-2.69</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00	
35	5,340	5,340	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00	
36	5,804	5,805	<b>7.94</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00	
37	5,079	5,080	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00	
38	5,460	5,461	<b>8.79</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00	
39	6,269	6,269	<b>6.86</b>	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00	
40	7,191	7,191	<b>4.93</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00	
41	7,418	7,418	<b>4.49</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00	
42	8,541	8,541	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00	
43	9,143	9,143	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00	
44	7,852	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00	
45	8,232	8,232	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00	
46	7,793	7,793	<b>3.79</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00	
47	9,735	9,735	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00	
48	10,227	10,227	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00	
49	10,634	10,634	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00	
50	10,216	10,216	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00	
51	10,551	10,552	<b>-0.43</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00	
52	10,915	10,915	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00	
53	11,477	11,477	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00	
54	12,846	12,846	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00	
55	4,741	4,741	<b>10.75</b>	105.0	0.00	84.52	-	-	0.00	0.00	-	0.00	
56	5,100	5,100	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00	
57	5,527	5,528	<b>8.62</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00	
58	6,041	6,041	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00	
59	7,671	7,671	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00	

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	8,023	8,024	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
61	8,752	8,752	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
62	8,332	8,332	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
63	8,709	8,710	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
64	9,435	9,435	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
65	9,760	9,760	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
66	5,070	5,071	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
67	7,161	7,161	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
68	7,026	7,026	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
69	7,592	7,592	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
70	7,912	7,913	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
71	8,438	8,438	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
72	8,880	8,881	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
73	7,853	7,853	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
74	7,031	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
75	7,635	7,635	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
76	8,019	8,019	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
77	9,834	9,834	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
78	8,825	8,825	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
79	10,427	10,427	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
80	11,857	11,857	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
81	12,035	12,035	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
82	12,271	12,271	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
83	13,349	13,349	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
84	13,772	13,772	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
85	14,071	14,071	<b>-4.36</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
86	14,454	14,454	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
87	12,221	12,222	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
88	12,214	12,214	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
89	12,852	12,852	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
90	13,060	13,060	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
91	13,339	13,339	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
92	13,617	13,617	<b>-3.92</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
93	13,643	13,643	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
94	12,022	12,022	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
95	12,207	12,207	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
96	12,892	12,892	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
97	14,220	14,220	<b>-4.50</b>	105.0	0.00	94.06	-	-	0.00	0.00	-	0.00
98	14,096	14,096	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
99	14,371	14,371	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
100	14,738	14,738	<b>-4.98</b>	105.0	0.00	94.37	-	-	0.00	0.00	-	0.00

Sum 23.24

- Data undefined due to calculation with octave data

### Noise sensitive area: H448 H448

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,617	8,617	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
2	9,159	9,160	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
3	8,993	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
4	7,242	7,242	<b>4.83</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
5	7,388	7,388	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
6	8,394	8,394	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
7	8,699	8,700	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
8	9,256	9,256	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
9	8,314	8,314	<b>2.89</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
10	8,623	8,624	<b>2.37</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,121	10,121	<b>0.14</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
12	9,111	9,111	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
13	9,815	9,815	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
14	10,726	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
15	10,330	10,330	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
16	8,490	8,491	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
17	9,744	9,744	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
18	10,351	10,351	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
19	9,209	9,209	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
20	10,707	10,707	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
21	11,014	11,014	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
22	6,294	6,294	<b>6.80</b>	105.0	0.00	86.98	-	-	0.00	0.00	-	0.00
23	5,647	5,647	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
24	7,840	7,840	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
25	7,983	7,983	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
26	8,536	8,536	<b>2.52</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
27	9,112	9,112	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
28	9,066	9,066	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
29	10,007	10,007	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
30	10,429	10,429	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
31	10,913	10,913	<b>-0.90</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
32	9,959	9,959	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
33	11,979	11,979	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
34	12,428	12,428	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
35	5,328	5,328	<b>9.13</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
36	5,793	5,794	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
37	5,071	5,071	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
38	5,452	5,453	<b>8.81</b>	105.0	0.00	85.73	-	-	0.00	0.00	-	0.00
39	6,260	6,260	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
40	7,181	7,181	<b>4.94</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
41	7,411	7,411	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
42	8,532	8,532	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
43	9,136	9,136	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
44	7,844	7,844	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
45	8,225	8,225	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
46	7,788	7,788	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
47	9,728	9,729	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
48	10,221	10,221	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
49	10,627	10,627	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
50	10,212	10,212	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
51	10,547	10,547	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
52	10,910	10,911	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
53	11,471	11,471	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
54	12,840	12,840	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
55	4,738	4,739	<b>10.76</b>	105.0	0.00	84.51	-	-	0.00	0.00	-	0.00
56	5,099	5,099	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
57	5,525	5,526	<b>8.63</b>	105.0	0.00	85.85	-	-	0.00	0.00	-	0.00
58	6,039	6,039	<b>7.38</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
59	7,670	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
60	8,022	8,022	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
61	8,749	8,749	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
62	8,331	8,331	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
63	8,709	8,709	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
64	9,433	9,433	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
65	9,757	9,757	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
66	5,073	5,073	<b>9.81</b>	105.0	0.00	85.11	-	-	0.00	0.00	-	0.00
67	7,166	7,166	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
68	7,032	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
69	7,596	7,596	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,916	7,916	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
71	8,441	8,442	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
72	8,885	8,885	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
73	7,860	7,860	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
74	7,042	7,043	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
75	7,646	7,647	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
76	8,030	8,030	<b>3.37</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
77	9,843	9,843	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
78	8,837	8,837	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
79	10,439	10,439	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
80	11,866	11,866	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
81	12,045	12,046	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
82	12,281	12,281	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
83	13,357	13,357	<b>-3.66</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
84	13,782	13,782	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
85	14,080	14,081	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
86	14,464	14,464	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
87	12,236	12,236	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
88	12,226	12,227	<b>-2.45</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
89	12,865	12,865	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
90	13,072	13,072	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
91	13,352	13,352	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
92	13,630	13,630	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
93	13,654	13,654	<b>-3.95</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
94	12,039	12,039	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
95	12,223	12,223	<b>-2.45</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
96	12,909	12,909	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
97	14,235	14,235	<b>-4.51</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
98	14,110	14,110	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
99	14,385	14,385	<b>-4.65</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
100	14,752	14,752	<b>-4.99</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 23.25

- Data undefined due to calculation with octave data

### Noise sensitive area: H449 H449

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,601	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
2	9,144	9,145	<b>1.55</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
3	8,978	8,979	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
4	7,227	7,227	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
5	7,373	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
6	8,379	8,379	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
7	8,685	8,685	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
8	9,242	9,242	<b>1.41</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
9	8,300	8,300	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
10	8,609	8,610	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
11	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
12	9,098	9,098	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
13	9,802	9,802	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
14	10,713	10,713	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
15	10,318	10,318	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
16	8,478	8,478	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
17	9,732	9,732	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
18	10,339	10,339	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
19	9,197	9,197	<b>1.47</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
20	10,696	10,697	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,004	11,004	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
22	6,281	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
23	5,635	5,636	<b>8.35</b>	105.0	0.00	86.02	-	-	0.00	0.00	-	0.00
24	7,829	7,829	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
25	7,973	7,973	<b>3.47</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
26	8,526	8,526	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
27	9,103	9,103	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
28	9,058	9,058	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
29	9,998	9,998	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
30	10,420	10,420	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
31	10,905	10,905	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
32	9,951	9,951	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
33	11,971	11,971	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
34	12,421	12,421	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
35	5,318	5,318	<b>9.16</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
36	5,784	5,785	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
37	5,063	5,063	<b>9.84</b>	105.0	0.00	85.09	-	-	0.00	0.00	-	0.00
38	5,444	5,445	<b>8.83</b>	105.0	0.00	85.72	-	-	0.00	0.00	-	0.00
39	6,252	6,252	<b>6.89</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
40	7,172	7,172	<b>4.96</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
41	7,403	7,404	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
42	8,524	8,524	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
43	9,128	9,128	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
44	7,836	7,837	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
45	8,218	8,219	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
46	7,782	7,782	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
47	9,721	9,722	<b>0.70</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
48	10,214	10,214	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
49	10,620	10,620	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
50	10,206	10,206	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
51	10,541	10,541	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
52	10,904	10,904	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
53	11,464	11,464	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
54	12,834	12,834	<b>-3.11</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
55	4,733	4,734	<b>10.77</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
56	5,094	5,095	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
57	5,521	5,521	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
58	6,034	6,035	<b>7.39</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
59	7,665	7,665	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
60	8,017	8,017	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
61	8,744	8,744	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
62	8,327	8,327	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
63	8,705	8,705	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
64	9,428	9,428	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
65	9,752	9,752	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
66	5,071	5,072	<b>9.82</b>	105.0	0.00	85.10	-	-	0.00	0.00	-	0.00
67	7,165	7,165	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
68	7,031	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
69	7,595	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
70	7,915	7,915	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
71	8,440	8,440	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
72	8,884	8,884	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
73	7,860	7,860	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
74	7,045	7,046	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
75	7,649	7,650	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
76	8,033	8,033	<b>3.37</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
77	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
78	8,840	8,840	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
79	10,442	10,442	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,868	11,868	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
81	12,048	12,048	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
82	12,283	12,283	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
83	13,359	13,359	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
84	13,784	13,784	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
85	14,082	14,083	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
86	14,466	14,466	<b>-4.73</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
87	12,241	12,241	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
88	12,230	12,230	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
89	12,869	12,869	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
90	13,076	13,076	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
91	13,356	13,356	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
92	13,634	13,634	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
93	13,657	13,657	<b>-3.95</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
94	12,046	12,046	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
95	12,230	12,230	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
96	12,915	12,915	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
97	14,240	14,241	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
98	14,115	14,115	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
99	14,389	14,389	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
100	14,757	14,757	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00

Sum 23.27

- Data undefined due to calculation with octave data

### Noise sensitive area: H450 H450

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,537	8,537	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
2	9,081	9,081	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
3	8,917	8,917	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
4	7,164	7,164	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
5	7,312	7,312	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
6	8,320	8,320	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
7	8,627	8,627	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
8	9,187	9,187	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
9	8,245	8,245	<b>3.00</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
10	8,555	8,556	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
11	10,058	10,058	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
12	9,050	9,050	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
13	9,755	9,755	<b>0.65</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
14	10,667	10,667	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
15	10,276	10,276	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
16	8,432	8,432	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
17	9,691	9,691	<b>0.75</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
18	10,301	10,301	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
19	9,160	9,160	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
20	10,663	10,663	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
21	10,971	10,971	<b>-0.97</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
22	6,237	6,237	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
23	5,597	5,597	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
24	7,795	7,796	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
25	7,944	7,944	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
26	8,495	8,495	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
27	9,076	9,076	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
28	9,035	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
29	9,973	9,973	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
30	10,396	10,396	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,883	10,883	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
32	9,930	9,930	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
33	11,952	11,952	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
34	12,406	12,406	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
35	5,289	5,290	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
36	5,758	5,759	<b>8.05</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
37	5,042	5,043	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
38	5,426	5,426	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
39	6,232	6,232	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
40	7,149	7,149	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
41	7,388	7,388	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
42	8,504	8,504	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
43	9,110	9,110	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
44	7,819	7,819	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
45	8,204	8,204	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
46	7,771	7,771	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
47	9,707	9,707	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
48	10,200	10,200	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
49	10,606	10,606	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
50	10,198	10,198	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
51	10,531	10,532	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
52	10,894	10,894	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
53	11,450	11,450	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
54	12,821	12,821	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
55	4,729	4,730	<b>10.79</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
56	5,094	5,094	<b>9.76</b>	105.0	0.00	85.14	-	-	0.00	0.00	-	0.00
57	5,517	5,518	<b>8.65</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
58	6,032	6,032	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
59	7,663	7,663	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
60	8,015	8,015	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
61	8,738	8,739	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
62	8,328	8,328	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
63	8,705	8,705	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
64	9,424	9,424	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
65	9,746	9,746	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
66	5,081	5,081	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
67	7,179	7,179	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
68	7,048	7,049	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
69	7,609	7,609	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
70	7,927	7,927	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
71	8,451	8,451	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
72	8,898	8,898	<b>1.94</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
73	7,878	7,878	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
74	7,076	7,076	<b>5.15</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
75	7,680	7,680	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
76	8,062	8,063	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
77	9,867	9,867	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
78	8,872	8,873	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
79	10,474	10,474	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
80	11,892	11,892	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
81	12,077	12,077	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
82	12,311	12,311	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
83	13,382	13,382	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
84	13,811	13,811	<b>-4.11</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
85	14,109	14,109	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
86	14,492	14,492	<b>-4.75</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
87	12,280	12,280	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
88	12,262	12,263	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
89	12,903	12,903	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	13,107	13,108	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
91	13,391	13,391	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
92	13,668	13,668	<b>-3.97</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
93	13,686	13,686	<b>-3.98</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
94	12,091	12,091	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
95	12,273	12,273	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
96	12,959	12,959	<b>-3.25</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
97	14,280	14,280	<b>-4.56</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
98	14,152	14,152	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
99	14,424	14,425	<b>-4.69</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
100	14,795	14,796	<b>-5.03</b>	105.0	0.00	94.40	-	-	0.00	0.00	-	0.00

Sum 23.29

- Data undefined due to calculation with octave data

### Noise sensitive area: H451 H451

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,803	8,803	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
2	9,346	9,346	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
3	9,179	9,180	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
4	7,428	7,428	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
5	7,574	7,574	<b>4.20</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
6	8,579	8,579	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
7	8,883	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
8	9,438	9,439	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
9	8,495	8,496	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
10	8,804	8,804	<b>2.08</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
11	10,297	10,297	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
12	9,284	9,284	<b>1.34</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
13	9,987	9,987	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
14	10,897	10,897	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
15	10,494	10,494	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
16	8,660	8,660	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
17	9,906	9,906	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
18	10,508	10,508	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
19	9,366	9,366	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
20	10,856	10,856	<b>-0.83</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
21	11,163	11,163	<b>-1.21</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
22	6,462	6,462	<b>6.43</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
23	5,806	5,807	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
24	7,990	7,991	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
25	8,124	8,124	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
26	8,681	8,682	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
27	9,249	9,250	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
28	9,195	9,195	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
29	10,142	10,142	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
30	10,559	10,559	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
31	11,041	11,041	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
32	10,085	10,085	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
33	12,099	12,099	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
34	12,542	12,542	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
35	5,469	5,470	<b>8.77</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
36	5,930	5,930	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
37	5,196	5,197	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
38	5,574	5,575	<b>8.50</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
39	6,385	6,386	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
40	7,312	7,312	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,526	7,526	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
42	8,656	8,656	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
43	9,255	9,255	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
44	7,963	7,963	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
45	8,337	8,337	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
46	7,893	7,893	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
47	9,841	9,841	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
48	10,332	10,332	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
49	10,739	10,739	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
50	10,310	10,310	<b>-0.11</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
51	10,648	10,648	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
52	11,013	11,013	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
53	11,582	11,582	<b>-1.71</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
54	12,947	12,947	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
55	4,829	4,829	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
56	5,180	5,181	<b>9.52</b>	105.0	0.00	85.29	-	-	0.00	0.00	-	0.00
57	5,613	5,613	<b>8.40</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
58	6,124	6,125	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
59	7,754	7,754	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
60	8,107	8,107	<b>3.24</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
61	8,841	8,841	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
62	8,408	8,409	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
63	8,787	8,787	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
64	9,520	9,520	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
65	9,849	9,849	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
66	5,129	5,130	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
67	7,209	7,209	<b>4.89</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
68	7,067	7,068	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
69	7,641	7,641	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
70	7,965	7,965	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
71	8,492	8,492	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
72	8,928	8,929	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
73	7,892	7,892	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
74	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
75	7,642	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
76	8,028	8,029	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
77	9,859	9,859	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
78	8,827	8,827	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
79	10,431	10,431	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
80	11,879	11,879	<b>-2.06</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
81	12,045	12,045	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
82	12,285	12,285	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
83	13,372	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
84	13,787	13,787	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
85	14,088	14,088	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
86	14,472	14,472	<b>-4.74</b>	105.0	0.00	94.21	-	-	0.00	0.00	-	0.00
87	12,205	12,205	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
88	12,216	12,216	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
89	12,850	12,850	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
90	13,063	13,063	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
91	13,333	13,333	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
92	13,615	13,615	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
93	13,652	13,653	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
94	11,988	11,988	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
95	12,178	12,178	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
96	12,861	12,862	<b>-3.14</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
97	14,202	14,202	<b>-4.48</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
98	14,084	14,085	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
99	14,364	14,364	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00
100	14,723	14,723	<b>-4.97</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00

Sum 23.04

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H452 H452

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,116	9,116	<b>1.60</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
2	9,679	9,679	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
3	9,542	9,542	<b>0.96</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
4	7,761	7,761	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
5	7,940	7,940	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
6	8,978	8,978	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
7	9,307	9,308	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
8	9,888	9,888	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
9	8,953	8,953	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
10	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
11	10,807	10,807	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
12	9,812	9,812	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
13	10,522	10,523	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
14	11,435	11,435	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
15	11,067	11,067	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
16	9,207	9,208	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
17	10,485	10,485	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
18	11,105	11,105	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
19	9,964	9,964	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
20	11,477	11,477	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
21	11,786	11,786	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
22	7,019	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
23	6,400	6,400	<b>6.56</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
24	8,609	8,609	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
25	8,764	8,764	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
26	9,313	9,313	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
27	9,896	9,896	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
28	9,855	9,856	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
29	10,793	10,793	<b>-0.75</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
30	11,217	11,217	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
31	11,703	11,703	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
32	10,750	10,750	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
33	12,770	12,770	<b>-3.05</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
34	13,219	13,219	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
35	6,109	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
36	6,579	6,579	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
37	5,861	5,862	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
38	6,243	6,244	<b>6.91</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
39	7,051	7,051	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
40	7,970	7,970	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
41	8,202	8,202	<b>3.08</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
42	9,323	9,323	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
43	9,927	9,927	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
44	8,635	8,635	<b>2.36</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
45	9,015	9,016	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
46	8,576	8,576	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
47	10,519	10,519	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
48	11,011	11,011	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
49	11,418	11,418	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
50	10,996	10,996	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
51	11,333	11,333	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
52	11,697	11,697	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
53	12,261	12,261	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
54	13,629	13,629	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
55	5,516	5,517	<b>8.65</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
56	5,869	5,869	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
57	6,301	6,302	<b>6.78</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
58	6,813	6,813	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
59	8,442	8,442	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	8,795	8,795	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
61	9,529	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
62	9,096	9,096	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
63	9,475	9,475	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
64	10,208	10,208	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
65	10,537	10,537	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
66	5,811	5,811	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
67	7,881	7,881	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
68	7,733	7,733	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
69	8,314	8,314	<b>2.89</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
70	8,641	8,641	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
71	9,169	9,169	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
72	9,600	9,600	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
73	8,553	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
74	7,657	7,657	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
75	8,258	8,258	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
76	8,647	8,648	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
77	10,502	10,502	<b>-0.37</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
78	9,431	9,432	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
79	11,037	11,037	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
80	12,517	12,517	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
81	12,663	12,663	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
82	12,908	12,908	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
83	14,012	14,012	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
84	14,412	14,413	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
85	14,717	14,717	<b>-4.96</b>	105.0	0.00	94.36	-	-	0.00	0.00	-	0.00
86	15,102	15,102	<b>-5.31</b>	105.0	0.00	94.58	-	-	0.00	0.00	-	0.00
87	12,766	12,766	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
88	12,816	12,816	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
89	13,442	13,442	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
90	13,666	13,666	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
91	13,918	13,918	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
92	14,207	14,207	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00
93	14,268	14,268	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
94	12,502	12,502	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
95	12,705	12,705	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
96	13,384	13,384	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
97	14,755	14,755	<b>-5.00</b>	105.0	0.00	94.38	-	-	0.00	0.00	-	0.00
98	14,655	14,655	<b>-4.90</b>	105.0	0.00	94.32	-	-	0.00	0.00	-	0.00
99	14,945	14,945	<b>-5.17</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00
100	15,284	15,285	<b>-5.47</b>	105.0	0.00	94.69	-	-	0.00	0.00	-	0.00

Sum 21.85

- Data undefined due to calculation with octave data

### Noise sensitive area: H453 H453

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,850	8,850	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
2	9,392	9,392	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
3	9,223	9,223	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
4	7,475	7,475	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
5	7,618	7,618	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
6	8,620	8,620	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
7	8,922	8,922	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
8	9,474	9,474	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
9	8,530	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
10	8,838	8,838	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,325	10,325	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
12	9,310	9,310	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
13	10,012	10,012	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
14	10,922	10,922	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
15	10,513	10,513	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
16	8,684	8,684	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
17	9,924	9,924	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
18	10,523	10,523	<b>-0.40</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
19	9,381	9,381	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
20	10,867	10,867	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
21	11,173	11,173	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
22	6,485	6,485	<b>6.38</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
23	5,823	5,823	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
24	8,002	8,002	<b>3.42</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
25	8,130	8,131	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
26	8,690	8,690	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
27	9,254	9,254	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
28	9,195	9,195	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
29	10,144	10,145	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
30	10,560	10,560	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
31	11,041	11,041	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
32	10,083	10,083	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
33	12,095	12,095	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
34	12,535	12,535	<b>-2.79</b>	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
35	5,476	5,477	<b>8.75</b>	105.0	0.00	85.77	-	-	0.00	0.00	-	0.00
36	5,934	5,934	<b>7.63</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
37	5,195	5,196	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
38	5,571	5,572	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
39	6,384	6,384	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
40	7,313	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
41	7,520	7,520	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
42	8,653	8,654	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
43	9,250	9,250	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
44	7,958	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
45	8,329	8,329	<b>2.86</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
46	7,882	7,882	<b>3.63</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
47	9,833	9,833	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
48	10,324	10,324	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
49	10,731	10,731	<b>-0.67</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
50	10,297	10,297	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
51	10,635	10,635	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
52	11,001	11,001	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
53	11,574	11,574	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
54	12,937	12,937	<b>-3.22</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
55	4,813	4,814	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
56	5,161	5,162	<b>9.57</b>	105.0	0.00	85.26	-	-	0.00	0.00	-	0.00
57	5,596	5,596	<b>8.45</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
58	6,106	6,107	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
59	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
60	8,088	8,088	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
61	8,825	8,825	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
62	8,387	8,387	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
63	8,765	8,766	<b>2.15</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
64	9,502	9,502	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
65	9,833	9,833	<b>0.54</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
66	5,102	5,102	<b>9.74</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
67	7,177	7,177	<b>4.95</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
68	7,033	7,033	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
69	7,609	7,609	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,934	7,935	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
71	8,462	8,462	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
72	8,896	8,896	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
73	7,856	7,856	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
74	6,994	6,995	<b>5.32</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
75	7,597	7,597	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
76	7,984	7,984	<b>3.45</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
77	9,819	9,819	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
78	8,780	8,780	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
79	10,384	10,384	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
80	11,838	11,838	<b>-2.01</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
81	12,000	12,000	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
82	12,241	12,241	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
83	13,332	13,332	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
84	13,744	13,744	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
85	14,045	14,045	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
86	14,429	14,429	<b>-4.70</b>	105.0	0.00	94.18	-	-	0.00	0.00	-	0.00
87	12,153	12,153	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
88	12,168	12,168	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
89	12,801	12,801	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
90	13,016	13,016	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
91	13,284	13,284	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
92	13,567	13,567	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
93	13,607	13,607	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
94	11,932	11,932	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
95	12,123	12,123	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
96	12,806	12,807	<b>-3.08</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
97	14,149	14,149	<b>-4.43</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
98	14,034	14,034	<b>-4.32</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
99	14,314	14,314	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00
100	14,671	14,671	<b>-4.92</b>	105.0	0.00	94.33	-	-	0.00	0.00	-	0.00

Sum 23.06

- Data undefined due to calculation with octave data

### Noise sensitive area: H454 H454

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,838	8,838	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
2	9,378	9,378	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
3	9,207	9,207	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
4	7,461	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
5	7,602	7,602	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
6	8,601	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
7	8,901	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
8	9,452	9,452	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
9	8,508	8,508	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
10	8,815	8,815	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
11	10,299	10,299	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
12	9,283	9,283	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
13	9,984	9,984	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
14	10,894	10,894	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
15	10,483	10,483	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
16	8,655	8,655	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
17	9,893	9,893	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
18	10,491	10,491	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
19	9,349	9,349	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
20	10,832	10,832	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,138	11,138	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
22	6,456	6,456	<b>6.44</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
23	5,791	5,792	<b>7.97</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
24	7,968	7,968	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
25	8,095	8,095	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
26	8,655	8,655	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
27	9,217	9,217	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
28	9,157	9,157	<b>1.54</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
29	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
30	10,523	10,523	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
31	11,003	11,003	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
32	10,045	10,045	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
33	12,056	12,056	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
34	12,496	12,496	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
35	5,441	5,441	<b>8.84</b>	105.0	0.00	85.71	-	-	0.00	0.00	-	0.00
36	5,898	5,898	<b>7.71</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
37	5,158	5,158	<b>9.59</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
38	5,533	5,534	<b>8.61</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
39	6,346	6,346	<b>6.68</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
40	7,276	7,276	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
41	7,481	7,481	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
42	8,615	8,615	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
43	9,211	9,211	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
44	7,920	7,920	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
45	8,290	8,290	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
46	7,842	7,843	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
47	9,794	9,794	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
48	10,284	10,284	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
49	10,692	10,692	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
50	10,257	10,257	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
51	10,595	10,595	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
52	10,961	10,961	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
53	11,534	11,534	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
54	12,898	12,898	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
55	4,773	4,773	<b>10.66</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
56	5,121	5,121	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
57	5,555	5,556	<b>8.55</b>	105.0	0.00	85.90	-	-	0.00	0.00	-	0.00
58	6,066	6,066	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
59	7,694	7,695	<b>3.97</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
60	8,048	8,048	<b>3.34</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
61	8,785	8,785	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
62	8,346	8,346	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
63	8,725	8,725	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
64	9,461	9,462	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
65	9,793	9,793	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
66	5,061	5,061	<b>9.85</b>	105.0	0.00	85.08	-	-	0.00	0.00	-	0.00
67	7,136	7,136	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
68	6,992	6,992	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
69	7,568	7,569	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
70	7,893	7,894	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
71	8,421	8,421	<b>2.71</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
72	8,855	8,855	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
73	7,815	7,816	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
74	6,956	6,956	<b>5.39</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
75	7,559	7,559	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
76	7,945	7,945	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
77	9,779	9,779	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
78	8,742	8,742	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
79	10,346	10,347	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,798	11,799	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
81	11,962	11,962	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
82	12,202	12,202	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
83	13,292	13,292	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
84	13,705	13,705	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
85	14,006	14,006	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
86	14,390	14,390	<b>-4.66</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00
87	12,118	12,118	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
88	12,131	12,131	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
89	12,764	12,764	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
90	12,978	12,978	<b>-3.27</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
91	13,247	13,247	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
92	13,529	13,529	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
93	13,569	13,569	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
94	11,899	11,899	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
95	12,089	12,089	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
96	12,773	12,773	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
97	14,114	14,114	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
98	13,997	13,998	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
99	14,278	14,278	<b>-4.55</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
100	14,635	14,635	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00

Sum 23.13

- Data undefined due to calculation with octave data

### Noise sensitive area: H455 H455

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,775	8,775	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
2	9,314	9,314	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
3	9,141	9,141	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
4	7,398	7,398	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
5	7,536	7,536	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
6	8,533	8,533	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
7	8,832	8,832	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
8	9,381	9,381	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
9	8,436	8,437	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
10	8,743	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
11	10,225	10,225	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
12	9,208	9,208	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
13	9,909	9,909	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
14	10,819	10,819	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
15	10,407	10,407	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
16	8,580	8,580	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
17	9,817	9,817	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
18	10,415	10,415	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
19	9,272	9,272	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
20	10,756	10,756	<b>-0.70</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
21	11,062	11,062	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
22	6,380	6,381	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
23	5,715	5,715	<b>8.15</b>	105.0	0.00	86.14	-	-	0.00	0.00	-	0.00
24	7,891	7,892	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
25	8,019	8,019	<b>3.39</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
26	8,579	8,579	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
27	9,142	9,142	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
28	9,083	9,083	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
29	10,033	10,033	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
30	10,448	10,448	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,929	10,929	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
32	9,971	9,971	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
33	11,983	11,983	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
34	12,424	12,424	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
35	5,365	5,365	<b>9.04</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
36	5,822	5,823	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
37	5,083	5,084	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
38	5,460	5,460	<b>8.79</b>	105.0	0.00	85.74	-	-	0.00	0.00	-	0.00
39	6,272	6,272	<b>6.85</b>	105.0	0.00	86.95	-	-	0.00	0.00	-	0.00
40	7,201	7,201	<b>4.91</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
41	7,408	7,408	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
42	8,542	8,542	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
43	9,138	9,138	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
44	7,847	7,847	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
45	8,218	8,218	<b>3.05</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
46	7,772	7,772	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
47	9,722	9,722	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
48	10,213	10,213	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
49	10,620	10,620	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
50	10,188	10,188	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
51	10,526	10,526	<b>-0.40</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
52	10,891	10,891	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
53	11,463	11,463	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
54	12,827	12,827	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
55	4,705	4,705	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
56	5,055	5,055	<b>9.86</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
57	5,488	5,489	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
58	5,999	5,999	<b>7.47</b>	105.0	0.00	86.56	-	-	0.00	0.00	-	0.00
59	7,628	7,628	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
60	7,981	7,981	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
61	8,717	8,717	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
62	8,282	8,282	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
63	8,660	8,660	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
64	9,395	9,395	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
65	9,725	9,725	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
66	5,001	5,001	<b>10.01</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
67	7,080	7,081	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
68	6,939	6,939	<b>5.43</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
69	7,512	7,513	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
70	7,836	7,837	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
71	8,363	8,364	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
72	8,800	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
73	7,763	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
74	6,915	6,916	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
75	7,519	7,519	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
76	7,904	7,904	<b>3.60</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
77	9,732	9,732	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
78	8,704	8,704	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
79	10,308	10,308	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
80	11,753	11,753	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
81	11,921	11,921	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
82	12,159	12,160	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
83	13,246	13,246	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
84	13,662	13,662	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
85	13,962	13,962	<b>-4.25</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
86	14,346	14,346	<b>-4.62</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
87	12,088	12,088	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
88	12,093	12,093	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
89	12,728	12,728	<b>-3.00</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,940	12,940	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
91	13,213	13,213	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
92	13,494	13,494	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
93	13,528	13,528	<b>-3.83</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00
94	11,877	11,877	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
95	12,065	12,065	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
96	12,749	12,750	<b>-3.02</b>	105.0	0.00	93.11	-	-	0.00	0.00	-	0.00
97	14,085	14,085	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
98	13,966	13,966	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
99	14,244	14,244	<b>-4.52</b>	105.0	0.00	94.07	-	-	0.00	0.00	-	0.00
100	14,605	14,605	<b>-4.86</b>	105.0	0.00	94.29	-	-	0.00	0.00	-	0.00

Sum 23.27

- Data undefined due to calculation with octave data

### Noise sensitive area: H456 H456

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,812	8,812	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
2	9,347	9,348	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
3	9,171	9,171	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
4	7,432	7,433	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
5	7,566	7,566	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
6	8,558	8,558	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
7	8,852	8,852	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
8	9,397	9,397	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
9	8,451	8,452	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
10	8,756	8,756	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
11	10,229	10,229	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
12	9,209	9,209	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
13	9,908	9,908	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
14	10,818	10,818	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
15	10,397	10,398	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
16	8,577	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
17	9,807	9,807	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
18	10,400	10,400	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
19	9,257	9,257	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
20	10,734	10,734	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
21	11,040	11,040	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
22	6,377	6,377	<b>6.61</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
23	5,703	5,704	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
24	7,871	7,872	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
25	7,992	7,992	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
26	8,554	8,554	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
27	9,112	9,112	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
28	9,048	9,048	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
29	10,001	10,001	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
30	10,414	10,414	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
31	10,893	10,893	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
32	9,934	9,934	<b>0.40</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
33	11,942	11,942	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
34	12,380	12,380	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
35	5,339	5,339	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
36	5,793	5,793	<b>7.96</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
37	5,047	5,048	<b>9.89</b>	105.0	0.00	85.06	-	-	0.00	0.00	-	0.00
38	5,421	5,422	<b>8.89</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
39	6,235	6,236	<b>6.93</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
40	7,168	7,168	<b>4.97</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,366	7,366	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
42	8,503	8,504	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
43	9,097	9,098	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
44	7,806	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
45	8,173	8,173	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
46	7,724	7,724	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
47	9,677	9,677	<b>0.77</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
48	10,167	10,167	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
49	10,575	10,575	<b>-0.46</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
50	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
51	10,475	10,475	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00
52	10,841	10,841	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
53	11,417	11,417	<b>-1.52</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
54	12,779	12,779	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
55	4,651	4,652	<b>11.02</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
56	4,997	4,998	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
57	5,433	5,433	<b>8.86</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
58	5,943	5,943	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
59	7,571	7,571	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
60	7,924	7,925	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
61	8,663	8,663	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
62	8,222	8,222	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
63	8,600	8,600	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
64	9,339	9,339	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
65	9,671	9,671	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
66	4,934	4,935	<b>10.20</b>	105.0	0.00	84.87	-	-	0.00	0.00	-	0.00
67	7,009	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
68	6,866	6,866	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
69	7,442	7,442	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
70	7,767	7,767	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
71	8,294	8,295	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
72	8,728	8,729	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
73	7,689	7,689	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
74	6,833	6,834	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
75	7,437	7,437	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
76	7,822	7,823	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
77	9,654	9,654	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
78	8,621	8,621	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
79	10,225	10,225	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
80	11,674	11,674	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
81	11,839	11,839	<b>-2.01</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
82	12,079	12,079	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
83	13,167	13,167	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
84	13,581	13,581	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
85	13,882	13,882	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
86	14,266	14,266	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00
87	12,002	12,002	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
88	12,010	12,010	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
89	12,644	12,645	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
90	12,857	12,857	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
91	13,128	13,128	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
92	13,410	13,410	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
93	13,446	13,447	<b>-3.75</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
94	11,790	11,790	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
95	11,978	11,978	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
96	12,662	12,662	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
97	13,999	13,999	<b>-4.29</b>	105.0	0.00	93.92	-	-	0.00	0.00	-	0.00
98	13,880	13,880	<b>-4.17</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00
99	14,159	14,159	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
100	14,519	14,519	<b>-4.78</b>	105.0	0.00	94.24	-	-	0.00	0.00	-	0.00

Sum 23.35

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H457 H457

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,840	8,840	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
	2	9,373	9,373	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
	3	9,192	9,193	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	4	7,459	7,459	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
	5	7,588	7,588	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
	6	8,575	8,575	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
	7	8,865	8,866	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
	8	9,406	9,406	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
	9	8,460	8,460	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
	10	8,763	8,763	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
	11	10,229	10,229	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
	12	9,206	9,206	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
	13	9,903	9,903	<b>0.45</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
	14	10,812	10,812	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
	15	10,385	10,385	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
	16	8,570	8,571	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
	17	9,793	9,793	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
	18	10,382	10,382	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
	19	9,240	9,240	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
	20	10,710	10,710	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
	21	11,015	11,015	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
	22	6,370	6,370	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
	23	5,688	5,689	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
	24	7,849	7,849	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
	25	7,964	7,964	<b>3.49</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
	26	8,528	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
	27	9,081	9,081	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
	28	9,012	9,012	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
	29	9,968	9,968	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
	30	10,379	10,379	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	31	10,857	10,857	<b>-0.83</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
	32	9,897	9,897	<b>0.45</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
	33	11,902	11,902	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
	34	12,337	12,337	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
	35	5,312	5,313	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
	36	5,763	5,763	<b>8.04</b>	105.0	0.00	86.21	-	-	0.00	0.00	-	0.00
	37	5,012	5,012	<b>9.98</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
	38	5,383	5,384	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
	39	6,199	6,199	<b>7.01</b>	105.0	0.00	86.85	-	-	0.00	0.00	-	0.00
	40	7,134	7,134	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
	41	7,324	7,324	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
	42	8,465	8,466	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
	43	9,057	9,057	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
	44	7,766	7,766	<b>3.84</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
	45	8,129	8,129	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	46	7,677	7,678	<b>4.00</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
	47	9,634	9,634	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
	48	10,123	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
	49	10,531	10,532	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
	50	10,087	10,087	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
	51	10,427	10,427	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
	52	10,793	10,793	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
	53	11,373	11,373	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
	54	12,733	12,733	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
	55	4,600	4,601	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
	56	4,943	4,944	<b>10.17</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
	57	5,381	5,381	<b>8.99</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
	58	5,890	5,890	<b>7.73</b>	105.0	0.00	86.40	-	-	0.00	0.00	-	0.00
	59	7,517	7,517	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,871	7,871	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
61	8,611	8,611	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
62	8,165	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
63	8,544	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
64	9,285	9,285	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
65	9,619	9,619	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
66	4,872	4,873	<b>10.37</b>	105.0	0.00	84.76	-	-	0.00	0.00	-	0.00
67	6,943	6,944	<b>5.42</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
68	6,798	6,799	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
69	7,376	7,376	<b>4.57</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
70	7,702	7,703	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
71	8,230	8,231	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
72	8,663	8,663	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
73	7,621	7,621	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
74	6,759	6,760	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
75	7,362	7,363	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
76	7,749	7,749	<b>3.87</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
77	9,583	9,583	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
78	8,546	8,546	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
79	10,150	10,150	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
80	11,602	11,602	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
81	11,765	11,765	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
82	12,005	12,005	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
83	13,096	13,096	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
84	13,508	13,508	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00
85	13,809	13,809	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
86	14,193	14,194	<b>-4.47</b>	105.0	0.00	94.04	-	-	0.00	0.00	-	0.00
87	11,925	11,925	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
88	11,935	11,935	<b>-2.12</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
89	12,569	12,569	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
90	12,782	12,783	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
91	13,052	13,053	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
92	13,334	13,334	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
93	13,372	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
94	11,712	11,712	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
95	11,900	11,901	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
96	12,585	12,585	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
97	13,922	13,922	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
98	13,804	13,804	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
99	14,083	14,083	<b>-4.37</b>	105.0	0.00	93.97	-	-	0.00	0.00	-	0.00
100	14,442	14,443	<b>-4.71</b>	105.0	0.00	94.19	-	-	0.00	0.00	-	0.00

Sum 23.44

- Data undefined due to calculation with octave data

### Noise sensitive area: H458 H458

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,858	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
2	9,389	9,389	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
3	9,205	9,206	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
4	7,476	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
5	7,602	7,602	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
6	8,584	8,584	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
7	8,872	8,872	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
8	9,409	9,409	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
9	8,463	8,463	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
10	8,764	8,764	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,224	10,224	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
12	9,198	9,198	<b>1.47</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
13	9,895	9,895	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
14	10,803	10,803	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
15	10,370	10,370	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
16	8,561	8,561	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
17	9,778	9,778	<b>0.62</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
18	10,363	10,363	<b>-0.18</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
19	9,221	9,221	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
20	10,687	10,687	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
21	10,992	10,992	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
22	6,360	6,360	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
23	5,673	5,673	<b>8.26</b>	105.0	0.00	86.08	-	-	0.00	0.00	-	0.00
24	7,827	7,828	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
25	7,938	7,938	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
26	8,504	8,504	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
27	9,053	9,053	<b>1.70</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
28	8,980	8,980	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
29	9,939	9,939	<b>0.40</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
30	10,348	10,348	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
31	10,824	10,824	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
32	9,864	9,864	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
33	11,867	11,867	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
34	12,299	12,299	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
35	5,287	5,288	<b>9.24</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
36	5,735	5,735	<b>8.10</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
37	4,980	4,980	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
38	5,350	5,350	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
39	6,166	6,167	<b>7.09</b>	105.0	0.00	86.80	-	-	0.00	0.00	-	0.00
40	7,103	7,103	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
41	7,287	7,287	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
42	8,432	8,432	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
43	9,021	9,022	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
44	7,731	7,731	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
45	8,091	8,091	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
46	7,637	7,638	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
47	9,596	9,596	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
48	10,085	10,085	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
49	10,493	10,493	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
50	10,045	10,045	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
51	10,385	10,385	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
52	10,752	10,752	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
53	11,334	11,334	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
54	12,693	12,693	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
55	4,557	4,558	<b>11.30</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
56	4,898	4,898	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
57	5,337	5,337	<b>9.11</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
58	5,845	5,845	<b>7.84</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
59	7,471	7,471	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
60	7,825	7,825	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
61	8,567	8,567	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
62	8,118	8,118	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
63	8,496	8,497	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
64	9,240	9,240	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
65	9,575	9,575	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
66	4,821	4,821	<b>10.52</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
67	6,889	6,890	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
68	6,743	6,743	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
69	7,322	7,323	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,649	7,649	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
71	8,177	8,177	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
72	8,608	8,609	<b>2.40</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
73	7,565	7,565	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
74	6,700	6,700	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
75	7,303	7,303	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
76	7,689	7,689	<b>3.98</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
77	9,525	9,525	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
78	8,486	8,486	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
79	10,090	10,090	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
80	11,543	11,544	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
81	11,706	11,706	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
82	11,946	11,946	<b>-2.14</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
83	13,037	13,037	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
84	13,449	13,449	<b>-3.75</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
85	13,750	13,750	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
86	14,135	14,135	<b>-4.42</b>	105.0	0.00	94.01	-	-	0.00	0.00	-	0.00
87	11,864	11,864	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
88	11,875	11,875	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
89	12,508	12,508	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
90	12,722	12,722	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
91	12,992	12,992	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
92	13,273	13,274	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
93	13,313	13,313	<b>-3.61</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
94	11,651	11,651	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
95	11,839	11,839	<b>-2.01</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
96	12,523	12,524	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
97	13,861	13,861	<b>-4.16</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
98	13,743	13,743	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
99	14,022	14,022	<b>-4.31</b>	105.0	0.00	93.94	-	-	0.00	0.00	-	0.00
100	14,381	14,381	<b>-4.65</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00

Sum 23.51

- Data undefined due to calculation with octave data

### Noise sensitive area: H459 H459

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,878	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
2	9,408	9,408	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
3	9,224	9,225	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
4	7,496	7,496	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
5	7,621	7,621	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
6	8,602	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
7	8,889	8,890	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
8	9,426	9,426	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
9	8,479	8,479	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
10	8,781	8,781	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
11	10,238	10,239	<b>-0.02</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
12	9,213	9,213	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
13	9,909	9,909	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
14	10,817	10,817	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
15	10,382	10,382	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
16	8,574	8,574	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
17	9,790	9,790	<b>0.61</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
18	10,374	10,374	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
19	9,232	9,232	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
20	10,697	10,697	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,001	11,001	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
22	6,373	6,374	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
23	5,684	5,685	<b>8.23</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
24	7,837	7,837	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
25	7,946	7,946	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
26	8,512	8,512	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
27	9,060	9,060	<b>1.68</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
28	8,986	8,986	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
29	9,945	9,945	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
30	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
31	10,830	10,830	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
32	9,869	9,869	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
33	11,871	11,871	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
34	12,303	12,303	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
35	5,296	5,296	<b>9.22</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
36	5,742	5,743	<b>8.09</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
37	4,986	4,986	<b>10.06</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
38	5,355	5,356	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
39	6,172	6,172	<b>7.07</b>	105.0	0.00	86.81	-	-	0.00	0.00	-	0.00
40	7,109	7,110	<b>5.09</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
41	7,291	7,291	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
42	8,437	8,437	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
43	9,026	9,026	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
44	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
45	8,094	8,095	<b>3.26</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
46	7,639	7,640	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
47	9,599	9,599	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
48	10,088	10,088	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
49	10,496	10,496	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
50	10,046	10,046	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
51	10,386	10,386	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
52	10,753	10,753	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
53	11,337	11,337	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
54	12,695	12,695	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
55	4,558	4,558	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
56	4,897	4,897	<b>10.30</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
57	5,337	5,337	<b>9.11</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
58	5,844	5,845	<b>7.84</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
59	7,471	7,471	<b>4.39</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
60	7,824	7,824	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
61	8,567	8,568	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
62	8,116	8,116	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
63	8,495	8,495	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
64	9,239	9,240	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
65	9,575	9,575	<b>0.91</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
66	4,817	4,817	<b>10.53</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
67	6,883	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
68	6,736	6,736	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
69	7,316	7,317	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
70	7,644	7,644	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
71	8,172	8,172	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
72	8,602	8,602	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
73	7,557	7,557	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
74	6,688	6,688	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
75	7,291	7,291	<b>4.73</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
76	7,678	7,678	<b>4.00</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
77	9,515	9,516	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
78	8,474	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
79	10,078	10,078	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,534	11,534	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
81	11,694	11,694	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
82	11,935	11,935	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
83	13,028	13,028	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
84	13,438	13,438	<b>-3.74</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
85	13,740	13,740	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
86	14,124	14,124	<b>-4.41</b>	105.0	0.00	94.00	-	-	0.00	0.00	-	0.00
87	11,850	11,850	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
88	11,862	11,862	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
89	12,495	12,496	<b>-2.75</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
90	12,710	12,710	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
91	12,978	12,979	<b>-3.27</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
92	13,261	13,261	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
93	13,301	13,301	<b>-3.60</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
94	11,635	11,635	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
95	11,823	11,823	<b>-2.00</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
96	12,507	12,508	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
97	13,846	13,846	<b>-4.14</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
98	13,729	13,729	<b>-4.03</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
99	14,009	14,009	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
100	14,367	14,367	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 23.51

- Data undefined due to calculation with octave data

### Noise sensitive area: H460 H460

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,934	8,934	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
2	9,464	9,464	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
3	9,279	9,279	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
4	7,552	7,552	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
5	7,676	7,676	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
6	8,656	8,656	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
7	8,941	8,941	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
8	9,477	9,477	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
9	8,529	8,530	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
10	8,830	8,830	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
11	10,284	10,284	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
12	9,257	9,257	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
13	9,952	9,952	<b>0.38</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
14	10,860	10,860	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
15	10,422	10,422	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
16	8,617	8,617	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
17	9,829	9,829	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
18	10,411	10,411	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
19	9,269	9,269	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
20	10,729	10,729	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
21	11,033	11,033	<b>-1.05</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
22	6,416	6,417	<b>6.53</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
23	5,723	5,724	<b>8.13</b>	105.0	0.00	86.15	-	-	0.00	0.00	-	0.00
24	7,871	7,871	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
25	7,976	7,976	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
26	8,544	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
27	9,088	9,088	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
28	9,011	9,011	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
29	9,972	9,972	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
30	10,379	10,379	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,853	10,853	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
32	9,892	9,892	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
33	11,891	11,891	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
34	12,320	12,320	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
35	5,327	5,327	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
36	5,771	5,772	<b>8.02</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
37	5,011	5,011	<b>9.99</b>	105.0	0.00	85.00	-	-	0.00	0.00	-	0.00
38	5,378	5,379	<b>9.00</b>	105.0	0.00	85.61	-	-	0.00	0.00	-	0.00
39	6,196	6,196	<b>7.02</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
40	7,135	7,135	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
41	7,310	7,311	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
42	8,459	8,459	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
43	9,046	9,046	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
44	7,756	7,756	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
45	8,112	8,112	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
46	7,655	7,655	<b>4.05</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
47	9,617	9,617	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
48	10,105	10,105	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
49	10,514	10,514	<b>-0.38</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
50	10,058	10,058	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
51	10,400	10,400	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
52	10,767	10,767	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
53	11,354	11,354	<b>-1.44</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
54	12,711	12,711	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
55	4,570	4,570	<b>11.26</b>	105.0	0.00	84.20	-	-	0.00	0.00	-	0.00
56	4,905	4,906	<b>10.28</b>	105.0	0.00	84.81	-	-	0.00	0.00	-	0.00
57	5,347	5,347	<b>9.08</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
58	5,853	5,854	<b>7.82</b>	105.0	0.00	86.35	-	-	0.00	0.00	-	0.00
59	7,478	7,479	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
60	7,832	7,832	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
61	8,578	8,578	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
62	8,121	8,121	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
63	8,500	8,500	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
64	9,248	9,248	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
65	9,585	9,585	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
66	4,816	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
67	6,877	6,877	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
68	6,727	6,727	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
69	7,310	7,311	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
70	7,639	7,639	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
71	8,168	8,168	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
72	8,595	8,596	<b>2.42</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
73	7,547	7,547	<b>4.25</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
74	6,667	6,667	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
75	7,269	7,270	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
76	7,657	7,657	<b>4.04</b>	105.0	0.00	88.68	-	-	0.00	0.00	-	0.00
77	9,500	9,500	<b>1.02</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
78	8,450	8,450	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
79	10,055	10,055	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
80	11,517	11,517	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
81	11,673	11,673	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
82	11,915	11,915	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
83	13,011	13,011	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
84	13,418	13,419	<b>-3.72</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
85	13,721	13,721	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
86	14,105	14,106	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
87	11,819	11,820	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
88	11,838	11,838	<b>-2.01</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
89	12,470	12,470	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,686	12,686	<b>-2.96</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
91	12,952	12,952	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
92	13,235	13,235	<b>-3.53</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
93	13,280	13,280	<b>-3.58</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
94	11,599	11,599	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
95	11,789	11,789	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
96	12,473	12,473	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
97	13,815	13,815	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
98	13,700	13,700	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
99	13,982	13,982	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
100	14,337	14,337	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00

Sum 23.47

- Data undefined due to calculation with octave data

### Noise sensitive area: H461 H461

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,964	8,964	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
2	9,493	9,493	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
3	9,308	9,308	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
4	7,581	7,581	<b>4.18</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
5	7,704	7,704	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
6	8,683	8,683	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
7	8,968	8,969	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
8	9,503	9,503	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
9	8,555	8,556	<b>2.49</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
10	8,856	8,856	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
11	10,308	10,308	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
12	9,280	9,280	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
13	9,975	9,975	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
14	10,883	10,883	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
15	10,442	10,442	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
16	8,639	8,640	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
17	9,849	9,849	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
18	10,430	10,430	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
19	9,288	9,288	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
20	10,746	10,746	<b>-0.68</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
21	11,050	11,050	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
22	6,439	6,439	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
23	5,743	5,744	<b>8.08</b>	105.0	0.00	86.18	-	-	0.00	0.00	-	0.00
24	7,889	7,889	<b>3.62</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
25	7,991	7,991	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
26	8,560	8,560	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
27	9,103	9,103	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
28	9,023	9,023	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
29	9,986	9,986	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
30	10,392	10,392	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
31	10,865	10,866	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
32	9,903	9,904	<b>0.45</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
33	11,902	11,902	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
34	12,330	12,330	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
35	5,343	5,344	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
36	5,786	5,787	<b>7.98</b>	105.0	0.00	86.25	-	-	0.00	0.00	-	0.00
37	5,024	5,024	<b>9.95</b>	105.0	0.00	85.02	-	-	0.00	0.00	-	0.00
38	5,390	5,391	<b>8.97</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
39	6,208	6,209	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
40	7,149	7,149	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,320	7,321	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
42	8,471	8,471	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
43	9,057	9,057	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
44	7,767	7,767	<b>3.84</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
45	8,121	8,121	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
46	7,663	7,663	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
47	9,626	9,626	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
48	10,114	10,114	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
49	10,522	10,522	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
50	10,064	10,064	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
51	10,406	10,406	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
52	10,774	10,774	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
53	11,363	11,363	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
54	12,718	12,718	<b>-2.99</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
55	4,576	4,576	<b>11.24</b>	105.0	0.00	84.21	-	-	0.00	0.00	-	0.00
56	4,909	4,910	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
57	5,352	5,352	<b>9.07</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
58	5,858	5,858	<b>7.81</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
59	7,482	7,482	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
60	7,836	7,836	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
61	8,583	8,583	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
62	8,123	8,124	<b>3.21</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
63	8,502	8,503	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
64	9,252	9,252	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
65	9,590	9,590	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
66	4,815	4,816	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
67	6,873	6,874	<b>5.56</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
68	6,722	6,722	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
69	7,307	7,307	<b>4.70</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
70	7,636	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
71	8,165	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
72	8,592	8,592	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
73	7,541	7,541	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
74	6,655	6,656	<b>6.01</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
75	7,258	7,258	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
76	7,645	7,646	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
77	9,491	9,491	<b>1.04</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
78	8,437	8,438	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
79	10,042	10,042	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
80	11,507	11,507	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
81	11,662	11,662	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
82	11,904	11,904	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
83	13,002	13,002	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
84	13,408	13,408	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
85	13,711	13,711	<b>-4.01</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
86	14,095	14,095	<b>-4.38</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
87	11,803	11,803	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
88	11,825	11,825	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
89	12,456	12,456	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
90	12,673	12,673	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
91	12,937	12,938	<b>-3.22</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
92	13,221	13,221	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
93	13,268	13,268	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
94	11,580	11,580	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
95	11,771	11,771	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
96	12,454	12,454	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
97	13,798	13,799	<b>-4.09</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
98	13,685	13,685	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
99	13,967	13,967	<b>-4.26</b>	105.0	0.00	93.90	-	-	0.00	0.00	-	0.00
100	14,321	14,321	<b>-4.59</b>	105.0	0.00	94.12	-	-	0.00	0.00	-	0.00

Sum 23.46

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H462 H462

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
	2	9,523	9,523	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
	3	9,337	9,337	<b>1.26</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
	4	7,611	7,612	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
	5	7,734	7,734	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
	6	8,712	8,712	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
	7	8,996	8,997	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
	8	9,530	9,530	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
	9	8,582	8,583	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
	10	8,882	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
	11	10,333	10,333	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
	12	9,304	9,304	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	13	9,999	9,999	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
	14	10,906	10,906	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
	15	10,464	10,464	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
	16	8,663	8,663	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
	17	9,870	9,870	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
	18	10,449	10,449	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
	19	9,307	9,307	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
	20	10,764	10,764	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
	21	11,067	11,067	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
	22	6,462	6,462	<b>6.43</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
	23	5,764	5,765	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
	24	7,907	7,907	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
	25	8,007	8,007	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
	26	8,577	8,577	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
	27	9,118	9,118	<b>1.60</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
	28	9,036	9,036	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
	29	10,000	10,000	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
	30	10,405	10,405	<b>-0.24</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
	31	10,878	10,878	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
	32	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
	33	11,913	11,913	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
	34	12,339	12,339	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
	35	5,360	5,361	<b>9.05</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
	36	5,802	5,802	<b>7.94</b>	105.0	0.00	86.27	-	-	0.00	0.00	-	0.00
	37	5,037	5,038	<b>9.91</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
	38	5,403	5,403	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
	39	6,221	6,222	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00
	40	7,163	7,163	<b>4.98</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
	41	7,331	7,331	<b>4.65</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
	42	8,483	8,483	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
	43	9,067	9,068	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
	44	7,778	7,778	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
	45	8,131	8,131	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	46	7,671	7,671	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
	47	9,635	9,635	<b>0.83</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
	48	10,123	10,123	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
	49	10,532	10,532	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
	50	10,071	10,071	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
	51	10,413	10,413	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
	52	10,781	10,781	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
	53	11,372	11,372	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
	54	12,726	12,726	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
	55	4,582	4,583	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
	56	4,914	4,914	<b>10.26</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
	57	5,357	5,358	<b>9.06</b>	105.0	0.00	85.58	-	-	0.00	0.00	-	0.00
	58	5,863	5,863	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
	59	7,486	7,486	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,840	7,841	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
61	8,588	8,588	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
62	8,126	8,126	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
63	8,505	8,505	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
64	9,256	9,256	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
65	9,596	9,596	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
66	4,815	4,815	<b>10.54</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
67	6,870	6,870	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
68	6,717	6,717	<b>5.88</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
69	7,304	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
70	7,634	7,634	<b>4.08</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
71	8,163	8,163	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
72	8,588	8,588	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
73	7,535	7,536	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
74	6,644	6,644	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
75	7,246	7,246	<b>4.82</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
76	7,634	7,634	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
77	9,482	9,483	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
78	8,424	8,425	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
79	10,029	10,030	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
80	11,498	11,498	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
81	11,650	11,650	<b>-1.79</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
82	11,893	11,893	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
83	12,993	12,993	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
84	13,397	13,397	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
85	13,700	13,700	<b>-4.00</b>	105.0	0.00	93.73	-	-	0.00	0.00	-	0.00
86	14,085	14,085	<b>-4.37</b>	105.0	0.00	93.98	-	-	0.00	0.00	-	0.00
87	11,787	11,787	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
88	11,811	11,811	<b>-1.98</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
89	12,442	12,442	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
90	12,660	12,660	<b>-2.93</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
91	12,923	12,923	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
92	13,207	13,207	<b>-3.50</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
93	13,256	13,256	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
94	11,560	11,560	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
95	11,752	11,752	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
96	12,435	12,435	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
97	13,781	13,782	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
98	13,669	13,669	<b>-3.97</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
99	13,952	13,952	<b>-4.24</b>	105.0	0.00	93.89	-	-	0.00	0.00	-	0.00
100	14,305	14,305	<b>-4.58</b>	105.0	0.00	94.11	-	-	0.00	0.00	-	0.00

Sum 23.44

- Data undefined due to calculation with octave data

### Noise sensitive area: H463 H463

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,008	9,008	<b>1.76</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
2	9,539	9,539	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
3	9,356	9,357	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
4	7,626	7,626	<b>4.10</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
5	7,753	7,753	<b>3.87</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
6	8,735	8,735	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
7	9,023	9,023	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
8	9,560	9,560	<b>0.94</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
9	8,613	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
10	8,914	8,914	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,371	10,371	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
12	9,344	9,344	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
13	10,039	10,039	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
14	10,947	10,947	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
15	10,510	10,510	<b>-0.38</b>	105.0	0.00	91.43	-	-	0.00	0.00	-	0.00
16	8,704	8,704	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
17	9,916	9,916	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
18	10,499	10,499	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
19	9,357	9,357	<b>1.23</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
20	10,817	10,817	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
21	11,121	11,121	<b>-1.16</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
22	6,504	6,504	<b>6.34</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
23	5,811	5,812	<b>7.92</b>	105.0	0.00	86.29	-	-	0.00	0.00	-	0.00
24	7,959	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
25	8,063	8,063	<b>3.32</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
26	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
27	9,175	9,175	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
28	9,096	9,096	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
29	10,058	10,058	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
30	10,464	10,464	<b>-0.32</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
31	10,938	10,938	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
32	9,976	9,976	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
33	11,975	11,975	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
34	12,402	12,402	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
35	5,414	5,415	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00
36	5,858	5,858	<b>7.81</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00
37	5,096	5,097	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
38	5,463	5,463	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
39	6,281	6,281	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
40	7,221	7,221	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
41	7,393	7,393	<b>4.53</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
42	8,543	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
43	9,129	9,129	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
44	7,839	7,840	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
45	8,194	8,194	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
46	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
47	9,698	9,698	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
48	10,186	10,186	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
49	10,595	10,595	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
50	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
51	10,478	10,479	<b>-0.34</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
52	10,846	10,846	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
53	11,435	11,435	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
54	12,791	12,791	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
55	4,648	4,648	<b>11.03</b>	105.0	0.00	84.35	-	-	0.00	0.00	-	0.00
56	4,981	4,981	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
57	5,424	5,424	<b>8.88</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
58	5,929	5,930	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
59	7,553	7,554	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
60	7,907	7,908	<b>3.59</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
61	8,655	8,655	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
62	8,194	8,194	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
63	8,573	8,573	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
64	9,323	9,323	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
65	9,662	9,662	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
66	4,884	4,884	<b>10.34</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
67	6,939	6,939	<b>5.43</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
68	6,786	6,787	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
69	7,373	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,703	7,703	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
71	8,232	8,232	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
72	8,657	8,657	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
73	7,605	7,605	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
74	6,711	6,711	<b>5.90</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
75	7,313	7,313	<b>4.69</b>	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
76	7,701	7,701	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
77	9,551	9,551	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
78	8,491	8,491	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
79	10,096	10,096	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
80	11,566	11,566	<b>-1.70</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
81	11,717	11,717	<b>-1.87</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
82	11,961	11,961	<b>-2.15</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
83	13,061	13,061	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
84	13,464	13,465	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
85	13,768	13,768	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
86	14,153	14,153	<b>-4.44</b>	105.0	0.00	94.02	-	-	0.00	0.00	-	0.00
87	11,850	11,850	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
88	11,877	11,877	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
89	12,507	12,507	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
90	12,726	12,726	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
91	12,988	12,988	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
92	13,272	13,272	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
93	13,323	13,323	<b>-3.62</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
94	11,620	11,620	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
95	11,812	11,812	<b>-1.98</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
96	12,495	12,495	<b>-2.75</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
97	13,844	13,844	<b>-4.14</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
98	13,733	13,733	<b>-4.03</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
99	14,016	14,017	<b>-4.31</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
100	14,368	14,368	<b>-4.64</b>	105.0	0.00	94.15	-	-	0.00	0.00	-	0.00

Sum 23.32

- Data undefined due to calculation with octave data

### Noise sensitive area: H464 H464

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,982	8,982	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
2	9,509	9,510	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
3	9,321	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
4	7,599	7,599	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
5	7,719	7,719	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
6	8,694	8,694	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
7	8,976	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
8	9,508	9,508	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
9	8,560	8,560	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
10	8,859	8,859	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
11	10,306	10,306	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
12	9,276	9,276	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
13	9,970	9,970	<b>0.35</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
14	10,877	10,877	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
15	10,432	10,432	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
16	8,633	8,633	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
17	9,837	9,837	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
18	10,415	10,416	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
19	9,274	9,274	<b>1.36</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
20	10,728	10,728	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	11,031	11,031	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
22	6,432	6,433	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
23	5,732	5,733	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
24	7,872	7,872	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
25	7,970	7,970	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
26	8,540	8,540	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
27	9,079	9,079	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
28	8,997	8,997	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
29	9,961	9,961	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
30	10,365	10,366	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
31	10,838	10,838	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
32	9,876	9,876	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
33	11,872	11,872	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
34	12,297	12,297	<b>-2.53</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
35	5,324	5,324	<b>9.14</b>	105.0	0.00	85.52	-	-	0.00	0.00	-	0.00
36	5,764	5,764	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
37	4,998	4,999	<b>10.02</b>	105.0	0.00	84.98	-	-	0.00	0.00	-	0.00
38	5,363	5,363	<b>9.04</b>	105.0	0.00	85.59	-	-	0.00	0.00	-	0.00
39	6,182	6,182	<b>7.05</b>	105.0	0.00	86.82	-	-	0.00	0.00	-	0.00
40	7,124	7,124	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
41	7,290	7,290	<b>4.73</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
42	8,443	8,443	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
43	9,027	9,027	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
44	7,737	7,737	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
45	8,089	8,089	<b>3.27</b>	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
46	7,629	7,629	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
47	9,593	9,593	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
48	10,081	10,081	<b>0.20</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
49	10,490	10,490	<b>-0.35</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
50	10,028	10,028	<b>0.27</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
51	10,370	10,371	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
52	10,738	10,739	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
53	11,330	11,330	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
54	12,684	12,684	<b>-2.95</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00
55	4,539	4,540	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
56	4,871	4,871	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
57	5,314	5,315	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
58	5,819	5,820	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
59	7,443	7,443	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
60	7,797	7,797	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
61	8,545	8,545	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
62	8,082	8,082	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
63	8,461	8,461	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
64	9,213	9,213	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
65	9,552	9,553	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
66	4,771	4,771	<b>10.66</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
67	6,826	6,826	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
68	6,673	6,674	<b>5.98</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
69	7,260	7,260	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
70	7,590	7,590	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
71	8,119	8,119	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
72	8,544	8,544	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
73	7,492	7,492	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
74	6,602	6,602	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
75	7,204	7,205	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
76	7,592	7,592	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
77	9,440	9,440	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
78	8,384	8,384	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
79	9,989	9,989	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,455	11,456	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
81	11,609	11,609	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
82	11,851	11,852	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
83	12,951	12,951	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
84	13,355	13,355	<b>-3.65</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
85	13,658	13,658	<b>-3.96</b>	105.0	0.00	93.71	-	-	0.00	0.00	-	0.00
86	14,043	14,043	<b>-4.33</b>	105.0	0.00	93.95	-	-	0.00	0.00	-	0.00
87	11,748	11,748	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
88	11,771	11,771	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
89	12,402	12,402	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
90	12,619	12,619	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
91	12,883	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
92	13,167	13,167	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
93	13,215	13,215	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
94	11,525	11,525	<b>-1.65</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
95	11,715	11,716	<b>-1.87</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
96	12,399	12,399	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
97	13,743	13,744	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
98	13,630	13,630	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00
99	13,912	13,913	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
100	14,266	14,266	<b>-4.54</b>	105.0	0.00	94.09	-	-	0.00	0.00	-	0.00

Sum 23.52

- Data undefined due to calculation with octave data

### Noise sensitive area: H465 H465

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,970	8,970	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
2	9,495	9,495	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
3	9,304	9,304	<b>1.31</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
4	7,586	7,586	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
5	7,702	7,702	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
6	8,673	8,673	<b>2.29</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
7	8,952	8,952	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
8	9,481	9,481	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
9	8,532	8,532	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
10	8,830	8,830	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
11	10,271	10,271	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
12	9,239	9,239	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
13	9,931	9,931	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
14	10,838	10,838	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
15	10,388	10,388	<b>-0.22</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
16	8,594	8,594	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
17	9,793	9,793	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
18	10,369	10,369	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
19	9,227	9,227	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
20	10,677	10,677	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
21	10,980	10,980	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
22	6,393	6,394	<b>6.58</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
23	5,688	5,689	<b>8.22</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
24	7,823	7,823	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
25	7,917	7,918	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
26	8,489	8,489	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
27	9,025	9,025	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
28	8,940	8,940	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
29	9,906	9,906	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
30	10,309	10,309	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,781	10,781	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
32	9,818	9,818	<b>0.57</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
33	11,813	11,813	<b>-1.98</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
34	12,237	12,237	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
35	5,273	5,273	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
36	5,711	5,711	<b>8.16</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
37	4,942	4,943	<b>10.18</b>	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
38	5,306	5,306	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
39	6,125	6,125	<b>7.18</b>	105.0	0.00	86.74	-	-	0.00	0.00	-	0.00
40	7,068	7,068	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
41	7,230	7,231	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
42	8,385	8,385	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
43	8,968	8,968	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
44	7,678	7,679	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
45	8,029	8,029	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
46	7,567	7,567	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
47	9,533	9,533	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
48	10,020	10,020	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
49	10,429	10,429	<b>-0.27</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
50	9,965	9,965	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
51	10,308	10,308	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
52	10,676	10,676	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
53	11,269	11,269	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
54	12,622	12,622	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
55	4,477	4,477	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
56	4,807	4,807	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
57	5,251	5,251	<b>9.34</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
58	5,756	5,756	<b>8.05</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
59	7,379	7,379	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
60	7,733	7,733	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
61	8,482	8,482	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
62	8,017	8,018	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
63	8,396	8,397	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
64	9,149	9,149	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
65	9,489	9,489	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
66	4,705	4,706	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
67	6,760	6,760	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
68	6,607	6,608	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
69	7,194	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
70	7,523	7,524	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
71	8,053	8,053	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
72	8,478	8,478	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
73	7,426	7,426	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
74	6,538	6,538	<b>6.26</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
75	7,140	7,141	<b>5.02</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
76	7,528	7,528	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
77	9,374	9,374	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
78	8,320	8,320	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
79	9,925	9,925	<b>0.41</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
80	11,390	11,390	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
81	11,544	11,545	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
82	11,787	11,787	<b>-1.95</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
83	12,885	12,885	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
84	13,291	13,291	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
85	13,593	13,593	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
86	13,978	13,978	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00
87	11,688	11,688	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
88	11,708	11,708	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
89	12,339	12,339	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,556	12,556	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
91	12,821	12,821	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
92	13,104	13,105	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
93	13,151	13,151	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
94	11,468	11,468	<b>-1.58</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
95	11,658	11,658	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
96	12,341	12,342	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
97	13,684	13,684	<b>-3.98</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
98	13,569	13,569	<b>-3.87</b>	105.0	0.00	93.65	-	-	0.00	0.00	-	0.00
99	13,851	13,851	<b>-4.15</b>	105.0	0.00	93.83	-	-	0.00	0.00	-	0.00
100	14,206	14,206	<b>-4.49</b>	105.0	0.00	94.05	-	-	0.00	0.00	-	0.00

Sum 23.64

- Data undefined due to calculation with octave data

### Noise sensitive area: H466 H466

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,950	8,950	<b>1.86</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
2	9,473	9,473	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
3	9,280	9,280	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
4	7,565	7,565	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
5	7,678	7,678	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
6	8,646	8,646	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
7	8,924	8,924	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
8	9,450	9,450	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
9	8,501	8,502	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
10	8,798	8,798	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
11	10,236	10,236	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
12	9,203	9,203	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
13	9,894	9,894	<b>0.46</b>	105.0	0.00	90.91	-	-	0.00	0.00	-	0.00
14	10,801	10,801	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
15	10,348	10,348	<b>-0.16</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
16	8,556	8,556	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
17	9,753	9,753	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
18	10,327	10,327	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
19	9,185	9,185	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
20	10,634	10,634	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
21	10,936	10,936	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
22	6,356	6,356	<b>6.66</b>	105.0	0.00	87.06	-	-	0.00	0.00	-	0.00
23	5,648	5,649	<b>8.32</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
24	7,780	7,780	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
25	7,873	7,873	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
26	8,445	8,445	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
27	8,980	8,980	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
28	8,894	8,894	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
29	9,860	9,860	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
30	10,263	10,263	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
31	10,734	10,734	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
32	9,771	9,771	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
33	11,765	11,765	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
34	12,189	12,189	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
35	5,229	5,229	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
36	5,666	5,666	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
37	4,896	4,896	<b>10.31</b>	105.0	0.00	84.80	-	-	0.00	0.00	-	0.00
38	5,259	5,260	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
39	6,078	6,079	<b>7.29</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
40	7,022	7,022	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,183	7,183	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
42	8,338	8,338	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
43	8,920	8,920	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
44	7,631	7,631	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
45	7,981	7,981	<b>3.46</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
46	7,519	7,519	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
47	9,485	9,485	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
48	9,972	9,972	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
49	10,381	10,381	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
50	9,917	9,917	<b>0.43</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
51	10,260	10,260	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
52	10,628	10,628	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
53	11,221	11,221	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
54	12,574	12,574	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
55	4,428	4,429	<b>11.69</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
56	4,758	4,759	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
57	5,202	5,203	<b>9.46</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
58	5,707	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
59	7,330	7,330	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
60	7,684	7,684	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
61	8,433	8,433	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
62	7,969	7,969	<b>3.48</b>	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
63	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
64	9,100	9,100	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
65	9,440	9,440	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
66	4,657	4,657	<b>11.00</b>	105.0	0.00	84.36	-	-	0.00	0.00	-	0.00
67	6,712	6,713	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
68	6,560	6,561	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
69	7,146	7,147	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
70	7,476	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
71	8,005	8,005	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
72	8,431	8,431	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
73	7,379	7,380	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
74	6,496	6,496	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
75	7,098	7,098	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
76	7,485	7,486	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
77	9,330	9,330	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
78	8,279	8,279	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
79	9,884	9,884	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
80	11,346	11,346	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
81	11,502	11,502	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
82	11,744	11,744	<b>-1.90</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
83	12,841	12,841	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
84	13,247	13,248	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
85	13,550	13,550	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
86	13,934	13,935	<b>-4.23</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00
87	11,650	11,650	<b>-1.79</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
88	11,667	11,667	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
89	12,299	12,299	<b>-2.53</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
90	12,515	12,515	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
91	12,781	12,781	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
92	13,064	13,064	<b>-3.36</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
93	13,108	13,109	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
94	11,434	11,434	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
95	11,623	11,623	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
96	12,307	12,307	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00
97	13,646	13,647	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
98	13,530	13,530	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
99	13,811	13,811	<b>-4.11</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00
100	14,168	14,168	<b>-4.45</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00

Sum 23.74

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H467 H467

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,927	8,927	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
	2	9,448	9,448	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
	3	9,252	9,252	<b>1.39</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
	4	7,541	7,541	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
	5	7,651	7,652	<b>4.05</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
	6	8,615	8,615	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
	7	8,890	8,890	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
	8	9,413	9,413	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
	9	8,464	8,464	<b>2.64</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
	10	8,760	8,760	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
	11	10,192	10,192	<b>0.05</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
	12	9,157	9,158	<b>1.53</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
	13	9,848	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
	14	10,754	10,754	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
	15	10,297	10,297	<b>-0.10</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
	16	8,509	8,509	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
	17	9,702	9,702	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	18	10,273	10,273	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
	19	9,132	9,132	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
	20	10,577	10,577	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
	21	10,880	10,880	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
	22	6,309	6,309	<b>6.77</b>	105.0	0.00	87.00	-	-	0.00	0.00	-	0.00
	23	5,598	5,598	<b>8.44</b>	105.0	0.00	85.96	-	-	0.00	0.00	-	0.00
	24	7,724	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	25	7,815	7,815	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
	26	8,388	8,388	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
	27	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
	28	8,833	8,833	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
	29	9,800	9,800	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
	30	10,202	10,202	<b>0.03</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
	31	10,673	10,673	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
	32	9,710	9,710	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	33	11,703	11,703	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
	34	12,126	12,126	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
	35	5,172	5,172	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
	36	5,608	5,608	<b>8.42</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
	37	4,836	4,836	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
	38	5,198	5,199	<b>9.48</b>	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
	39	6,018	6,018	<b>7.43</b>	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
	40	6,962	6,962	<b>5.38</b>	105.0	0.00	87.85	-	-	0.00	0.00	-	0.00
	41	7,120	7,120	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
	42	8,276	8,276	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
	43	8,858	8,858	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
	44	7,569	7,569	<b>4.20</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
	45	7,918	7,918	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
	46	7,455	7,455	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
	47	9,422	9,422	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	48	9,909	9,909	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
	49	10,318	10,318	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
	50	9,852	9,852	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
	51	10,195	10,195	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
	52	10,563	10,564	<b>-0.45</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
	53	11,157	11,157	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
	54	12,510	12,510	<b>-2.77</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
	55	4,364	4,364	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
	56	4,693	4,694	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
	57	5,138	5,138	<b>9.64</b>	105.0	0.00	85.22	-	-	0.00	0.00	-	0.00
	58	5,642	5,642	<b>8.33</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
	59	7,265	7,265	<b>4.78</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,619	7,619	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
61	8,368	8,368	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
62	7,904	7,904	<b>3.60</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
63	8,283	8,283	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
64	9,035	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
65	9,375	9,376	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
66	4,592	4,592	<b>11.19</b>	105.0	0.00	84.24	-	-	0.00	0.00	-	0.00
67	6,648	6,648	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
68	6,497	6,497	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
69	7,082	7,082	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
70	7,411	7,412	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
71	7,940	7,941	<b>3.53</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
72	8,366	8,367	<b>2.80</b>	105.0	0.00	89.45	-	-	0.00	0.00	-	0.00
73	7,316	7,316	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
74	6,437	6,437	<b>6.48</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
75	7,039	7,040	<b>5.22</b>	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
76	7,426	7,427	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
77	9,268	9,268	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
78	8,221	8,221	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
79	9,826	9,826	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
80	11,285	11,285	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
81	11,443	11,443	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
82	11,684	11,684	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
83	12,780	12,780	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
84	13,188	13,188	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
85	13,490	13,490	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
86	13,874	13,874	<b>-4.17</b>	105.0	0.00	93.84	-	-	0.00	0.00	-	0.00
87	11,597	11,597	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
88	11,609	11,610	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
89	12,242	12,243	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
90	12,457	12,457	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
91	12,725	12,725	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
92	13,008	13,008	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
93	13,050	13,050	<b>-3.34</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
94	11,385	11,386	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
95	11,573	11,573	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
96	12,257	12,257	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
97	13,594	13,594	<b>-3.89</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
98	13,476	13,476	<b>-3.78</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
99	13,756	13,756	<b>-4.05</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
100	14,114	14,114	<b>-4.40</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00

Sum 23.86

- Data undefined due to calculation with octave data

### Noise sensitive area: H468 H468

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,922	8,922	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
2	9,441	9,441	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
3	9,242	9,243	<b>1.41</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
4	7,536	7,536	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
5	7,643	7,643	<b>4.07</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
6	8,602	8,603	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
7	8,874	8,875	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
8	9,395	9,395	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
9	8,446	8,446	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
10	8,740	8,740	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,167	10,167	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
12	9,131	9,131	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
13	9,820	9,820	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
14	10,726	10,726	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
15	10,265	10,265	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
16	8,481	8,481	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
17	9,669	9,669	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
18	10,238	10,238	<b>-0.02</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
19	9,097	9,097	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
20	10,539	10,539	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
21	10,841	10,841	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
22	6,281	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
23	5,565	5,566	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
24	7,687	7,687	<b>3.99</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
25	7,774	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
26	8,348	8,348	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
27	8,879	8,879	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
28	8,788	8,789	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
29	9,757	9,757	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
30	10,158	10,158	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
31	10,628	10,628	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
32	9,664	9,665	<b>0.78</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
33	11,656	11,656	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
34	12,078	12,078	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
35	5,133	5,134	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
36	5,567	5,567	<b>8.52</b>	105.0	0.00	85.91	-	-	0.00	0.00	-	0.00
37	4,792	4,793	<b>10.60</b>	105.0	0.00	84.61	-	-	0.00	0.00	-	0.00
38	5,154	5,154	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
39	5,973	5,974	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
40	6,919	6,919	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
41	7,073	7,074	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
42	8,231	8,231	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
43	8,811	8,811	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
44	7,523	7,523	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
45	7,870	7,870	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
46	7,406	7,406	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
47	9,374	9,374	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
48	9,860	9,861	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
49	10,270	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
50	9,802	9,802	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
51	10,145	10,145	<b>0.11</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
52	10,514	10,514	<b>-0.38</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
53	11,109	11,109	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
54	12,461	12,461	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
55	4,313	4,314	<b>12.05</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
56	4,642	4,642	<b>11.04</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
57	5,087	5,087	<b>9.78</b>	105.0	0.00	85.13	-	-	0.00	0.00	-	0.00
58	5,591	5,591	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
59	7,213	7,213	<b>4.88</b>	105.0	0.00	88.16	-	-	0.00	0.00	-	0.00
60	7,567	7,568	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
61	8,317	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
62	7,851	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
63	8,230	8,230	<b>3.03</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
64	8,984	8,984	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
65	9,324	9,325	<b>1.28</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
66	4,538	4,539	<b>11.35</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
67	6,593	6,594	<b>6.15</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
68	6,442	6,442	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
69	7,027	7,028	<b>5.25</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00

To be continued on next page...



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,357	7,357	<b>4.60</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
71	7,886	7,886	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
72	8,312	8,312	<b>2.89</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
73	7,261	7,262	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
74	6,383	6,383	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
75	6,986	6,986	<b>5.33</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
76	7,372	7,373	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
77	9,214	9,214	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
78	8,168	8,168	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
79	9,772	9,773	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
80	11,231	11,231	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
81	11,389	11,389	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
82	11,630	11,630	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
83	12,725	12,725	<b>-3.00</b>	105.0	0.00	93.09	-	-	0.00	0.00	-	0.00
84	13,134	13,134	<b>-3.43</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
85	13,436	13,436	<b>-3.73</b>	105.0	0.00	93.57	-	-	0.00	0.00	-	0.00
86	13,820	13,820	<b>-4.12</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
87	11,546	11,546	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
88	11,556	11,556	<b>-1.68</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
89	12,190	12,190	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
90	12,404	12,404	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
91	12,673	12,673	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
92	12,955	12,955	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
93	12,996	12,996	<b>-3.28</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
94	11,337	11,337	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
95	11,523	11,523	<b>-1.64</b>	105.0	0.00	92.23	-	-	0.00	0.00	-	0.00
96	12,208	12,208	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
97	13,543	13,543	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
98	13,424	13,424	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
99	13,703	13,704	<b>-4.00</b>	105.0	0.00	93.74	-	-	0.00	0.00	-	0.00
100	14,063	14,063	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00

Sum 23.96

- Data undefined due to calculation with octave data

### Noise sensitive area: H469 H469

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,903	8,904	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
2	9,420	9,420	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
3	9,219	9,219	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
4	7,516	7,516	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
5	7,620	7,620	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
6	8,575	8,576	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
7	8,845	8,845	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
8	9,362	9,362	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
9	8,413	8,413	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
10	8,706	8,706	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
11	10,128	10,128	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
12	9,090	9,090	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
13	9,778	9,778	<b>0.62</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
14	10,683	10,683	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
15	10,219	10,219	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
16	8,438	8,438	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
17	9,622	9,622	<b>0.85</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
18	10,189	10,189	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
19	9,048	9,048	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
20	10,487	10,487	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,789	10,789	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
22	6,239	6,239	<b>6.92</b>	105.0	0.00	86.90	-	-	0.00	0.00	-	0.00
23	5,520	5,520	<b>8.64</b>	105.0	0.00	85.84	-	-	0.00	0.00	-	0.00
24	7,637	7,637	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
25	7,721	7,721	<b>3.92</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
26	8,296	8,296	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
27	8,824	8,824	<b>2.05</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
28	8,732	8,732	<b>2.20</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
29	9,702	9,702	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
30	10,102	10,102	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
31	10,572	10,572	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
32	9,608	9,608	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
33	11,598	11,598	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
34	12,019	12,019	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
35	5,081	5,082	<b>9.79</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
36	5,513	5,514	<b>8.66</b>	105.0	0.00	85.83	-	-	0.00	0.00	-	0.00
37	4,737	4,737	<b>10.76</b>	105.0	0.00	84.51	-	-	0.00	0.00	-	0.00
38	5,097	5,098	<b>9.75</b>	105.0	0.00	85.15	-	-	0.00	0.00	-	0.00
39	5,917	5,918	<b>7.67</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
40	6,864	6,864	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
41	7,015	7,015	<b>5.27</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
42	8,174	8,174	<b>3.12</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
43	8,753	8,754	<b>2.17</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00
44	7,465	7,465	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
45	7,811	7,811	<b>3.76</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
46	7,347	7,347	<b>4.62</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
47	9,315	9,315	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
48	9,802	9,802	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
49	10,211	10,211	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
50	9,742	9,742	<b>0.67</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
51	10,085	10,085	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
52	10,454	10,454	<b>-0.30</b>	105.0	0.00	91.39	-	-	0.00	0.00	-	0.00
53	11,050	11,050	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
54	12,401	12,401	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
55	4,253	4,254	<b>12.24</b>	105.0	0.00	83.58	-	-	0.00	0.00	-	0.00
56	4,581	4,582	<b>11.22</b>	105.0	0.00	84.22	-	-	0.00	0.00	-	0.00
57	5,026	5,027	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
58	5,530	5,530	<b>8.61</b>	105.0	0.00	85.86	-	-	0.00	0.00	-	0.00
59	7,152	7,153	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
60	7,507	7,507	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
61	8,257	8,257	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
62	7,790	7,790	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
63	8,169	8,169	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
64	8,923	8,923	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
65	9,264	9,264	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
66	4,477	4,477	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
67	6,533	6,533	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
68	6,382	6,382	<b>6.60</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
69	6,967	6,967	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
70	7,296	7,297	<b>4.72</b>	105.0	0.00	88.26	-	-	0.00	0.00	-	0.00
71	7,825	7,826	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
72	8,251	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
73	7,202	7,202	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
74	6,327	6,327	<b>6.73</b>	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
75	6,930	6,930	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00
76	7,316	7,317	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
77	9,155	9,156	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
78	8,113	8,114	<b>3.23</b>	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
79	9,717	9,718	<b>0.71</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,173	11,173	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
81	11,333	11,333	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
82	11,574	11,574	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
83	12,667	12,667	<b>-2.94</b>	105.0	0.00	93.05	-	-	0.00	0.00	-	0.00
84	13,077	13,077	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
85	13,379	13,379	<b>-3.68</b>	105.0	0.00	93.53	-	-	0.00	0.00	-	0.00
86	13,763	13,763	<b>-4.06</b>	105.0	0.00	93.77	-	-	0.00	0.00	-	0.00
87	11,495	11,495	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
88	11,502	11,502	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
89	12,136	12,136	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
90	12,349	12,350	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
91	12,620	12,620	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
92	12,901	12,901	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
93	12,940	12,940	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
94	11,290	11,290	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
95	11,476	11,476	<b>-1.59</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
96	12,161	12,161	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
97	13,492	13,493	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
98	13,372	13,372	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
99	13,651	13,651	<b>-3.95</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
100	14,012	14,012	<b>-4.30</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00

Sum 24.08

- Data undefined due to calculation with octave data

## Noise sensitive area: H470 H470

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,888	8,888	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
2	9,403	9,403	<b>1.17</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
3	9,199	9,199	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
4	7,500	7,500	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
5	7,601	7,601	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
6	8,554	8,554	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
7	8,821	8,821	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
8	9,337	9,337	<b>1.26</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
9	8,387	8,387	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
10	8,679	8,680	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
11	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
12	9,059	9,059	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
13	9,746	9,746	<b>0.67</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
14	10,651	10,651	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
15	10,184	10,184	<b>0.06</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
16	8,405	8,405	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
17	9,586	9,586	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
18	10,152	10,152	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
19	9,011	9,011	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
20	10,448	10,448	<b>-0.30</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
21	10,749	10,749	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
22	6,207	6,207	<b>7.00</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
23	5,484	5,485	<b>8.73</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
24	7,598	7,599	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
25	7,681	7,681	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
26	8,256	8,256	<b>2.98</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00
27	8,783	8,783	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
28	8,690	8,690	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
29	9,660	9,660	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
30	10,060	10,060	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,529	10,529	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
32	9,565	9,565	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
33	11,554	11,554	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
34	11,975	11,975	<b>-2.17</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
35	5,042	5,042	<b>9.90</b>	105.0	0.00	85.05	-	-	0.00	0.00	-	0.00
36	5,473	5,473	<b>8.76</b>	105.0	0.00	85.76	-	-	0.00	0.00	-	0.00
37	4,695	4,696	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
38	5,055	5,055	<b>9.86</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
39	5,875	5,875	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
40	6,822	6,822	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
41	6,972	6,972	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
42	8,131	8,131	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
43	8,710	8,710	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
44	7,422	7,422	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
45	7,767	7,767	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
46	7,302	7,303	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
47	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
48	9,757	9,757	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
49	10,167	10,167	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
50	9,697	9,697	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
51	10,040	10,041	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
52	10,409	10,409	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
53	11,005	11,006	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
54	12,357	12,357	<b>-2.60</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
55	4,209	4,209	<b>12.38</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
56	4,536	4,536	<b>11.36</b>	105.0	0.00	84.13	-	-	0.00	0.00	-	0.00
57	4,981	4,982	<b>10.07</b>	105.0	0.00	84.95	-	-	0.00	0.00	-	0.00
58	5,485	5,485	<b>8.73</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
59	7,107	7,107	<b>5.09</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
60	7,461	7,462	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
61	8,212	8,212	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
62	7,745	7,745	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
63	8,124	8,124	<b>3.21</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
64	8,878	8,878	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
65	9,219	9,219	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
66	4,432	4,432	<b>11.68</b>	105.0	0.00	83.93	-	-	0.00	0.00	-	0.00
67	6,489	6,489	<b>6.37</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
68	6,338	6,338	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00
69	6,922	6,923	<b>5.46</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
70	7,252	7,252	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
71	7,780	7,781	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
72	8,207	8,207	<b>3.07</b>	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
73	7,158	7,158	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
74	6,287	6,287	<b>6.82</b>	105.0	0.00	86.97	-	-	0.00	0.00	-	0.00
75	6,890	6,890	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
76	7,276	7,276	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
77	9,113	9,113	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
78	8,074	8,074	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00
79	9,678	9,678	<b>0.77</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
80	11,131	11,131	<b>-1.17</b>	105.0	0.00	91.93	-	-	0.00	0.00	-	0.00
81	11,293	11,293	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
82	11,533	11,533	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
83	12,625	12,625	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
84	13,036	13,036	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
85	13,337	13,337	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
86	13,722	13,722	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
87	11,459	11,459	<b>-1.57</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
88	11,463	11,463	<b>-1.57</b>	105.0	0.00	92.19	-	-	0.00	0.00	-	0.00
89	12,097	12,098	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,310	12,310	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
91	12,582	12,582	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
92	12,863	12,863	<b>-3.14</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
93	12,900	12,900	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
94	11,257	11,258	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
95	11,442	11,442	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
96	12,127	12,127	<b>-2.34</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
97	13,457	13,457	<b>-3.76</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
98	13,335	13,335	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
99	13,613	13,613	<b>-3.91</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
100	13,975	13,975	<b>-4.27</b>	105.0	0.00	93.91	-	-	0.00	0.00	-	0.00

Sum 24.18

- Data undefined due to calculation with octave data

### Noise sensitive area: H471 H471

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,842	8,842	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
2	9,353	9,353	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
3	9,146	9,146	<b>1.55</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
4	7,453	7,453	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
5	7,549	7,549	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
6	8,496	8,496	<b>2.58</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
7	8,759	8,759	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
8	9,270	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
9	8,320	8,321	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
10	8,611	8,611	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
11	10,022	10,022	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
12	8,981	8,982	<b>1.81</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
13	9,667	9,667	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
14	10,571	10,571	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
15	10,099	10,099	<b>0.17</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
16	8,326	8,326	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
17	9,502	9,502	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
18	10,065	10,065	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
19	8,924	8,924	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
20	10,357	10,357	<b>-0.18</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
21	10,658	10,658	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
22	6,128	6,128	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
23	5,401	5,401	<b>8.94</b>	105.0	0.00	85.65	-	-	0.00	0.00	-	0.00
24	7,509	7,509	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
25	7,589	7,589	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
26	8,165	8,165	<b>3.14</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
27	8,690	8,690	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
28	8,595	8,595	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
29	9,566	9,566	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
30	9,965	9,965	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
31	10,434	10,434	<b>-0.28</b>	105.0	0.00	91.37	-	-	0.00	0.00	-	0.00
32	9,469	9,469	<b>1.07</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
33	11,458	11,458	<b>-1.57</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
34	11,878	11,878	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
35	4,951	4,952	<b>10.15</b>	105.0	0.00	84.90	-	-	0.00	0.00	-	0.00
36	5,381	5,381	<b>9.00</b>	105.0	0.00	85.62	-	-	0.00	0.00	-	0.00
37	4,601	4,601	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
38	4,960	4,960	<b>10.13</b>	105.0	0.00	84.91	-	-	0.00	0.00	-	0.00
39	5,780	5,780	<b>7.99</b>	105.0	0.00	86.24	-	-	0.00	0.00	-	0.00
40	6,728	6,728	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,875	6,875	<b>5.56</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
42	8,035	8,035	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
43	8,614	8,614	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
44	7,326	7,326	<b>4.66</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
45	7,670	7,670	<b>4.02</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
46	7,205	7,205	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
47	9,174	9,174	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
48	9,660	9,660	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
49	10,070	10,070	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
50	9,599	9,600	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
51	9,943	9,943	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
52	10,312	10,312	<b>-0.11</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
53	10,908	10,908	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
54	12,260	12,260	<b>-2.49</b>	105.0	0.00	92.77	-	-	0.00	0.00	-	0.00
55	4,111	4,112	<b>12.70</b>	105.0	0.00	83.28	-	-	0.00	0.00	-	0.00
56	4,439	4,439	<b>11.66</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
57	4,884	4,885	<b>10.34</b>	105.0	0.00	84.78	-	-	0.00	0.00	-	0.00
58	5,388	5,388	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
59	7,010	7,011	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
60	7,364	7,365	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
61	8,115	8,115	<b>3.23</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
62	7,648	7,649	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
63	8,027	8,028	<b>3.38</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
64	8,781	8,781	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
65	9,122	9,122	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
66	4,337	4,338	<b>11.97</b>	105.0	0.00	83.75	-	-	0.00	0.00	-	0.00
67	6,397	6,398	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
68	6,248	6,249	<b>6.90</b>	105.0	0.00	86.92	-	-	0.00	0.00	-	0.00
69	6,831	6,831	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
70	7,159	7,159	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
71	7,688	7,688	<b>3.99</b>	105.0	0.00	88.72	-	-	0.00	0.00	-	0.00
72	8,116	8,116	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
73	7,069	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
74	6,208	6,208	<b>6.99</b>	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
75	6,811	6,812	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
76	7,197	7,197	<b>4.91</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
77	9,028	9,029	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
78	7,998	7,998	<b>3.43</b>	105.0	0.00	89.06	-	-	0.00	0.00	-	0.00
79	9,601	9,601	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
80	11,048	11,048	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
81	11,213	11,214	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
82	11,452	11,452	<b>-1.56</b>	105.0	0.00	92.18	-	-	0.00	0.00	-	0.00
83	12,541	12,541	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
84	12,955	12,955	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
85	13,256	13,256	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
86	13,640	13,640	<b>-3.94</b>	105.0	0.00	93.70	-	-	0.00	0.00	-	0.00
87	11,390	11,390	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
88	11,387	11,387	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
89	12,023	12,023	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
90	12,234	12,234	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
91	12,509	12,509	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
92	12,788	12,788	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
93	12,821	12,821	<b>-3.10</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
94	11,198	11,198	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
95	11,380	11,380	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
96	12,066	12,066	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
97	13,389	13,389	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
98	13,265	13,265	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
99	13,541	13,541	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
100	13,906	13,907	<b>-4.20</b>	105.0	0.00	93.86	-	-	0.00	0.00	-	0.00

Sum 24.38

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H472 H472

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,894	8,894	<b>1.94</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
	2	9,401	9,402	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
	3	9,189	9,189	<b>1.49</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
	4	7,505	7,505	<b>4.32</b>	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
	5	7,594	7,595	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
	6	8,532	8,533	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
	7	8,790	8,790	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
	8	9,295	9,295	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
	9	8,345	8,345	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
	10	8,632	8,633	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
	11	10,030	10,030	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
	12	8,986	8,986	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
	13	9,669	9,669	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
	14	10,571	10,571	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
	15	10,089	10,089	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
	16	8,326	8,326	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
	17	9,490	9,490	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
	18	10,046	10,046	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
	19	8,906	8,906	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
	20	10,328	10,328	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
	21	10,628	10,628	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
	22	6,130	6,131	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
	23	5,392	5,393	<b>8.96</b>	105.0	0.00	85.64	-	-	0.00	0.00	-	0.00
	24	7,485	7,485	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
	25	7,555	7,555	<b>4.23</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
	26	8,134	8,134	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
	27	8,651	8,651	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
	28	8,548	8,548	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
	29	9,524	9,524	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
	30	9,918	9,918	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
	31	10,385	10,385	<b>-0.21</b>	105.0	0.00	91.33	-	-	0.00	0.00	-	0.00
	32	9,419	9,419	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
	33	11,402	11,402	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
	34	11,817	11,817	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
	35	4,924	4,924	<b>10.23</b>	105.0	0.00	84.85	-	-	0.00	0.00	-	0.00
	36	5,346	5,347	<b>9.09</b>	105.0	0.00	85.56	-	-	0.00	0.00	-	0.00
	37	4,559	4,559	<b>11.29</b>	105.0	0.00	84.18	-	-	0.00	0.00	-	0.00
	38	4,913	4,913	<b>10.26</b>	105.0	0.00	84.83	-	-	0.00	0.00	-	0.00
	39	5,734	5,735	<b>8.11</b>	105.0	0.00	86.17	-	-	0.00	0.00	-	0.00
	40	6,685	6,685	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
	41	6,819	6,819	<b>5.67</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
	42	7,985	7,985	<b>3.45</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
	43	8,559	8,559	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
	44	7,272	7,272	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
	45	7,610	7,610	<b>4.13</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
	46	7,141	7,141	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
	47	9,113	9,113	<b>1.60</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
	48	9,598	9,599	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
	49	10,008	10,008	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	50	9,529	9,529	<b>0.98</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
	51	9,874	9,874	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
	52	10,243	10,243	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
	53	10,846	10,846	<b>-0.81</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
	54	12,194	12,194	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
	55	4,043	4,043	<b>12.93</b>	105.0	0.00	83.13	-	-	0.00	0.00	-	0.00
	56	4,363	4,364	<b>11.89</b>	105.0	0.00	83.80	-	-	0.00	0.00	-	0.00
	57	4,812	4,812	<b>10.55</b>	105.0	0.00	84.65	-	-	0.00	0.00	-	0.00
	58	5,313	5,313	<b>9.17</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
	59	6,933	6,933	<b>5.44</b>	105.0	0.00	87.82	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,287	7,287	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
61	8,041	8,041	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
62	7,566	7,566	<b>4.21</b>	105.0	0.00	88.58	-	-	0.00	0.00	-	0.00
63	7,945	7,946	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
64	8,704	8,704	<b>2.24</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
65	9,047	9,047	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
66	4,247	4,248	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
67	6,299	6,300	<b>6.79</b>	105.0	0.00	86.99	-	-	0.00	0.00	-	0.00
68	6,147	6,148	<b>7.13</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
69	6,733	6,733	<b>5.85</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
70	7,063	7,064	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
71	7,592	7,593	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
72	8,017	8,018	<b>3.40</b>	105.0	0.00	89.08	-	-	0.00	0.00	-	0.00
73	6,967	6,967	<b>5.37</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
74	6,095	6,095	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
75	6,698	6,699	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
76	7,084	7,085	<b>5.14</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
77	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
78	7,883	7,883	<b>3.63</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
79	9,487	9,487	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
80	10,939	10,939	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
81	11,101	11,101	<b>-1.13</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
82	11,341	11,341	<b>-1.43</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
83	12,433	12,433	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
84	12,844	12,844	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
85	13,145	13,145	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
86	13,529	13,529	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
87	11,273	11,273	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
88	11,272	11,273	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
89	11,908	11,908	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
90	12,119	12,120	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
91	12,393	12,393	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
92	12,673	12,673	<b>-2.94</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
93	12,708	12,708	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
94	11,079	11,079	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
95	11,261	11,262	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
96	11,947	11,947	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
97	13,272	13,272	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
98	13,148	13,148	<b>-3.44</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
99	13,425	13,425	<b>-3.72</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
100	13,789	13,789	<b>-4.09</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00

Sum 24.52

- Data undefined due to calculation with octave data

### Noise sensitive area: H473 H473

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,852	8,852	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
2	9,357	9,357	<b>1.23</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
3	9,143	9,143	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
4	7,462	7,462	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
5	7,549	7,549	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
6	8,485	8,485	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
7	8,741	8,741	<b>2.19</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
8	9,244	9,244	<b>1.40</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
9	8,294	8,294	<b>2.92</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
10	8,581	8,581	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,976	9,976	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
12	8,932	8,932	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
13	9,614	9,614	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
14	10,516	10,516	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
15	10,033	10,033	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	8,271	8,271	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
17	9,434	9,434	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
18	9,990	9,990	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
19	8,850	8,850	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
20	10,272	10,272	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
21	10,572	10,572	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
22	6,076	6,076	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
23	5,337	5,337	<b>9.11</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
24	7,429	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
25	7,498	7,499	<b>4.34</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
26	8,078	8,078	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
27	8,594	8,594	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
28	8,492	8,492	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
29	9,468	9,468	<b>1.07</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
30	9,863	9,863	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
31	10,329	10,329	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
32	9,363	9,363	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
33	11,347	11,347	<b>-1.43</b>	105.0	0.00	92.10	-	-	0.00	0.00	-	0.00
34	11,763	11,763	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
35	4,867	4,868	<b>10.39</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
36	5,290	5,290	<b>9.23</b>	105.0	0.00	85.47	-	-	0.00	0.00	-	0.00
37	4,503	4,503	<b>11.46</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
38	4,857	4,858	<b>10.42</b>	105.0	0.00	84.73	-	-	0.00	0.00	-	0.00
39	5,678	5,679	<b>8.24</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
40	6,629	6,629	<b>6.07</b>	105.0	0.00	87.43	-	-	0.00	0.00	-	0.00
41	6,764	6,764	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
42	7,929	7,929	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
43	8,504	8,504	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
44	7,217	7,217	<b>4.87</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
45	7,556	7,556	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
46	7,087	7,088	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
47	9,059	9,059	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
48	9,545	9,545	<b>0.96</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
49	9,954	9,954	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
50	9,477	9,477	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
51	9,822	9,822	<b>0.56</b>	105.0	0.00	90.84	-	-	0.00	0.00	-	0.00
52	10,191	10,191	<b>0.05</b>	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
53	10,792	10,792	<b>-0.74</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
54	12,141	12,141	<b>-2.36</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
55	3,990	3,991	<b>13.10</b>	105.0	0.00	83.02	-	-	0.00	0.00	-	0.00
56	4,312	4,313	<b>12.05</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
57	4,760	4,760	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
58	5,262	5,262	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
59	6,882	6,883	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
60	7,237	7,237	<b>4.84</b>	105.0	0.00	88.19	-	-	0.00	0.00	-	0.00
61	7,990	7,990	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
62	7,517	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
63	7,896	7,897	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
64	8,653	8,653	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
65	8,996	8,996	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
66	4,201	4,202	<b>12.41</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
67	6,257	6,257	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
68	6,107	6,107	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
69	6,691	6,691	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	7,020	7,020	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
71	7,549	7,549	<b>4.24</b>	105.0	0.00	88.56	-	-	0.00	0.00	-	0.00
72	7,976	7,976	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
73	6,927	6,928	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
74	6,065	6,066	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
75	6,669	6,669	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
76	7,054	7,054	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
77	8,886	8,886	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
78	7,856	7,856	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
79	9,459	9,459	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
80	10,905	10,905	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
81	11,071	11,071	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
82	11,309	11,310	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
83	12,398	12,398	<b>-2.64</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
84	12,812	12,812	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00
85	13,113	13,113	<b>-3.41</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
86	13,497	13,497	<b>-3.80</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00
87	11,252	11,252	<b>-1.32</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
88	11,245	11,245	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
89	11,882	11,882	<b>-2.06</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
90	12,092	12,092	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
91	12,368	12,368	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
92	12,647	12,647	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
93	12,678	12,678	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
94	11,064	11,065	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
95	11,245	11,245	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
96	11,931	11,931	<b>-2.12</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
97	13,251	13,251	<b>-3.55</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
98	13,125	13,125	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
99	13,400	13,400	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
100	13,767	13,768	<b>-4.06</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00

Sum 24.63

- Data undefined due to calculation with octave data

### Noise sensitive area: H474 H474

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,845	8,845	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
2	9,349	9,350	<b>1.25</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
3	9,133	9,134	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
4	7,455	7,455	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
5	7,541	7,541	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
6	8,474	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
7	8,728	8,729	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
8	9,230	9,230	<b>1.42</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
9	8,280	8,280	<b>2.94</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
10	8,566	8,567	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
11	9,959	9,959	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
12	8,913	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
13	9,595	9,595	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
14	10,497	10,497	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
15	10,011	10,011	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
16	8,252	8,252	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
17	9,412	9,412	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
18	9,967	9,967	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
19	8,827	8,827	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
20	10,247	10,247	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,547	10,547	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
22	6,057	6,057	<b>7.34</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
23	5,316	5,317	<b>9.16</b>	105.0	0.00	85.51	-	-	0.00	0.00	-	0.00
24	7,405	7,405	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
25	7,473	7,473	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
26	8,053	8,053	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
27	8,568	8,568	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
28	8,465	8,465	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
29	9,441	9,441	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
30	9,835	9,835	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
31	10,301	10,301	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
32	9,335	9,336	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
33	11,319	11,319	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
34	11,734	11,734	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
35	4,843	4,843	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
36	5,264	5,265	<b>9.30</b>	105.0	0.00	85.43	-	-	0.00	0.00	-	0.00
37	4,476	4,476	<b>11.54</b>	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
38	4,830	4,830	<b>10.50</b>	105.0	0.00	84.68	-	-	0.00	0.00	-	0.00
39	5,651	5,652	<b>8.31</b>	105.0	0.00	86.04	-	-	0.00	0.00	-	0.00
40	6,602	6,602	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
41	6,736	6,736	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
42	7,901	7,902	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
43	8,475	8,475	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
44	7,189	7,189	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
45	7,527	7,527	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
46	7,058	7,058	<b>5.19</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
47	9,030	9,030	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
48	9,515	9,516	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
49	9,925	9,925	<b>0.41</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
50	9,447	9,447	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
51	9,792	9,792	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
52	10,161	10,161	<b>0.09</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
53	10,763	10,763	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
54	12,111	12,111	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
55	3,960	3,961	<b>13.20</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
56	4,282	4,283	<b>12.15</b>	105.0	0.00	83.63	-	-	0.00	0.00	-	0.00
57	4,730	4,730	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
58	5,232	5,232	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
59	6,852	6,852	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
60	7,206	7,206	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
61	7,959	7,959	<b>3.50</b>	105.0	0.00	89.02	-	-	0.00	0.00	-	0.00
62	7,487	7,487	<b>4.36</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
63	7,866	7,866	<b>3.66</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
64	8,623	8,623	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
65	8,966	8,966	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
66	4,170	4,171	<b>12.51</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
67	6,226	6,227	<b>6.95</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
68	6,076	6,077	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
69	6,660	6,660	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
70	6,989	6,989	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
71	7,518	7,518	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
72	7,945	7,945	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
73	6,897	6,897	<b>5.51</b>	105.0	0.00	87.77	-	-	0.00	0.00	-	0.00
74	6,036	6,037	<b>7.39</b>	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
75	6,640	6,640	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
76	7,025	7,025	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
77	8,856	8,856	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
78	7,827	7,827	<b>3.73</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
79	9,430	9,430	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,875	10,875	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
81	11,042	11,042	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
82	11,280	11,280	<b>-1.35</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
83	12,368	12,369	<b>-2.61</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
84	12,783	12,783	<b>-3.06</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
85	13,083	13,083	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
86	13,467	13,467	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00
87	11,225	11,225	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
88	11,217	11,217	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
89	11,854	11,854	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
90	12,063	12,063	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
91	12,340	12,340	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
92	12,619	12,619	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
93	12,649	12,649	<b>-2.92</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
94	11,040	11,040	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
95	11,220	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
96	11,906	11,906	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
97	13,225	13,225	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
98	13,098	13,098	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
99	13,373	13,373	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
100	13,741	13,741	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00

Sum 24.69

- Data undefined due to calculation with octave data

### Noise sensitive area: H475 H475

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,913	8,913	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
2	9,413	9,413	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
3	9,192	9,192	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
4	7,523	7,523	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
5	7,602	7,602	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
6	8,527	8,527	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
7	8,776	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
8	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
9	8,321	8,321	<b>2.87</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
10	8,605	8,605	<b>2.40</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00
11	9,984	9,984	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
12	8,935	8,935	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
13	9,614	9,614	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
14	10,514	10,514	<b>-0.38</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
15	10,018	10,018	<b>0.29</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
16	8,269	8,269	<b>2.96</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
17	9,417	9,417	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
18	9,965	9,965	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
19	8,826	8,826	<b>2.05</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
20	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
21	10,534	10,534	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
22	6,078	6,078	<b>7.29</b>	105.0	0.00	86.68	-	-	0.00	0.00	-	0.00
23	5,326	5,327	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
24	7,399	7,399	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
25	7,456	7,456	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
26	8,039	8,039	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
27	8,546	8,546	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
28	8,434	8,435	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
29	9,415	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
30	9,805	9,805	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,268	10,268	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
32	9,301	9,301	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
33	11,278	11,278	<b>-1.35</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
34	11,688	11,688	<b>-1.84</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
35	4,834	4,834	<b>10.48</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
36	5,248	5,248	<b>9.34</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
37	4,452	4,452	<b>11.62</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
38	4,801	4,801	<b>10.58</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
39	5,623	5,623	<b>8.38</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
40	6,577	6,577	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
41	6,696	6,696	<b>5.93</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
42	7,867	7,867	<b>3.66</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
43	8,436	8,436	<b>2.68</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
44	7,151	7,151	<b>5.00</b>	105.0	0.00	88.09	-	-	0.00	0.00	-	0.00
45	7,483	7,483	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
46	7,009	7,009	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
47	8,985	8,985	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
48	9,469	9,469	<b>1.07</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
49	9,879	9,879	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
50	9,391	9,391	<b>1.18</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
51	9,737	9,737	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
52	10,107	10,107	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
53	10,715	10,715	<b>-0.64</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
54	12,060	12,060	<b>-2.27</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
55	3,907	3,908	<b>13.38</b>	105.0	0.00	82.84	-	-	0.00	0.00	-	0.00
56	4,221	4,222	<b>12.34</b>	105.0	0.00	83.51	-	-	0.00	0.00	-	0.00
57	4,672	4,673	<b>10.95</b>	105.0	0.00	84.39	-	-	0.00	0.00	-	0.00
58	5,171	5,172	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
59	6,788	6,788	<b>5.74</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
60	7,143	7,143	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
61	7,900	7,900	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
62	7,418	7,418	<b>4.49</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
63	7,797	7,797	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
64	8,559	8,559	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
65	8,906	8,906	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
66	4,093	4,093	<b>12.76</b>	105.0	0.00	83.24	-	-	0.00	0.00	-	0.00
67	6,139	6,139	<b>7.15</b>	105.0	0.00	86.76	-	-	0.00	0.00	-	0.00
68	5,985	5,985	<b>7.51</b>	105.0	0.00	86.54	-	-	0.00	0.00	-	0.00
69	6,573	6,573	<b>6.19</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
70	6,904	6,904	<b>5.50</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00
71	7,434	7,434	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
72	7,857	7,857	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
73	6,804	6,804	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
74	5,930	5,930	<b>7.64</b>	105.0	0.00	86.46	-	-	0.00	0.00	-	0.00
75	6,533	6,533	<b>6.27</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
76	6,919	6,919	<b>5.47</b>	105.0	0.00	87.80	-	-	0.00	0.00	-	0.00
77	8,756	8,756	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
78	7,719	7,719	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
79	9,322	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
80	10,773	10,773	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
81	10,936	10,936	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
82	11,175	11,176	<b>-1.22</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
83	12,267	12,268	<b>-2.50</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
84	12,678	12,678	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
85	12,980	12,980	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
86	13,364	13,364	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
87	11,111	11,112	<b>-1.14</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
88	11,108	11,108	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
89	11,744	11,744	<b>-1.90</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,955	11,955	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
91	12,229	12,229	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
92	12,509	12,509	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
93	12,543	12,543	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
94	10,923	10,923	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
95	11,104	11,104	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
96	11,790	11,790	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
97	13,111	13,111	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
98	12,985	12,986	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
99	13,261	13,261	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
100	13,627	13,627	<b>-3.93</b>	105.0	0.00	93.69	-	-	0.00	0.00	-	0.00

Sum 24.80

- Data undefined due to calculation with octave data

## Noise sensitive area: H476 H476

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,851	8,851	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
2	9,347	9,347	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
3	9,122	9,122	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
4	7,461	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
5	7,534	7,534	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
6	8,451	8,451	<b>2.66</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
7	8,695	8,696	<b>2.26</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
8	9,186	9,186	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
9	8,235	8,236	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
10	8,517	8,517	<b>2.55</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
11	9,888	9,888	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
12	8,837	8,837	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
13	9,514	9,514	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
14	10,413	10,413	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
15	9,911	9,911	<b>0.43</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
16	8,169	8,169	<b>3.13</b>	105.0	0.00	89.24	-	-	0.00	0.00	-	0.00
17	9,310	9,310	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
18	9,855	9,855	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
19	8,717	8,717	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
20	10,122	10,122	<b>0.14</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
21	10,420	10,420	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
22	5,979	5,979	<b>7.52</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
23	5,222	5,223	<b>9.41</b>	105.0	0.00	85.36	-	-	0.00	0.00	-	0.00
24	7,287	7,287	<b>4.74</b>	105.0	0.00	88.25	-	-	0.00	0.00	-	0.00
25	7,341	7,342	<b>4.63</b>	105.0	0.00	88.32	-	-	0.00	0.00	-	0.00
26	7,925	7,925	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
27	8,429	8,429	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
28	8,317	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
29	9,297	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
30	9,687	9,687	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
31	10,150	10,150	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
32	9,183	9,183	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
33	11,159	11,159	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
34	11,569	11,569	<b>-1.70</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
35	4,722	4,722	<b>10.81</b>	105.0	0.00	84.48	-	-	0.00	0.00	-	0.00
36	5,134	5,134	<b>9.65</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
37	4,335	4,336	<b>11.98</b>	105.0	0.00	83.74	-	-	0.00	0.00	-	0.00
38	4,683	4,684	<b>10.92</b>	105.0	0.00	84.41	-	-	0.00	0.00	-	0.00
39	5,505	5,506	<b>8.68</b>	105.0	0.00	85.82	-	-	0.00	0.00	-	0.00
40	6,460	6,460	<b>6.43</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,577	6,577	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
42	7,749	7,749	<b>3.87</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
43	8,317	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
44	7,032	7,032	<b>5.24</b>	105.0	0.00	87.94	-	-	0.00	0.00	-	0.00
45	7,364	7,364	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
46	6,890	6,890	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
47	8,865	8,866	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
48	9,349	9,350	<b>1.25</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
49	9,760	9,760	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
50	9,272	9,272	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
51	9,618	9,618	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
52	9,988	9,988	<b>0.33</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
53	10,596	10,596	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
54	11,940	11,940	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
55	3,788	3,789	<b>13.80</b>	105.0	0.00	82.57	-	-	0.00	0.00	-	0.00
56	4,103	4,104	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
57	4,553	4,554	<b>11.31</b>	105.0	0.00	84.17	-	-	0.00	0.00	-	0.00
58	5,053	5,053	<b>9.87</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
59	6,670	6,671	<b>5.98</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
60	7,025	7,025	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
61	7,781	7,781	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
62	7,301	7,301	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
63	7,680	7,680	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
64	8,441	8,442	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
65	8,787	8,787	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
66	3,979	3,979	<b>13.14</b>	105.0	0.00	83.00	-	-	0.00	0.00	-	0.00
67	6,030	6,031	<b>7.40</b>	105.0	0.00	86.61	-	-	0.00	0.00	-	0.00
68	5,879	5,879	<b>7.76</b>	105.0	0.00	86.39	-	-	0.00	0.00	-	0.00
69	6,464	6,464	<b>6.42</b>	105.0	0.00	87.21	-	-	0.00	0.00	-	0.00
70	6,794	6,794	<b>5.72</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
71	7,323	7,324	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
72	7,748	7,749	<b>3.87</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
73	6,699	6,699	<b>5.92</b>	105.0	0.00	87.52	-	-	0.00	0.00	-	0.00
74	5,840	5,841	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
75	6,444	6,444	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
76	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
77	8,657	8,658	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
78	7,633	7,633	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
79	9,235	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
80	10,677	10,677	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
81	10,845	10,845	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
82	11,083	11,083	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
83	12,170	12,171	<b>-2.39</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
84	12,585	12,586	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
85	12,886	12,886	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
86	13,270	13,270	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	11,037	11,037	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
88	11,022	11,022	<b>-1.03</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
89	11,660	11,661	<b>-1.81</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
90	11,868	11,869	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
91	12,148	12,148	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
92	12,425	12,426	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
93	12,453	12,453	<b>-2.70</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
94	10,860	10,860	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
95	11,037	11,038	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
96	11,724	11,725	<b>-1.88</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
97	13,037	13,037	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
98	12,908	12,908	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
99	13,181	13,181	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
100	13,552	13,552	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00

Sum 25.07

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H477 H477

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	8,800	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
	2	9,297	9,297	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	3	9,072	9,073	<b>1.66</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
	4	7,410	7,410	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
	5	7,484	7,484	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
	6	8,403	8,404	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
	7	8,649	8,649	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
	8	9,141	9,142	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
	9	8,191	8,191	<b>3.10</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
	10	8,474	8,474	<b>2.62</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
	11	9,848	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
	12	8,799	8,799	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
	13	9,476	9,476	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
	14	10,376	10,376	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
	15	9,879	9,879	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
	16	8,132	8,132	<b>3.20</b>	105.0	0.00	89.20	-	-	0.00	0.00	-	0.00
	17	9,278	9,278	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
	18	9,825	9,825	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
	19	8,687	8,687	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
	20	10,096	10,096	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
	21	10,395	10,395	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
	22	5,941	5,941	<b>7.61</b>	105.0	0.00	86.48	-	-	0.00	0.00	-	0.00
	23	5,188	5,188	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
	24	7,259	7,259	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
	25	7,318	7,318	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
	26	7,900	7,900	<b>3.60</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
	27	8,409	8,409	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
	28	8,299	8,300	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
	29	9,278	9,278	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
	30	9,670	9,670	<b>0.78</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
	31	10,134	10,134	<b>0.13</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
	32	9,167	9,167	<b>1.52</b>	105.0	0.00	90.24	-	-	0.00	0.00	-	0.00
	33	11,147	11,147	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
	34	11,559	11,559	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
	35	4,695	4,695	<b>10.89</b>	105.0	0.00	84.43	-	-	0.00	0.00	-	0.00
	36	5,110	5,110	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
	37	4,315	4,315	<b>12.04</b>	105.0	0.00	83.70	-	-	0.00	0.00	-	0.00
	38	4,665	4,666	<b>10.97</b>	105.0	0.00	84.38	-	-	0.00	0.00	-	0.00
	39	5,487	5,487	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
	40	6,440	6,440	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
	41	6,564	6,564	<b>6.21</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
	42	7,733	7,733	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
	43	8,304	8,304	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
	44	7,018	7,019	<b>5.27</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
	45	7,353	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
	46	6,882	6,882	<b>5.54</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
	47	8,856	8,856	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
	48	9,340	9,340	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
	49	9,750	9,750	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
	50	9,267	9,268	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
	51	9,613	9,613	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
	52	9,982	9,983	<b>0.33</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
	53	10,587	10,587	<b>-0.48</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
	54	11,934	11,934	<b>-2.12</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
	55	3,782	3,783	<b>13.82</b>	105.0	0.00	82.56	-	-	0.00	0.00	-	0.00
	56	4,101	4,102	<b>12.73</b>	105.0	0.00	83.26	-	-	0.00	0.00	-	0.00
	57	4,550	4,550	<b>11.32</b>	105.0	0.00	84.16	-	-	0.00	0.00	-	0.00
	58	5,051	5,051	<b>9.88</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
	59	6,670	6,670	<b>5.98</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,025	7,025	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
61	7,779	7,779	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
62	7,304	7,304	<b>4.71</b>	105.0	0.00	88.27	-	-	0.00	0.00	-	0.00
63	7,683	7,683	<b>3.99</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
64	8,441	8,441	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
65	8,785	8,785	<b>2.11</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
66	3,987	3,988	<b>13.11</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
67	6,045	6,045	<b>7.37</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
68	5,896	5,896	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
69	6,478	6,478	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
70	6,807	6,807	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
71	7,336	7,336	<b>4.64</b>	105.0	0.00	88.31	-	-	0.00	0.00	-	0.00
72	7,763	7,764	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
73	6,718	6,718	<b>5.88</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
74	5,870	5,870	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
75	6,474	6,474	<b>6.40</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
76	6,858	6,858	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
77	8,681	8,681	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
78	7,664	7,664	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
79	9,266	9,266	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
80	10,702	10,702	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
81	10,874	10,874	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
82	11,111	11,111	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
83	12,195	12,195	<b>-2.42</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
84	12,613	12,613	<b>-2.88</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
85	12,912	12,912	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
86	13,296	13,296	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
87	11,073	11,073	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
88	11,054	11,054	<b>-1.07</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
89	11,693	11,693	<b>-1.84</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
90	11,899	11,900	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
91	12,181	12,181	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
92	12,458	12,458	<b>-2.71</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
93	12,482	12,482	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
94	10,902	10,902	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
95	11,078	11,078	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
96	11,765	11,765	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
97	13,074	13,074	<b>-3.37</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
98	12,943	12,943	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
99	13,215	13,215	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
100	13,588	13,588	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00

Sum 25.09

- Data undefined due to calculation with octave data

### Noise sensitive area: H478 H478

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,934	8,934	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
2	9,431	9,431	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
3	9,207	9,207	<b>1.46</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
4	7,544	7,544	<b>4.25</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
5	7,619	7,619	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
6	8,537	8,538	<b>2.51</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
7	8,782	8,782	<b>2.12</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
8	9,273	9,273	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
9	8,323	8,323	<b>2.87</b>	105.0	0.00	89.41	-	-	0.00	0.00	-	0.00
10	8,604	8,605	<b>2.41</b>	105.0	0.00	89.69	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	9,974	9,974	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
12	8,923	8,924	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
13	9,600	9,600	<b>0.88</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
14	10,499	10,499	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
15	9,995	9,995	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
16	8,255	8,255	<b>2.99</b>	105.0	0.00	89.33	-	-	0.00	0.00	-	0.00
17	9,394	9,394	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
18	9,937	9,937	<b>0.40</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
19	8,800	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
20	10,201	10,201	<b>0.03</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
21	10,500	10,500	<b>-0.36</b>	105.0	0.00	91.42	-	-	0.00	0.00	-	0.00
22	6,065	6,066	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
23	5,308	5,308	<b>9.19</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
24	7,369	7,369	<b>4.58</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
25	7,420	7,420	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
26	8,004	8,004	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
27	8,506	8,506	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
28	8,390	8,390	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
29	9,372	9,372	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
30	9,760	9,761	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
31	10,222	10,222	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
32	9,254	9,254	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
33	11,227	11,228	<b>-1.29</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
34	11,635	11,635	<b>-1.78</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
35	4,803	4,803	<b>10.57</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
36	5,212	5,213	<b>9.44</b>	105.0	0.00	85.34	-	-	0.00	0.00	-	0.00
37	4,412	4,412	<b>11.74</b>	105.0	0.00	83.89	-	-	0.00	0.00	-	0.00
38	4,757	4,758	<b>10.70</b>	105.0	0.00	84.55	-	-	0.00	0.00	-	0.00
39	5,579	5,580	<b>8.49</b>	105.0	0.00	85.93	-	-	0.00	0.00	-	0.00
40	6,535	6,535	<b>6.27</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
41	6,646	6,646	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
42	7,820	7,820	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
43	8,386	8,386	<b>2.76</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
44	7,102	7,103	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
45	7,430	7,430	<b>4.46</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
46	6,954	6,954	<b>5.40</b>	105.0	0.00	87.84	-	-	0.00	0.00	-	0.00
47	8,932	8,932	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
48	9,415	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
49	9,825	9,825	<b>0.56</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
50	9,332	9,332	<b>1.27</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
51	9,679	9,679	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
52	10,049	10,049	<b>0.24</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
53	10,661	10,661	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
54	12,003	12,003	<b>-2.20</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
55	3,851	3,851	<b>13.58</b>	105.0	0.00	82.71	-	-	0.00	0.00	-	0.00
56	4,161	4,161	<b>12.54</b>	105.0	0.00	83.38	-	-	0.00	0.00	-	0.00
57	4,613	4,614	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
58	5,111	5,111	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
59	6,726	6,726	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
60	7,080	7,080	<b>5.14</b>	105.0	0.00	88.00	-	-	0.00	0.00	-	0.00
61	7,839	7,839	<b>3.71</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
62	7,352	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
63	7,732	7,732	<b>3.91</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
64	8,497	8,497	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
65	8,844	8,845	<b>2.02</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
66	4,024	4,024	<b>12.99</b>	105.0	0.00	83.09	-	-	0.00	0.00	-	0.00
67	6,065	6,066	<b>7.32</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
68	5,910	5,911	<b>7.68</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
69	6,500	6,500	<b>6.35</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,832	6,832	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
71	7,361	7,362	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
72	7,783	7,783	<b>3.81</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
73	6,728	6,728	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
74	5,851	5,851	<b>7.82</b>	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
75	6,454	6,454	<b>6.45</b>	105.0	0.00	87.20	-	-	0.00	0.00	-	0.00
76	6,840	6,840	<b>5.63</b>	105.0	0.00	87.70	-	-	0.00	0.00	-	0.00
77	8,678	8,678	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
78	7,639	7,639	<b>4.07</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
79	9,243	9,243	<b>1.41</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
80	10,695	10,695	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
81	10,857	10,857	<b>-0.83</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
82	11,097	11,097	<b>-1.13</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
83	12,190	12,190	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
84	12,599	12,600	<b>-2.86</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
85	12,901	12,901	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
86	13,285	13,285	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
87	11,032	11,032	<b>-1.05</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
88	11,028	11,028	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
89	11,664	11,664	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
90	11,875	11,875	<b>-2.06</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
91	12,150	12,150	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
92	12,429	12,429	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
93	12,464	12,464	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
94	10,845	10,845	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
95	11,025	11,025	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
96	11,711	11,712	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
97	13,031	13,032	<b>-3.32</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
98	12,906	12,906	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
99	13,182	13,182	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
100	13,548	13,548	<b>-3.85</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00

Sum 24.92

- Data undefined due to calculation with octave data

### Noise sensitive area: H479 H479

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,964	8,964	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
2	9,460	9,460	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
3	9,235	9,236	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
4	7,573	7,573	<b>4.20</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
5	7,648	7,648	<b>4.06</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
6	8,565	8,566	<b>2.47</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
7	8,810	8,810	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
8	9,300	9,300	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
9	8,349	8,349	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
10	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
11	9,999	9,999	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
12	8,947	8,948	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
13	9,623	9,623	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
14	10,522	10,522	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
15	10,017	10,017	<b>0.29</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
16	8,278	8,278	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
17	9,415	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
18	9,957	9,957	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
19	8,820	8,820	<b>2.06</b>	105.0	0.00	89.91	-	-	0.00	0.00	-	0.00
20	10,219	10,219	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,517	10,517	<b>-0.39</b>	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
22	6,089	6,090	<b>7.26</b>	105.0	0.00	86.69	-	-	0.00	0.00	-	0.00
23	5,330	5,330	<b>9.13</b>	105.0	0.00	85.54	-	-	0.00	0.00	-	0.00
24	7,388	7,388	<b>4.55</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
25	7,437	7,437	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
26	8,022	8,022	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
27	8,521	8,522	<b>2.54</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
28	8,404	8,404	<b>2.74</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
29	9,387	9,387	<b>1.19</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
30	9,774	9,774	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
31	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
32	9,267	9,267	<b>1.37</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
33	11,239	11,239	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
34	11,644	11,644	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
35	4,822	4,822	<b>10.52</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
36	5,230	5,230	<b>9.39</b>	105.0	0.00	85.37	-	-	0.00	0.00	-	0.00
37	4,427	4,428	<b>11.69</b>	105.0	0.00	83.92	-	-	0.00	0.00	-	0.00
38	4,772	4,772	<b>10.66</b>	105.0	0.00	84.57	-	-	0.00	0.00	-	0.00
39	5,594	5,594	<b>8.45</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
40	6,550	6,550	<b>6.24</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
41	6,657	6,657	<b>6.01</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
42	7,833	7,833	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
43	8,398	8,398	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
44	7,115	7,115	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
45	7,441	7,441	<b>4.44</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
46	6,963	6,963	<b>5.38</b>	105.0	0.00	87.86	-	-	0.00	0.00	-	0.00
47	8,942	8,942	<b>1.87</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
48	9,424	9,425	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
49	9,835	9,835	<b>0.54</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
50	9,339	9,339	<b>1.26</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
51	9,686	9,686	<b>0.75</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
52	10,057	10,057	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
53	10,670	10,670	<b>-0.59</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
54	12,011	12,011	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
55	3,859	3,860	<b>13.55</b>	105.0	0.00	82.73	-	-	0.00	0.00	-	0.00
56	4,167	4,168	<b>12.52</b>	105.0	0.00	83.40	-	-	0.00	0.00	-	0.00
57	4,620	4,621	<b>11.11</b>	105.0	0.00	84.29	-	-	0.00	0.00	-	0.00
58	5,117	5,117	<b>9.70</b>	105.0	0.00	85.18	-	-	0.00	0.00	-	0.00
59	6,731	6,731	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
60	7,085	7,085	<b>5.13</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
61	7,845	7,845	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
62	7,356	7,356	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
63	7,735	7,735	<b>3.90</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
64	8,502	8,502	<b>2.57</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
65	8,850	8,851	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
66	4,025	4,025	<b>12.99</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
67	6,062	6,063	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
68	5,906	5,906	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
69	6,497	6,497	<b>6.35</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
70	6,830	6,830	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
71	7,360	7,360	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
72	7,780	7,780	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
73	6,723	6,723	<b>5.87</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
74	5,839	5,840	<b>7.85</b>	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
75	6,442	6,442	<b>6.47</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
76	6,828	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
77	8,669	8,670	<b>2.30</b>	105.0	0.00	89.76	-	-	0.00	0.00	-	0.00
78	7,626	7,626	<b>4.10</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
79	9,230	9,230	<b>1.42</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,686	10,686	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
81	10,845	10,845	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
82	11,086	11,086	<b>-1.11</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
83	12,181	12,181	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
84	12,589	12,589	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
85	12,891	12,891	<b>-3.17</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
86	13,275	13,275	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	11,016	11,016	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
88	11,015	11,015	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
89	11,650	11,650	<b>-1.79</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
90	11,862	11,863	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
91	12,135	12,135	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
92	12,416	12,416	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
93	12,452	12,452	<b>-2.70</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
94	10,826	10,826	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
95	11,007	11,007	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
96	11,693	11,693	<b>-1.84</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
97	13,015	13,015	<b>-3.30</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
98	12,891	12,891	<b>-3.17</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
99	13,167	13,167	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
100	13,532	13,532	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 24.90

- Data undefined due to calculation with octave data

### Noise sensitive area: H480 H480

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,988	8,988	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
2	9,485	9,485	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
3	9,259	9,260	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
4	7,598	7,598	<b>4.15</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
5	7,672	7,672	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00
6	8,589	8,589	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
7	8,833	8,833	<b>2.04</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
8	9,322	9,322	<b>1.29</b>	105.0	0.00	90.39	-	-	0.00	0.00	-	0.00
9	8,372	8,372	<b>2.79</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
10	8,653	8,653	<b>2.33</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
11	10,020	10,020	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
12	8,968	8,968	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
13	9,643	9,643	<b>0.81</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
14	10,542	10,542	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
15	10,035	10,035	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	8,298	8,298	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
17	9,434	9,434	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
18	9,974	9,974	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
19	8,837	8,837	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
20	10,235	10,235	<b>-0.01</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
21	10,532	10,532	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
22	6,110	6,110	<b>7.22</b>	105.0	0.00	86.72	-	-	0.00	0.00	-	0.00
23	5,349	5,350	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
24	7,404	7,404	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
25	7,452	7,452	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
26	8,037	8,037	<b>3.36</b>	105.0	0.00	89.10	-	-	0.00	0.00	-	0.00
27	8,535	8,535	<b>2.52</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
28	8,416	8,416	<b>2.72</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
29	9,400	9,400	<b>1.17</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
30	9,787	9,787	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,247	10,247	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
32	9,278	9,278	<b>1.35</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
33	11,249	11,249	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00
34	11,653	11,653	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
35	4,838	4,838	<b>10.47</b>	105.0	0.00	84.69	-	-	0.00	0.00	-	0.00
36	5,245	5,245	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
37	4,441	4,442	<b>11.65</b>	105.0	0.00	83.95	-	-	0.00	0.00	-	0.00
38	4,785	4,785	<b>10.63</b>	105.0	0.00	84.60	-	-	0.00	0.00	-	0.00
39	5,607	5,607	<b>8.42</b>	105.0	0.00	85.97	-	-	0.00	0.00	-	0.00
40	6,564	6,564	<b>6.21</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00
41	6,668	6,668	<b>5.99</b>	105.0	0.00	87.48	-	-	0.00	0.00	-	0.00
42	7,845	7,845	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
43	8,409	8,409	<b>2.73</b>	105.0	0.00	89.49	-	-	0.00	0.00	-	0.00
44	7,126	7,126	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
45	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
46	6,972	6,972	<b>5.36</b>	105.0	0.00	87.87	-	-	0.00	0.00	-	0.00
47	8,951	8,951	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
48	9,433	9,433	<b>1.12</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
49	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
50	9,345	9,346	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
51	9,693	9,693	<b>0.74</b>	105.0	0.00	90.73	-	-	0.00	0.00	-	0.00
52	10,064	10,064	<b>0.22</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
53	10,679	10,679	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
54	12,019	12,019	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
55	3,867	3,868	<b>13.52</b>	105.0	0.00	82.75	-	-	0.00	0.00	-	0.00
56	4,173	4,174	<b>12.50</b>	105.0	0.00	83.41	-	-	0.00	0.00	-	0.00
57	4,627	4,628	<b>11.09</b>	105.0	0.00	84.31	-	-	0.00	0.00	-	0.00
58	5,123	5,123	<b>9.68</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
59	6,736	6,736	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
60	7,090	7,091	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
61	7,851	7,852	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
62	7,360	7,360	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
63	7,739	7,739	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
64	8,507	8,507	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
65	8,856	8,856	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
66	4,026	4,027	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
67	6,061	6,061	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
68	5,903	5,904	<b>7.70</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
69	6,496	6,496	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
70	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
71	7,359	7,359	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
72	7,778	7,778	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
73	6,719	6,720	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
74	5,830	5,831	<b>7.87</b>	105.0	0.00	86.31	-	-	0.00	0.00	-	0.00
75	6,433	6,434	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
76	6,820	6,820	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
77	8,663	8,664	<b>2.31</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
78	7,616	7,617	<b>4.12</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
79	9,221	9,221	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
80	10,679	10,680	<b>-0.60</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
81	10,837	10,837	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
82	11,078	11,078	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
83	12,174	12,174	<b>-2.40</b>	105.0	0.00	92.71	-	-	0.00	0.00	-	0.00
84	12,581	12,581	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
85	12,883	12,883	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
86	13,268	13,268	<b>-3.56</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	11,003	11,003	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
88	11,005	11,005	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
89	11,640	11,640	<b>-1.78</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,853	11,853	<b>-2.03</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
91	12,124	12,124	<b>-2.34</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
92	12,405	12,405	<b>-2.65</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
93	12,443	12,444	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
94	10,810	10,811	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
95	10,992	10,992	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
96	11,678	11,678	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
97	13,002	13,002	<b>-3.29</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
98	12,878	12,879	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
99	13,156	13,156	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
100	13,519	13,520	<b>-3.82</b>	105.0	0.00	93.62	-	-	0.00	0.00	-	0.00

Sum 24.88

- Data undefined due to calculation with octave data

### Noise sensitive area: H481 H481

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,012	9,013	<b>1.76</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
2	9,509	9,509	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
3	9,283	9,283	<b>1.34</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
4	7,622	7,622	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
5	7,696	7,696	<b>3.97</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
6	8,612	8,613	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
7	8,856	8,856	<b>2.00</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
8	9,344	9,345	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
9	8,394	8,394	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
10	8,675	8,675	<b>2.29</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
11	10,040	10,040	<b>0.26</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
12	8,988	8,988	<b>1.80</b>	105.0	0.00	90.07	-	-	0.00	0.00	-	0.00
13	9,663	9,663	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
14	10,561	10,561	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
15	10,053	10,053	<b>0.24</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
16	8,317	8,317	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
17	9,451	9,451	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
18	9,991	9,991	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
19	8,854	8,854	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
20	10,250	10,250	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
21	10,547	10,547	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
22	6,130	6,130	<b>7.17</b>	105.0	0.00	86.75	-	-	0.00	0.00	-	0.00
23	5,368	5,368	<b>9.03</b>	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
24	7,420	7,420	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
25	7,466	7,466	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
26	8,052	8,052	<b>3.34</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
27	8,548	8,548	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
28	8,427	8,427	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
29	9,412	9,413	<b>1.15</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
30	9,798	9,798	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
31	10,258	10,258	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
32	9,289	9,289	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
33	11,258	11,258	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
34	11,662	11,662	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
35	4,854	4,854	<b>10.43</b>	105.0	0.00	84.72	-	-	0.00	0.00	-	0.00
36	5,259	5,259	<b>9.31</b>	105.0	0.00	85.42	-	-	0.00	0.00	-	0.00
37	4,454	4,455	<b>11.61</b>	105.0	0.00	83.98	-	-	0.00	0.00	-	0.00
38	4,797	4,797	<b>10.59</b>	105.0	0.00	84.62	-	-	0.00	0.00	-	0.00
39	5,619	5,619	<b>8.39</b>	105.0	0.00	85.99	-	-	0.00	0.00	-	0.00
40	6,576	6,576	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00

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### DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,677	6,678	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
42	7,855	7,855	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
43	8,418	8,418	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
44	7,136	7,136	<b>5.03</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
45	7,459	7,459	<b>4.41</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
46	6,979	6,980	<b>5.35</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
47	8,959	8,959	<b>1.84</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
48	9,441	9,442	<b>1.11</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
49	9,852	9,852	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
50	9,351	9,351	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
51	9,700	9,700	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
52	10,070	10,071	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
53	10,686	10,686	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
54	12,026	12,026	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
55	3,875	3,875	<b>13.50</b>	105.0	0.00	82.77	-	-	0.00	0.00	-	0.00
56	4,179	4,179	<b>12.48</b>	105.0	0.00	83.42	-	-	0.00	0.00	-	0.00
57	4,633	4,634	<b>11.07</b>	105.0	0.00	84.32	-	-	0.00	0.00	-	0.00
58	5,128	5,129	<b>9.66</b>	105.0	0.00	85.20	-	-	0.00	0.00	-	0.00
59	6,740	6,740	<b>5.84</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
60	7,095	7,095	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
61	7,857	7,857	<b>3.68</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
62	7,362	7,363	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
63	7,742	7,742	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
64	8,511	8,511	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
65	8,861	8,861	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
66	4,027	4,028	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
67	6,059	6,059	<b>7.33</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
68	5,900	5,900	<b>7.71</b>	105.0	0.00	86.42	-	-	0.00	0.00	-	0.00
69	6,494	6,494	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
70	6,827	6,828	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
71	7,357	7,358	<b>4.60</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
72	7,775	7,775	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
73	6,715	6,715	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
74	5,821	5,821	<b>7.90</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
75	6,423	6,424	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
76	6,810	6,811	<b>5.69</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
77	8,656	8,657	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
78	7,606	7,606	<b>4.14</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
79	9,210	9,210	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
80	10,672	10,672	<b>-0.59</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
81	10,827	10,827	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
82	11,069	11,069	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
83	12,167	12,167	<b>-2.39</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
84	12,572	12,572	<b>-2.83</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
85	12,875	12,875	<b>-3.16</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
86	13,259	13,260	<b>-3.56</b>	105.0	0.00	93.45	-	-	0.00	0.00	-	0.00
87	10,989	10,990	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
88	10,994	10,994	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
89	11,628	11,628	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
90	11,842	11,842	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
91	12,112	12,112	<b>-2.33</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
92	12,393	12,393	<b>-2.64</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
93	12,434	12,434	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
94	10,794	10,795	<b>-0.75</b>	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
95	10,976	10,977	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
96	11,662	11,663	<b>-1.81</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
97	12,988	12,988	<b>-3.28</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
98	12,866	12,866	<b>-3.15</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
99	13,143	13,143	<b>-3.44</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
100	13,506	13,506	<b>-3.81</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00

Sum 24.87



## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H482 H482

WTG	95% rated power												
	No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
	1	9,040	9,040	<b>1.71</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
	2	9,536	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
	3	9,310	9,310	<b>1.30</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
	4	7,650	7,650	<b>4.05</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
	5	7,723	7,723	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
	6	8,639	8,639	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
	7	8,881	8,881	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
	8	9,369	9,369	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
	9	8,419	8,419	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
	10	8,699	8,699	<b>2.25</b>	105.0	0.00	89.79	-	-	0.00	0.00	-	0.00
	11	10,062	10,062	<b>0.22</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
	12	9,009	9,009	<b>1.76</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
	13	9,684	9,684	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
	14	10,582	10,582	<b>-0.47</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
	15	10,072	10,072	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
	16	8,338	8,338	<b>2.85</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
	17	9,470	9,470	<b>1.07</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
	18	10,008	10,008	<b>0.30</b>	105.0	0.00	91.01	-	-	0.00	0.00	-	0.00
	19	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
	20	10,265	10,265	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
	21	10,562	10,562	<b>-0.45</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
	22	6,151	6,151	<b>7.12</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
	23	5,387	5,388	<b>8.98</b>	105.0	0.00	85.63	-	-	0.00	0.00	-	0.00
	24	7,436	7,436	<b>4.45</b>	105.0	0.00	88.43	-	-	0.00	0.00	-	0.00
	25	7,480	7,480	<b>4.37</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
	26	8,067	8,067	<b>3.31</b>	105.0	0.00	89.13	-	-	0.00	0.00	-	0.00
	27	8,561	8,561	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
	28	8,438	8,438	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
	29	9,424	9,424	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
	30	9,809	9,809	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
	31	10,268	10,268	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
	32	9,299	9,299	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
	33	11,266	11,266	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
	34	11,668	11,668	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
	35	4,870	4,870	<b>10.38</b>	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
	36	5,274	5,274	<b>9.28</b>	105.0	0.00	85.44	-	-	0.00	0.00	-	0.00
	37	4,467	4,468	<b>11.57</b>	105.0	0.00	84.00	-	-	0.00	0.00	-	0.00
	38	4,809	4,809	<b>10.56</b>	105.0	0.00	84.64	-	-	0.00	0.00	-	0.00
	39	5,631	5,631	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
	40	6,588	6,589	<b>6.16</b>	105.0	0.00	87.38	-	-	0.00	0.00	-	0.00
	41	6,686	6,686	<b>5.95</b>	105.0	0.00	87.50	-	-	0.00	0.00	-	0.00
	42	7,865	7,865	<b>3.66</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
	43	8,427	8,427	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
	44	7,145	7,145	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
	45	7,466	7,467	<b>4.40</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
	46	6,986	6,986	<b>5.33</b>	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
	47	8,966	8,966	<b>1.83</b>	105.0	0.00	90.05	-	-	0.00	0.00	-	0.00
	48	9,448	9,448	<b>1.10</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
	49	9,859	9,859	<b>0.51</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
	50	9,356	9,356	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
	51	9,704	9,704	<b>0.73</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
	52	10,075	10,075	<b>0.21</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
	53	10,693	10,693	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
	54	12,032	12,032	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
	55	3,881	3,881	<b>13.48</b>	105.0	0.00	82.78	-	-	0.00	0.00	-	0.00
	56	4,182	4,183	<b>12.47</b>	105.0	0.00	83.43	-	-	0.00	0.00	-	0.00
	57	4,637	4,638	<b>11.06</b>	105.0	0.00	84.33	-	-	0.00	0.00	-	0.00
	58	5,132	5,132	<b>9.66</b>	105.0	0.00	85.21	-	-	0.00	0.00	-	0.00
	59	6,742	6,742	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,097	7,097	<b>5.11</b>	105.0	0.00	88.02	-	-	0.00	0.00	-	0.00
61	7,860	7,860	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
62	7,363	7,363	<b>4.59</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
63	7,742	7,742	<b>3.89</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
64	8,513	8,513	<b>2.55</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
65	8,864	8,864	<b>1.99</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
66	4,026	4,026	<b>12.98</b>	105.0	0.00	83.10	-	-	0.00	0.00	-	0.00
67	6,053	6,054	<b>7.35</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
68	5,893	5,893	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
69	6,488	6,489	<b>6.37</b>	105.0	0.00	87.24	-	-	0.00	0.00	-	0.00
70	6,823	6,823	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
71	7,353	7,353	<b>4.61</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
72	7,769	7,769	<b>3.84</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
73	6,707	6,708	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
74	5,807	5,807	<b>7.93</b>	105.0	0.00	86.28	-	-	0.00	0.00	-	0.00
75	6,409	6,410	<b>6.54</b>	105.0	0.00	87.14	-	-	0.00	0.00	-	0.00
76	6,797	6,797	<b>5.72</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
77	8,646	8,646	<b>2.34</b>	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
78	7,591	7,591	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
79	9,195	9,196	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
80	10,660	10,660	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
81	10,814	10,814	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
82	11,056	11,056	<b>-1.08</b>	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
83	12,156	12,156	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
84	12,559	12,560	<b>-2.82</b>	105.0	0.00	92.98	-	-	0.00	0.00	-	0.00
85	12,862	12,862	<b>-3.14</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
86	13,247	13,247	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
87	10,971	10,971	<b>-0.97</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
88	10,979	10,979	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
89	11,612	11,612	<b>-1.75</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
90	11,827	11,827	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
91	12,096	12,096	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
92	12,378	12,378	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
93	12,420	12,420	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
94	10,774	10,774	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
95	10,956	10,957	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
96	11,642	11,642	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
97	12,969	12,970	<b>-3.26</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
98	12,848	12,848	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
99	13,127	13,127	<b>-3.42</b>	105.0	0.00	93.36	-	-	0.00	0.00	-	0.00
100	13,488	13,488	<b>-3.79</b>	105.0	0.00	93.60	-	-	0.00	0.00	-	0.00

Sum 24.85

- Data undefined due to calculation with octave data

### Noise sensitive area: H483 H483

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,091	9,091	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
2	9,586	9,586	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
3	9,360	9,360	<b>1.23</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
4	7,700	7,701	<b>3.96</b>	105.0	0.00	88.73	-	-	0.00	0.00	-	0.00
5	7,773	7,773	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
6	8,688	8,688	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
7	8,930	8,930	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
8	9,417	9,417	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
9	8,467	8,467	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
10	8,747	8,747	<b>2.18</b>	105.0	0.00	89.84	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,108	10,108	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00
12	9,055	9,055	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
13	9,728	9,728	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
14	10,626	10,626	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
15	10,113	10,113	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
16	8,382	8,383	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
17	9,511	9,511	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
18	10,047	10,047	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
19	8,911	8,911	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
20	10,301	10,301	<b>-0.10</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
21	10,598	10,598	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
22	6,196	6,197	<b>7.02</b>	105.0	0.00	86.84	-	-	0.00	0.00	-	0.00
23	5,431	5,431	<b>8.87</b>	105.0	0.00	85.70	-	-	0.00	0.00	-	0.00
24	7,475	7,475	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
25	7,516	7,516	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
26	8,103	8,103	<b>3.25</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
27	8,595	8,595	<b>2.42</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
28	8,469	8,469	<b>2.63</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
29	9,457	9,457	<b>1.09</b>	105.0	0.00	90.51	-	-	0.00	0.00	-	0.00
30	9,840	9,840	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
31	10,298	10,298	<b>-0.10</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
32	9,329	9,329	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
33	11,293	11,293	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
34	11,693	11,693	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
35	4,908	4,909	<b>10.27</b>	105.0	0.00	84.82	-	-	0.00	0.00	-	0.00
36	5,310	5,310	<b>9.18</b>	105.0	0.00	85.50	-	-	0.00	0.00	-	0.00
37	4,501	4,502	<b>11.46</b>	105.0	0.00	84.07	-	-	0.00	0.00	-	0.00
38	4,841	4,841	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
39	5,663	5,663	<b>8.28</b>	105.0	0.00	86.06	-	-	0.00	0.00	-	0.00
40	6,622	6,622	<b>6.09</b>	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
41	6,714	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
42	7,895	7,895	<b>3.61</b>	105.0	0.00	88.95	-	-	0.00	0.00	-	0.00
43	8,455	8,455	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
44	7,174	7,174	<b>4.96</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
45	7,492	7,493	<b>4.35</b>	105.0	0.00	88.49	-	-	0.00	0.00	-	0.00
46	7,010	7,010	<b>5.28</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
47	8,992	8,992	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
48	9,473	9,473	<b>1.06</b>	105.0	0.00	90.53	-	-	0.00	0.00	-	0.00
49	9,884	9,884	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
50	9,376	9,376	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
51	9,725	9,726	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
52	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
53	10,717	10,717	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
54	12,054	12,054	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
55	3,904	3,905	<b>13.39</b>	105.0	0.00	82.83	-	-	0.00	0.00	-	0.00
56	4,203	4,203	<b>12.40</b>	105.0	0.00	83.47	-	-	0.00	0.00	-	0.00
57	4,659	4,659	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
58	5,152	5,152	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
59	6,760	6,760	<b>5.79</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
60	7,115	7,115	<b>5.08</b>	105.0	0.00	88.04	-	-	0.00	0.00	-	0.00
61	7,879	7,879	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
62	7,378	7,378	<b>4.56</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
63	7,757	7,757	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
64	8,531	8,531	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
65	8,883	8,883	<b>1.96</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
66	4,037	4,038	<b>12.94</b>	105.0	0.00	83.12	-	-	0.00	0.00	-	0.00
67	6,058	6,058	<b>7.34</b>	105.0	0.00	86.65	-	-	0.00	0.00	-	0.00
68	5,895	5,896	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
69	6,493	6,494	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,829	6,829	<b>5.65</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
71	7,359	7,360	<b>4.60</b>	105.0	0.00	88.34	-	-	0.00	0.00	-	0.00
72	7,773	7,773	<b>3.83</b>	105.0	0.00	88.81	-	-	0.00	0.00	-	0.00
73	6,708	6,708	<b>5.90</b>	105.0	0.00	87.53	-	-	0.00	0.00	-	0.00
74	5,797	5,797	<b>7.95</b>	105.0	0.00	86.26	-	-	0.00	0.00	-	0.00
75	6,399	6,399	<b>6.57</b>	105.0	0.00	87.12	-	-	0.00	0.00	-	0.00
76	6,787	6,787	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
77	8,641	8,641	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
78	7,578	7,578	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
79	9,183	9,183	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
80	10,654	10,654	<b>-0.57</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
81	10,803	10,803	<b>-0.76</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
82	11,047	11,047	<b>-1.06</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
83	12,150	12,150	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
84	12,551	12,551	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
85	12,854	12,854	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
86	13,239	13,239	<b>-3.54</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
87	10,952	10,952	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
88	10,966	10,966	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
89	11,598	11,598	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
90	11,814	11,814	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
91	12,080	12,080	<b>-2.29</b>	105.0	0.00	92.64	-	-	0.00	0.00	-	0.00
92	12,363	12,363	<b>-2.61</b>	105.0	0.00	92.84	-	-	0.00	0.00	-	0.00
93	12,409	12,409	<b>-2.66</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
94	10,749	10,749	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
95	10,933	10,933	<b>-0.92</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
96	11,618	11,619	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
97	12,949	12,950	<b>-3.24</b>	105.0	0.00	93.25	-	-	0.00	0.00	-	0.00
98	12,831	12,831	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
99	13,110	13,111	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00
100	13,469	13,469	<b>-3.77</b>	105.0	0.00	93.59	-	-	0.00	0.00	-	0.00

Sum 24.80

- Data undefined due to calculation with octave data

### Noise sensitive area: H484 H484

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
2	9,764	9,764	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
3	9,535	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
4	7,880	7,881	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
5	7,950	7,950	<b>3.51</b>	105.0	0.00	89.01	-	-	0.00	0.00	-	0.00
6	8,860	8,860	<b>2.00</b>	105.0	0.00	89.95	-	-	0.00	0.00	-	0.00
7	9,098	9,099	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
8	9,581	9,581	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
9	8,631	8,631	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
10	8,909	8,909	<b>1.92</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
11	10,258	10,258	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
12	9,202	9,202	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
13	9,872	9,872	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
14	10,768	10,768	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
15	10,244	10,244	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
16	8,526	8,526	<b>2.53</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
17	9,641	9,641	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
18	10,169	10,169	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
19	9,035	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
20	10,411	10,411	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,706	10,706	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
22	6,344	6,344	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
23	5,569	5,570	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
24	7,593	7,593	<b>4.16</b>	105.0	0.00	88.61	-	-	0.00	0.00	-	0.00
25	7,621	7,621	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
26	8,212	8,212	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
27	8,692	8,692	<b>2.26</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
28	8,555	8,555	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
29	9,548	9,548	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
30	9,925	9,925	<b>0.41</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
31	10,378	10,378	<b>-0.20</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
32	9,408	9,408	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
33	11,362	11,362	<b>-1.45</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
34	11,754	11,754	<b>-1.92</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
35	5,026	5,027	<b>9.94</b>	105.0	0.00	85.03	-	-	0.00	0.00	-	0.00
36	5,419	5,419	<b>8.90</b>	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
37	4,601	4,602	<b>11.16</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
38	4,933	4,934	<b>10.20</b>	105.0	0.00	84.86	-	-	0.00	0.00	-	0.00
39	5,754	5,755	<b>8.06</b>	105.0	0.00	86.20	-	-	0.00	0.00	-	0.00
40	6,716	6,716	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
41	6,787	6,787	<b>5.74</b>	105.0	0.00	87.63	-	-	0.00	0.00	-	0.00
42	7,976	7,976	<b>3.47</b>	105.0	0.00	89.04	-	-	0.00	0.00	-	0.00
43	8,528	8,528	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00
44	7,250	7,251	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
45	7,558	7,558	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
46	7,069	7,069	<b>5.17</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
47	9,055	9,055	<b>1.69</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
48	9,533	9,533	<b>0.97</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
49	9,944	9,944	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00
50	9,421	9,421	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
51	9,772	9,772	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
52	10,145	10,145	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
53	10,775	10,775	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
54	12,105	12,105	<b>-2.32</b>	105.0	0.00	92.66	-	-	0.00	0.00	-	0.00
55	3,964	3,964	<b>13.19</b>	105.0	0.00	82.96	-	-	0.00	0.00	-	0.00
56	4,247	4,248	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
57	4,708	4,708	<b>10.85</b>	105.0	0.00	84.46	-	-	0.00	0.00	-	0.00
58	5,194	5,195	<b>9.49</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
59	6,794	6,794	<b>5.73</b>	105.0	0.00	87.64	-	-	0.00	0.00	-	0.00
60	7,148	7,148	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
61	7,919	7,919	<b>3.57</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
62	7,401	7,401	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
63	7,780	7,780	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
64	8,563	8,563	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
65	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
66	4,050	4,050	<b>12.90</b>	105.0	0.00	83.15	-	-	0.00	0.00	-	0.00
67	6,043	6,044	<b>7.37</b>	105.0	0.00	86.63	-	-	0.00	0.00	-	0.00
68	5,872	5,872	<b>7.77</b>	105.0	0.00	86.38	-	-	0.00	0.00	-	0.00
69	6,479	6,480	<b>6.39</b>	105.0	0.00	87.23	-	-	0.00	0.00	-	0.00
70	6,819	6,819	<b>5.67</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
71	7,350	7,350	<b>4.62</b>	105.0	0.00	88.33	-	-	0.00	0.00	-	0.00
72	7,755	7,755	<b>3.86</b>	105.0	0.00	88.79	-	-	0.00	0.00	-	0.00
73	6,678	6,678	<b>5.97</b>	105.0	0.00	87.49	-	-	0.00	0.00	-	0.00
74	5,728	5,729	<b>8.12</b>	105.0	0.00	86.16	-	-	0.00	0.00	-	0.00
75	6,329	6,329	<b>6.72</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
76	6,719	6,719	<b>5.88</b>	105.0	0.00	87.55	-	-	0.00	0.00	-	0.00
77	8,591	8,591	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
78	7,500	7,501	<b>4.33</b>	105.0	0.00	88.50	-	-	0.00	0.00	-	0.00
79	9,106	9,106	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	10,598	10,598	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
81	10,733	10,733	<b>-0.67</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
82	10,981	10,981	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
83	12,095	12,095	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
84	12,485	12,486	<b>-2.74</b>	105.0	0.00	92.93	-	-	0.00	0.00	-	0.00
85	12,791	12,791	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
86	13,177	13,177	<b>-3.47</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
87	10,852	10,852	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
88	10,885	10,885	<b>-0.86</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
89	11,512	11,513	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
90	11,735	11,735	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
91	11,991	11,992	<b>-2.19</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
92	12,278	12,278	<b>-2.51</b>	105.0	0.00	92.78	-	-	0.00	0.00	-	0.00
93	12,337	12,338	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
94	10,630	10,630	<b>-0.53</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
95	10,819	10,819	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
96	11,503	11,503	<b>-1.62</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
97	12,846	12,847	<b>-3.13</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
98	12,735	12,735	<b>-3.01</b>	105.0	0.00	93.10	-	-	0.00	0.00	-	0.00
99	13,020	13,020	<b>-3.31</b>	105.0	0.00	93.29	-	-	0.00	0.00	-	0.00
100	13,370	13,370	<b>-3.67</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00

Sum 24.67

- Data undefined due to calculation with octave data

### Noise sensitive area: H485 H485

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,253	9,253	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
2	9,748	9,748	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
3	9,521	9,521	<b>0.99</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
4	7,863	7,863	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
5	7,935	7,935	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
6	8,848	8,848	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
7	9,088	9,088	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
8	9,573	9,573	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
9	8,623	8,623	<b>2.38</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
10	8,902	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
11	10,255	10,255	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
12	9,200	9,201	<b>1.47</b>	105.0	0.00	90.28	-	-	0.00	0.00	-	0.00
13	9,872	9,872	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
14	10,768	10,768	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
15	10,248	10,248	<b>-0.03</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
16	8,526	8,526	<b>2.53</b>	105.0	0.00	89.61	-	-	0.00	0.00	-	0.00
17	9,645	9,645	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
18	10,176	10,176	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
19	9,041	9,041	<b>1.71</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
20	10,421	10,421	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
21	10,717	10,717	<b>-0.65</b>	105.0	0.00	91.60	-	-	0.00	0.00	-	0.00
22	6,342	6,343	<b>6.69</b>	105.0	0.00	87.05	-	-	0.00	0.00	-	0.00
23	5,571	5,571	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
24	7,601	7,601	<b>4.15</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
25	7,632	7,632	<b>4.09</b>	105.0	0.00	88.65	-	-	0.00	0.00	-	0.00
26	8,222	8,222	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
27	8,705	8,705	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
28	8,571	8,571	<b>2.46</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
29	9,563	9,563	<b>0.93</b>	105.0	0.00	90.61	-	-	0.00	0.00	-	0.00
30	9,941	9,941	<b>0.39</b>	105.0	0.00	90.95	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,395	10,395	<b>-0.23</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
32	9,425	9,425	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
33	11,382	11,382	<b>-1.48</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
34	11,775	11,775	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
35	5,034	5,034	<b>9.92</b>	105.0	0.00	85.04	-	-	0.00	0.00	-	0.00
36	5,429	5,429	<b>8.87</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
37	4,614	4,614	<b>11.13</b>	105.0	0.00	84.28	-	-	0.00	0.00	-	0.00
38	4,948	4,948	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
39	5,769	5,769	<b>8.02</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
40	6,730	6,730	<b>5.86</b>	105.0	0.00	87.56	-	-	0.00	0.00	-	0.00
41	6,806	6,806	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00
42	7,993	7,993	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
43	8,546	8,546	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
44	7,268	7,268	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
45	7,578	7,578	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
46	7,090	7,090	<b>5.12</b>	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
47	9,075	9,075	<b>1.66</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
48	9,555	9,555	<b>0.94</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
49	9,965	9,965	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
50	9,445	9,445	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
51	9,796	9,796	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
52	10,168	10,168	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
53	10,797	10,797	<b>-0.75</b>	105.0	0.00	91.67	-	-	0.00	0.00	-	0.00
54	12,128	12,128	<b>-2.34</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
55	3,985	3,986	<b>13.12</b>	105.0	0.00	83.01	-	-	0.00	0.00	-	0.00
56	4,271	4,272	<b>12.18</b>	105.0	0.00	83.61	-	-	0.00	0.00	-	0.00
57	4,731	4,731	<b>10.78</b>	105.0	0.00	84.50	-	-	0.00	0.00	-	0.00
58	5,219	5,219	<b>9.42</b>	105.0	0.00	85.35	-	-	0.00	0.00	-	0.00
59	6,820	6,820	<b>5.67</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
60	7,174	7,174	<b>4.96</b>	105.0	0.00	88.12	-	-	0.00	0.00	-	0.00
61	7,944	7,944	<b>3.52</b>	105.0	0.00	89.00	-	-	0.00	0.00	-	0.00
62	7,429	7,429	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
63	7,808	7,808	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
64	8,590	8,590	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
65	8,946	8,946	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
66	4,079	4,079	<b>12.81</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
67	6,077	6,077	<b>7.29</b>	105.0	0.00	86.67	-	-	0.00	0.00	-	0.00
68	5,906	5,907	<b>7.69</b>	105.0	0.00	86.43	-	-	0.00	0.00	-	0.00
69	6,513	6,513	<b>6.32</b>	105.0	0.00	87.28	-	-	0.00	0.00	-	0.00
70	6,852	6,852	<b>5.61</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
71	7,383	7,383	<b>4.55</b>	105.0	0.00	88.36	-	-	0.00	0.00	-	0.00
72	7,788	7,789	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
73	6,713	6,714	<b>5.89</b>	105.0	0.00	87.54	-	-	0.00	0.00	-	0.00
74	5,767	5,767	<b>8.03</b>	105.0	0.00	86.22	-	-	0.00	0.00	-	0.00
75	6,368	6,368	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
76	6,758	6,758	<b>5.80</b>	105.0	0.00	87.60	-	-	0.00	0.00	-	0.00
77	8,628	8,628	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
78	7,540	7,540	<b>4.26</b>	105.0	0.00	88.55	-	-	0.00	0.00	-	0.00
79	9,146	9,146	<b>1.55</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
80	10,636	10,636	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
81	10,772	10,772	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
82	11,019	11,020	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
83	12,133	12,133	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
84	12,524	12,524	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
85	12,830	12,830	<b>-3.11</b>	105.0	0.00	93.16	-	-	0.00	0.00	-	0.00
86	13,215	13,215	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
87	10,892	10,892	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
88	10,925	10,925	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
89	11,552	11,553	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,774	11,774	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
91	12,031	12,032	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00
92	12,318	12,318	<b>-2.56</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
93	12,377	12,377	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
94	10,671	10,671	<b>-0.59</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
95	10,860	10,860	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
96	11,544	11,544	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
97	12,887	12,887	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
98	12,775	12,775	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
99	13,060	13,060	<b>-3.35</b>	105.0	0.00	93.32	-	-	0.00	0.00	-	0.00
100	13,410	13,410	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00

Sum 24.62

- Data undefined due to calculation with octave data

### Noise sensitive area: H486 H486

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,109	9,109	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
2	9,607	9,607	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
3	9,382	9,382	<b>1.20</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00
4	7,719	7,719	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
5	7,794	7,794	<b>3.79</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
6	8,712	8,712	<b>2.23</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
7	8,956	8,956	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
8	9,445	9,445	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
9	8,495	8,495	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
10	8,776	8,776	<b>2.13</b>	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
11	10,140	10,140	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
12	9,087	9,088	<b>1.64</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
13	9,762	9,762	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
14	10,660	10,660	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
15	10,150	10,150	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
16	8,416	8,416	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
17	9,548	9,548	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
18	10,085	10,085	<b>0.19</b>	105.0	0.00	91.07	-	-	0.00	0.00	-	0.00
19	8,949	8,949	<b>1.86</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
20	10,341	10,341	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
21	10,638	10,638	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
22	6,229	6,230	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
23	5,466	5,466	<b>8.78</b>	105.0	0.00	85.75	-	-	0.00	0.00	-	0.00
24	7,514	7,514	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
25	7,556	7,556	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
26	8,143	8,143	<b>3.18</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
27	8,636	8,636	<b>2.35</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
28	8,511	8,511	<b>2.56</b>	105.0	0.00	89.60	-	-	0.00	0.00	-	0.00
29	9,498	9,498	<b>1.03</b>	105.0	0.00	90.55	-	-	0.00	0.00	-	0.00
30	9,882	9,882	<b>0.48</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
31	10,340	10,340	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
32	9,371	9,371	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
33	11,336	11,336	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
34	11,736	11,736	<b>-1.90</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
35	4,947	4,947	<b>10.16</b>	105.0	0.00	84.89	-	-	0.00	0.00	-	0.00
36	5,350	5,350	<b>9.08</b>	105.0	0.00	85.57	-	-	0.00	0.00	-	0.00
37	4,542	4,543	<b>11.34</b>	105.0	0.00	84.15	-	-	0.00	0.00	-	0.00
38	4,882	4,883	<b>10.35</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
39	5,704	5,705	<b>8.18</b>	105.0	0.00	86.12	-	-	0.00	0.00	-	0.00
40	6,663	6,663	<b>6.00</b>	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00

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Project:

**20162030 Westwood Red Pine**

Licensed user:

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 6/30/2016 1:47 PM/3.0.654

## DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	6,757	6,757	<b>5.80</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
42	7,937	7,937	<b>3.54</b>	105.0	0.00	88.99	-	-	0.00	0.00	-	0.00
43	8,497	8,498	<b>2.58</b>	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
44	7,216	7,216	<b>4.88</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
45	7,535	7,535	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
46	7,053	7,053	<b>5.20</b>	105.0	0.00	87.97	-	-	0.00	0.00	-	0.00
47	9,035	9,035	<b>1.72</b>	105.0	0.00	90.12	-	-	0.00	0.00	-	0.00
48	9,516	9,516	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
49	9,927	9,927	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
50	9,420	9,420	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
51	9,769	9,769	<b>0.64</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
52	10,140	10,140	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
53	10,760	10,760	<b>-0.70</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
54	12,097	12,097	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
55	3,948	3,948	<b>13.25</b>	105.0	0.00	82.93	-	-	0.00	0.00	-	0.00
56	4,246	4,247	<b>12.26</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
57	4,702	4,703	<b>10.86</b>	105.0	0.00	84.45	-	-	0.00	0.00	-	0.00
58	5,195	5,195	<b>9.48</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
59	6,803	6,803	<b>5.70</b>	105.0	0.00	87.65	-	-	0.00	0.00	-	0.00
60	7,158	7,158	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
61	7,923	7,923	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
62	7,421	7,421	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
63	7,800	7,801	<b>3.78</b>	105.0	0.00	88.84	-	-	0.00	0.00	-	0.00
64	8,574	8,574	<b>2.45</b>	105.0	0.00	89.66	-	-	0.00	0.00	-	0.00
65	8,927	8,927	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
66	4,080	4,081	<b>12.80</b>	105.0	0.00	83.21	-	-	0.00	0.00	-	0.00
67	6,099	6,100	<b>7.24</b>	105.0	0.00	86.71	-	-	0.00	0.00	-	0.00
68	5,936	5,937	<b>7.62</b>	105.0	0.00	86.47	-	-	0.00	0.00	-	0.00
69	6,535	6,535	<b>6.27</b>	105.0	0.00	87.31	-	-	0.00	0.00	-	0.00
70	6,871	6,871	<b>5.57</b>	105.0	0.00	87.74	-	-	0.00	0.00	-	0.00
71	7,401	7,402	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
72	7,814	7,815	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
73	6,748	6,749	<b>5.82</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
74	5,833	5,833	<b>7.87</b>	105.0	0.00	86.32	-	-	0.00	0.00	-	0.00
75	6,435	6,435	<b>6.49</b>	105.0	0.00	87.17	-	-	0.00	0.00	-	0.00
76	6,823	6,823	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
77	8,679	8,679	<b>2.28</b>	105.0	0.00	89.77	-	-	0.00	0.00	-	0.00
78	7,613	7,613	<b>4.12</b>	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
79	9,218	9,218	<b>1.44</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
80	10,692	10,692	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
81	10,839	10,839	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
82	11,083	11,083	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
83	12,188	12,188	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
84	12,587	12,587	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
85	12,891	12,891	<b>-3.17</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
86	13,276	13,276	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	10,983	10,983	<b>-0.99</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
88	11,000	11,000	<b>-1.01</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
89	11,631	11,631	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
90	11,849	11,849	<b>-2.03</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
91	12,113	12,113	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
92	12,396	12,397	<b>-2.64</b>	105.0	0.00	92.87	-	-	0.00	0.00	-	0.00
93	12,445	12,445	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
94	10,776	10,776	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
95	10,961	10,961	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00
96	11,646	11,646	<b>-1.79</b>	105.0	0.00	92.32	-	-	0.00	0.00	-	0.00
97	12,980	12,980	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
98	12,862	12,862	<b>-3.14</b>	105.0	0.00	93.19	-	-	0.00	0.00	-	0.00
99	13,143	13,143	<b>-3.44</b>	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
100	13,500	13,500	<b>-3.80</b>	105.0	0.00	93.61	-	-	0.00	0.00	-	0.00

Sum 24.70

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H487 H487

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,052	9,052	<b>1.70</b>	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
2	9,551	9,551	<b>0.95</b>	105.0	0.00	90.60	-	-	0.00	0.00	-	0.00
3	9,328	9,328	<b>1.28</b>	105.0	0.00	90.40	-	-	0.00	0.00	-	0.00
4	7,662	7,662	<b>4.03</b>	105.0	0.00	88.69	-	-	0.00	0.00	-	0.00
5	7,739	7,739	<b>3.89</b>	105.0	0.00	88.77	-	-	0.00	0.00	-	0.00
6	8,659	8,660	<b>2.32</b>	105.0	0.00	89.75	-	-	0.00	0.00	-	0.00
7	8,905	8,905	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
8	9,396	9,396	<b>1.18</b>	105.0	0.00	90.46	-	-	0.00	0.00	-	0.00
9	8,446	8,446	<b>2.67</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
10	8,728	8,728	<b>2.21</b>	105.0	0.00	89.82	-	-	0.00	0.00	-	0.00
11	10,097	10,097	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
12	9,046	9,046	<b>1.71</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
13	9,722	9,722	<b>0.70</b>	105.0	0.00	90.75	-	-	0.00	0.00	-	0.00
14	10,621	10,621	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
15	10,115	10,115	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
16	8,377	8,377	<b>2.78</b>	105.0	0.00	89.46	-	-	0.00	0.00	-	0.00
17	9,513	9,513	<b>1.00</b>	105.0	0.00	90.57	-	-	0.00	0.00	-	0.00
18	10,054	10,054	<b>0.24</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
19	8,917	8,917	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
20	10,315	10,315	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
21	10,612	10,612	<b>-0.51</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00
22	6,188	6,188	<b>7.04</b>	105.0	0.00	86.83	-	-	0.00	0.00	-	0.00
23	5,428	5,429	<b>8.87</b>	105.0	0.00	85.69	-	-	0.00	0.00	-	0.00
24	7,484	7,484	<b>4.36</b>	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
25	7,531	7,531	<b>4.27</b>	105.0	0.00	88.54	-	-	0.00	0.00	-	0.00
26	8,117	8,117	<b>3.22</b>	105.0	0.00	89.19	-	-	0.00	0.00	-	0.00
27	8,614	8,614	<b>2.39</b>	105.0	0.00	89.70	-	-	0.00	0.00	-	0.00
28	8,494	8,494	<b>2.59</b>	105.0	0.00	89.58	-	-	0.00	0.00	-	0.00
29	9,479	9,479	<b>1.05</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
30	9,865	9,865	<b>0.50</b>	105.0	0.00	90.88	-	-	0.00	0.00	-	0.00
31	10,324	10,324	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
32	9,356	9,356	<b>1.24</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
33	11,325	11,325	<b>-1.41</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
34	11,728	11,728	<b>-1.89</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
35	4,918	4,918	<b>10.25</b>	105.0	0.00	84.84	-	-	0.00	0.00	-	0.00
36	5,324	5,325	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00
37	4,520	4,521	<b>11.41</b>	105.0	0.00	84.10	-	-	0.00	0.00	-	0.00
38	4,863	4,864	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
39	5,685	5,685	<b>8.23</b>	105.0	0.00	86.10	-	-	0.00	0.00	-	0.00
40	6,642	6,643	<b>6.04</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
41	6,744	6,744	<b>5.83</b>	105.0	0.00	87.58	-	-	0.00	0.00	-	0.00
42	7,922	7,922	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
43	8,485	8,485	<b>2.60</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
44	7,202	7,203	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
45	7,525	7,526	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
46	7,046	7,046	<b>5.21</b>	105.0	0.00	87.96	-	-	0.00	0.00	-	0.00
47	9,026	9,026	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
48	9,508	9,508	<b>1.01</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
49	9,918	9,918	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
50	9,417	9,417	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
51	9,765	9,765	<b>0.64</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
52	10,136	10,136	<b>0.12</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
53	10,753	10,753	<b>-0.69</b>	105.0	0.00	91.63	-	-	0.00	0.00	-	0.00
54	12,092	12,092	<b>-2.30</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
55	3,941	3,942	<b>13.27</b>	105.0	0.00	82.91	-	-	0.00	0.00	-	0.00
56	4,244	4,245	<b>12.27</b>	105.0	0.00	83.56	-	-	0.00	0.00	-	0.00
57	4,699	4,699	<b>10.87</b>	105.0	0.00	84.44	-	-	0.00	0.00	-	0.00
58	5,194	5,194	<b>9.49</b>	105.0	0.00	85.31	-	-	0.00	0.00	-	0.00
59	6,805	6,805	<b>5.70</b>	105.0	0.00	87.66	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,159	7,160	<b>4.99</b>	105.0	0.00	88.10	-	-	0.00	0.00	-	0.00
61	7,922	7,922	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
62	7,426	7,426	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
63	7,805	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
64	8,576	8,576	<b>2.45</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
65	8,926	8,926	<b>1.89</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
66	4,089	4,090	<b>12.77</b>	105.0	0.00	83.23	-	-	0.00	0.00	-	0.00
67	6,117	6,117	<b>7.20</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
68	5,957	5,957	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
69	6,552	6,552	<b>6.23</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
70	6,887	6,887	<b>5.53</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
71	7,417	7,417	<b>4.49</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
72	7,833	7,833	<b>3.72</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
73	6,771	6,771	<b>5.77</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
74	5,867	5,868	<b>7.78</b>	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
75	6,469	6,470	<b>6.41</b>	105.0	0.00	87.22	-	-	0.00	0.00	-	0.00
76	6,857	6,858	<b>5.59</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
77	8,708	8,708	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
78	7,650	7,650	<b>4.05</b>	105.0	0.00	88.67	-	-	0.00	0.00	-	0.00
79	9,255	9,255	<b>1.39</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
80	10,722	10,722	<b>-0.65</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
81	10,874	10,874	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
82	11,117	11,117	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
83	12,218	12,218	<b>-2.44</b>	105.0	0.00	92.74	-	-	0.00	0.00	-	0.00
84	12,620	12,620	<b>-2.89</b>	105.0	0.00	93.02	-	-	0.00	0.00	-	0.00
85	12,923	12,924	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
86	13,308	13,308	<b>-3.61</b>	105.0	0.00	93.48	-	-	0.00	0.00	-	0.00
87	11,027	11,027	<b>-1.04</b>	105.0	0.00	91.85	-	-	0.00	0.00	-	0.00
88	11,038	11,038	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
89	11,670	11,671	<b>-1.82</b>	105.0	0.00	92.34	-	-	0.00	0.00	-	0.00
90	11,886	11,886	<b>-2.07</b>	105.0	0.00	92.50	-	-	0.00	0.00	-	0.00
91	12,153	12,153	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00
92	12,436	12,436	<b>-2.69</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
93	12,480	12,480	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
94	10,824	10,825	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
95	11,008	11,009	<b>-1.02</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
96	11,694	11,694	<b>-1.85</b>	105.0	0.00	92.36	-	-	0.00	0.00	-	0.00
97	13,024	13,024	<b>-3.31</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
98	12,904	12,905	<b>-3.19</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
99	13,184	13,184	<b>-3.48</b>	105.0	0.00	93.40	-	-	0.00	0.00	-	0.00
100	13,544	13,544	<b>-3.84</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00

Sum 24.72

- Data undefined due to calculation with octave data

### Noise sensitive area: H488 H488

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	8,946	8,947	<b>1.86</b>	105.0	0.00	90.03	-	-	0.00	0.00	-	0.00
2	9,445	9,446	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
3	9,223	9,223	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
4	7,556	7,556	<b>4.23</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
5	7,634	7,634	<b>4.08</b>	105.0	0.00	88.66	-	-	0.00	0.00	-	0.00
6	8,556	8,556	<b>2.48</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
7	8,803	8,803	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
8	9,296	9,297	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
9	8,346	8,346	<b>2.83</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
10	8,629	8,629	<b>2.37</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,003	10,004	<b>0.31</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
12	8,954	8,954	<b>1.85</b>	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
13	9,631	9,631	<b>0.83</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
14	10,531	10,531	<b>-0.40</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00
15	10,030	10,030	<b>0.27</b>	105.0	0.00	91.03	-	-	0.00	0.00	-	0.00
16	8,286	8,286	<b>2.93</b>	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
17	9,429	9,429	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
18	9,974	9,974	<b>0.35</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
19	8,837	8,837	<b>2.03</b>	105.0	0.00	89.93	-	-	0.00	0.00	-	0.00
20	10,241	10,241	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
21	10,539	10,539	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
22	6,096	6,096	<b>7.25</b>	105.0	0.00	86.70	-	-	0.00	0.00	-	0.00
23	5,341	5,341	<b>9.10</b>	105.0	0.00	85.55	-	-	0.00	0.00	-	0.00
24	7,407	7,407	<b>4.51</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
25	7,460	7,461	<b>4.41</b>	105.0	0.00	88.46	-	-	0.00	0.00	-	0.00
26	8,044	8,044	<b>3.35</b>	105.0	0.00	89.11	-	-	0.00	0.00	-	0.00
27	8,548	8,548	<b>2.50</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00
28	8,433	8,433	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
29	9,415	9,415	<b>1.15</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
30	9,804	9,804	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
31	10,266	10,266	<b>-0.05</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
32	9,298	9,298	<b>1.32</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
33	11,273	11,273	<b>-1.34</b>	105.0	0.00	92.04	-	-	0.00	0.00	-	0.00
34	11,680	11,680	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
35	4,841	4,842	<b>10.46</b>	105.0	0.00	84.70	-	-	0.00	0.00	-	0.00
36	5,253	5,253	<b>9.33</b>	105.0	0.00	85.41	-	-	0.00	0.00	-	0.00
37	4,453	4,454	<b>11.61</b>	105.0	0.00	83.97	-	-	0.00	0.00	-	0.00
38	4,800	4,801	<b>10.58</b>	105.0	0.00	84.63	-	-	0.00	0.00	-	0.00
39	5,622	5,623	<b>8.38</b>	105.0	0.00	86.00	-	-	0.00	0.00	-	0.00
40	6,578	6,578	<b>6.18</b>	105.0	0.00	87.36	-	-	0.00	0.00	-	0.00
41	6,691	6,691	<b>5.94</b>	105.0	0.00	87.51	-	-	0.00	0.00	-	0.00
42	7,864	7,864	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
43	8,431	8,431	<b>2.69</b>	105.0	0.00	89.52	-	-	0.00	0.00	-	0.00
44	7,147	7,147	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
45	7,476	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
46	7,000	7,000	<b>5.30</b>	105.0	0.00	87.90	-	-	0.00	0.00	-	0.00
47	8,977	8,977	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
48	9,461	9,461	<b>1.08</b>	105.0	0.00	90.52	-	-	0.00	0.00	-	0.00
49	9,871	9,871	<b>0.49</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00
50	9,379	9,379	<b>1.20</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
51	9,726	9,726	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
52	10,096	10,096	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
53	10,707	10,707	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
54	12,050	12,050	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
55	3,897	3,898	<b>13.42</b>	105.0	0.00	82.82	-	-	0.00	0.00	-	0.00
56	4,208	4,209	<b>12.38</b>	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
57	4,660	4,661	<b>10.99</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
58	5,158	5,158	<b>9.58</b>	105.0	0.00	85.25	-	-	0.00	0.00	-	0.00
59	6,773	6,773	<b>5.77</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
60	7,128	7,128	<b>5.05</b>	105.0	0.00	88.06	-	-	0.00	0.00	-	0.00
61	7,886	7,887	<b>3.63</b>	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
62	7,400	7,401	<b>4.52</b>	105.0	0.00	88.39	-	-	0.00	0.00	-	0.00
63	7,780	7,780	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
64	8,544	8,545	<b>2.50</b>	105.0	0.00	89.63	-	-	0.00	0.00	-	0.00
65	8,892	8,892	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
66	4,072	4,072	<b>12.83</b>	105.0	0.00	83.20	-	-	0.00	0.00	-	0.00
67	6,113	6,114	<b>7.21</b>	105.0	0.00	86.73	-	-	0.00	0.00	-	0.00
68	5,958	5,958	<b>7.57</b>	105.0	0.00	86.50	-	-	0.00	0.00	-	0.00
69	6,548	6,548	<b>6.24</b>	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,880	6,880	<b>5.55</b>	105.0	0.00	87.75	-	-	0.00	0.00	-	0.00
71	7,409	7,410	<b>4.50</b>	105.0	0.00	88.40	-	-	0.00	0.00	-	0.00
72	7,830	7,831	<b>3.73</b>	105.0	0.00	88.88	-	-	0.00	0.00	-	0.00
73	6,775	6,775	<b>5.76</b>	105.0	0.00	87.62	-	-	0.00	0.00	-	0.00
74	5,894	5,895	<b>7.72</b>	105.0	0.00	86.41	-	-	0.00	0.00	-	0.00
75	6,497	6,498	<b>6.35</b>	105.0	0.00	87.26	-	-	0.00	0.00	-	0.00
76	6,884	6,884	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
77	8,724	8,724	<b>2.21</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
78	7,682	7,682	<b>4.00</b>	105.0	0.00	88.71	-	-	0.00	0.00	-	0.00
79	9,286	9,286	<b>1.34</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
80	10,741	10,741	<b>-0.68</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
81	10,901	10,901	<b>-0.88</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
82	11,141	11,141	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
83	12,235	12,235	<b>-2.46</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
84	12,644	12,644	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
85	12,946	12,946	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
86	13,330	13,330	<b>-3.63</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
87	11,072	11,072	<b>-1.10</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
88	11,071	11,071	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
89	11,706	11,706	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
90	11,918	11,918	<b>-2.11</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
91	12,191	12,191	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
92	12,471	12,471	<b>-2.72</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
93	12,508	12,508	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
94	10,881	10,881	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
95	11,062	11,062	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
96	11,748	11,748	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
97	13,071	13,071	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
98	12,946	12,947	<b>-3.23</b>	105.0	0.00	93.24	-	-	0.00	0.00	-	0.00
99	13,223	13,223	<b>-3.52</b>	105.0	0.00	93.43	-	-	0.00	0.00	-	0.00
100	13,588	13,588	<b>-3.89</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00

Sum 24.82

- Data undefined due to calculation with octave data

### Noise sensitive area: H489 H489

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,102	9,102	<b>1.62</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
2	9,616	9,616	<b>0.85</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00
3	9,410	9,410	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
4	7,714	7,714	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
5	7,813	7,813	<b>3.76</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
6	8,761	8,761	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
7	9,025	9,025	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
8	9,536	9,536	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
9	8,586	8,587	<b>2.43</b>	105.0	0.00	89.68	-	-	0.00	0.00	-	0.00
10	8,877	8,877	<b>1.97</b>	105.0	0.00	89.97	-	-	0.00	0.00	-	0.00
11	10,284	10,284	<b>-0.08</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
12	9,242	9,242	<b>1.41</b>	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
13	9,926	9,926	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
14	10,829	10,829	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
15	10,350	10,350	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
16	8,584	8,584	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
17	9,752	9,752	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
18	10,309	10,309	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
19	9,169	9,170	<b>1.52</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
20	10,592	10,592	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	10,892	10,892	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
22	6,387	6,387	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
23	5,654	5,654	<b>8.30</b>	105.0	0.00	86.05	-	-	0.00	0.00	-	0.00
24	7,749	7,749	<b>3.87</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
25	7,818	7,818	<b>3.75</b>	105.0	0.00	88.86	-	-	0.00	0.00	-	0.00
26	8,397	8,398	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
27	8,912	8,912	<b>1.91</b>	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
28	8,807	8,807	<b>2.08</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
29	9,784	9,784	<b>0.61</b>	105.0	0.00	90.81	-	-	0.00	0.00	-	0.00
30	10,178	10,178	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
31	10,642	10,642	<b>-0.55</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
32	9,676	9,676	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
33	11,656	11,656	<b>-1.80</b>	105.0	0.00	92.33	-	-	0.00	0.00	-	0.00
34	12,067	12,067	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
35	5,188	5,188	<b>9.50</b>	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
36	5,609	5,610	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
37	4,820	4,820	<b>10.52</b>	105.0	0.00	84.66	-	-	0.00	0.00	-	0.00
38	5,172	5,173	<b>9.55</b>	105.0	0.00	85.27	-	-	0.00	0.00	-	0.00
39	5,994	5,994	<b>7.49</b>	105.0	0.00	86.55	-	-	0.00	0.00	-	0.00
40	6,946	6,946	<b>5.41</b>	105.0	0.00	87.83	-	-	0.00	0.00	-	0.00
41	7,073	7,073	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
42	8,242	8,242	<b>3.01</b>	105.0	0.00	89.32	-	-	0.00	0.00	-	0.00
43	8,813	8,813	<b>2.07</b>	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
44	7,527	7,527	<b>4.28</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
45	7,861	7,861	<b>3.67</b>	105.0	0.00	88.91	-	-	0.00	0.00	-	0.00
46	7,388	7,388	<b>4.54</b>	105.0	0.00	88.37	-	-	0.00	0.00	-	0.00
47	9,364	9,364	<b>1.22</b>	105.0	0.00	90.43	-	-	0.00	0.00	-	0.00
48	9,848	9,848	<b>0.52</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
49	10,258	10,258	<b>-0.04</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
50	9,770	9,770	<b>0.63</b>	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
51	10,116	10,116	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
52	10,486	10,486	<b>-0.35</b>	105.0	0.00	91.41	-	-	0.00	0.00	-	0.00
53	11,094	11,094	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
54	12,439	12,439	<b>-2.69</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
55	4,287	4,287	<b>12.13</b>	105.0	0.00	83.64	-	-	0.00	0.00	-	0.00
56	4,600	4,601	<b>11.17</b>	105.0	0.00	84.26	-	-	0.00	0.00	-	0.00
57	5,051	5,052	<b>9.87</b>	105.0	0.00	85.07	-	-	0.00	0.00	-	0.00
58	5,550	5,550	<b>8.56</b>	105.0	0.00	85.89	-	-	0.00	0.00	-	0.00
59	7,165	7,166	<b>4.98</b>	105.0	0.00	88.11	-	-	0.00	0.00	-	0.00
60	7,520	7,520	<b>4.30</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
61	8,278	8,278	<b>2.95</b>	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
62	7,792	7,792	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
63	8,171	8,172	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
64	8,937	8,937	<b>1.88</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
65	9,284	9,284	<b>1.34</b>	105.0	0.00	90.35	-	-	0.00	0.00	-	0.00
66	4,461	4,461	<b>11.59</b>	105.0	0.00	83.99	-	-	0.00	0.00	-	0.00
67	6,493	6,494	<b>6.36</b>	105.0	0.00	87.25	-	-	0.00	0.00	-	0.00
68	6,333	6,333	<b>6.71</b>	105.0	0.00	87.03	-	-	0.00	0.00	-	0.00
69	6,928	6,928	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
70	7,262	7,263	<b>4.79</b>	105.0	0.00	88.22	-	-	0.00	0.00	-	0.00
71	7,792	7,793	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
72	8,209	8,209	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
73	7,147	7,147	<b>5.01</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
74	6,231	6,232	<b>6.94</b>	105.0	0.00	86.89	-	-	0.00	0.00	-	0.00
75	6,833	6,833	<b>5.64</b>	105.0	0.00	87.69	-	-	0.00	0.00	-	0.00
76	7,222	7,222	<b>4.86</b>	105.0	0.00	88.17	-	-	0.00	0.00	-	0.00
77	9,080	9,080	<b>1.65</b>	105.0	0.00	90.16	-	-	0.00	0.00	-	0.00
78	8,009	8,009	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
79	9,614	9,615	<b>0.86</b>	105.0	0.00	90.66	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,092	11,093	<b>-1.12</b>	105.0	0.00	91.90	-	-	0.00	0.00	-	0.00
81	11,238	11,238	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
82	11,483	11,483	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
83	12,588	12,589	<b>-2.85</b>	105.0	0.00	93.00	-	-	0.00	0.00	-	0.00
84	12,987	12,987	<b>-3.27</b>	105.0	0.00	93.27	-	-	0.00	0.00	-	0.00
85	13,291	13,291	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
86	13,676	13,676	<b>-3.97</b>	105.0	0.00	93.72	-	-	0.00	0.00	-	0.00
87	11,367	11,368	<b>-1.46</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
88	11,395	11,395	<b>-1.49</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
89	12,024	12,025	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
90	12,244	12,244	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
91	12,505	12,505	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
92	12,790	12,790	<b>-3.07</b>	105.0	0.00	93.14	-	-	0.00	0.00	-	0.00
93	12,843	12,843	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
94	11,144	11,144	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
95	11,334	11,334	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
96	12,017	12,018	<b>-2.22</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00
97	13,362	13,362	<b>-3.66</b>	105.0	0.00	93.52	-	-	0.00	0.00	-	0.00
98	13,250	13,250	<b>-3.55</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
99	13,533	13,534	<b>-3.83</b>	105.0	0.00	93.63	-	-	0.00	0.00	-	0.00
100	13,885	13,885	<b>-4.18</b>	105.0	0.00	93.85	-	-	0.00	0.00	-	0.00

Sum 23.99

- Data undefined due to calculation with octave data

### Noise sensitive area: H490 H490

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,134	9,134	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
2	9,649	9,649	<b>0.81</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
3	9,446	9,446	<b>1.10</b>	105.0	0.00	90.50	-	-	0.00	0.00	-	0.00
4	7,746	7,746	<b>3.88</b>	105.0	0.00	88.78	-	-	0.00	0.00	-	0.00
5	7,848	7,848	<b>3.70</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
6	8,800	8,800	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
7	9,066	9,066	<b>1.67</b>	105.0	0.00	90.15	-	-	0.00	0.00	-	0.00
8	9,580	9,580	<b>0.91</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
9	8,630	8,630	<b>2.36</b>	105.0	0.00	89.72	-	-	0.00	0.00	-	0.00
10	8,921	8,921	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
11	10,333	10,333	<b>-0.14</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
12	9,292	9,292	<b>1.33</b>	105.0	0.00	90.36	-	-	0.00	0.00	-	0.00
13	9,977	9,977	<b>0.34</b>	105.0	0.00	90.98	-	-	0.00	0.00	-	0.00
14	10,880	10,880	<b>-0.86</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
15	10,405	10,405	<b>-0.24</b>	105.0	0.00	91.34	-	-	0.00	0.00	-	0.00
16	8,635	8,635	<b>2.36</b>	105.0	0.00	89.73	-	-	0.00	0.00	-	0.00
17	9,806	9,806	<b>0.58</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
18	10,365	10,365	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
19	9,225	9,225	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
20	10,650	10,650	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
21	10,950	10,950	<b>-0.94</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
22	6,438	6,438	<b>6.48</b>	105.0	0.00	87.18	-	-	0.00	0.00	-	0.00
23	5,707	5,707	<b>8.17</b>	105.0	0.00	86.13	-	-	0.00	0.00	-	0.00
24	7,806	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
25	7,877	7,877	<b>3.64</b>	105.0	0.00	88.93	-	-	0.00	0.00	-	0.00
26	8,456	8,456	<b>2.65</b>	105.0	0.00	89.54	-	-	0.00	0.00	-	0.00
27	8,972	8,972	<b>1.82</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
28	8,867	8,868	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
29	9,844	9,844	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
30	10,238	10,238	<b>-0.02</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	10,703	10,703	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
32	9,737	9,737	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
33	11,717	11,717	<b>-1.87</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
34	12,129	12,129	<b>-2.34</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
35	5,245	5,245	<b>9.35</b>	105.0	0.00	85.40	-	-	0.00	0.00	-	0.00
36	5,668	5,668	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
37	4,880	4,880	<b>10.35</b>	105.0	0.00	84.77	-	-	0.00	0.00	-	0.00
38	5,233	5,233	<b>9.38</b>	105.0	0.00	85.38	-	-	0.00	0.00	-	0.00
39	6,054	6,055	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
40	7,006	7,006	<b>5.29</b>	105.0	0.00	87.91	-	-	0.00	0.00	-	0.00
41	7,134	7,134	<b>5.04</b>	105.0	0.00	88.07	-	-	0.00	0.00	-	0.00
42	8,303	8,303	<b>2.91</b>	105.0	0.00	89.38	-	-	0.00	0.00	-	0.00
43	8,874	8,874	<b>1.97</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
44	7,588	7,589	<b>4.17</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
45	7,923	7,923	<b>3.56</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
46	7,450	7,450	<b>4.43</b>	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
47	9,425	9,425	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
48	9,909	9,909	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
49	10,319	10,319	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
50	9,831	9,831	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
51	10,178	10,178	<b>0.07</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
52	10,548	10,548	<b>-0.43</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
53	11,156	11,156	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
54	12,501	12,501	<b>-2.76</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
55	4,348	4,349	<b>11.94</b>	105.0	0.00	83.77	-	-	0.00	0.00	-	0.00
56	4,662	4,662	<b>10.98</b>	105.0	0.00	84.37	-	-	0.00	0.00	-	0.00
57	5,113	5,113	<b>9.71</b>	105.0	0.00	85.17	-	-	0.00	0.00	-	0.00
58	5,611	5,612	<b>8.41</b>	105.0	0.00	85.98	-	-	0.00	0.00	-	0.00
59	7,227	7,227	<b>4.86</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
60	7,581	7,582	<b>4.18</b>	105.0	0.00	88.60	-	-	0.00	0.00	-	0.00
61	8,340	8,340	<b>2.84</b>	105.0	0.00	89.42	-	-	0.00	0.00	-	0.00
62	7,853	7,853	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
63	8,232	8,233	<b>3.02</b>	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
64	8,998	8,998	<b>1.78</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
65	9,345	9,345	<b>1.25</b>	105.0	0.00	90.41	-	-	0.00	0.00	-	0.00
66	4,521	4,521	<b>11.41</b>	105.0	0.00	84.11	-	-	0.00	0.00	-	0.00
67	6,551	6,552	<b>6.24</b>	105.0	0.00	87.33	-	-	0.00	0.00	-	0.00
68	6,390	6,390	<b>6.59</b>	105.0	0.00	87.11	-	-	0.00	0.00	-	0.00
69	6,986	6,987	<b>5.33</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
70	7,321	7,321	<b>4.67</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00
71	7,851	7,851	<b>3.69</b>	105.0	0.00	88.90	-	-	0.00	0.00	-	0.00
72	8,267	8,267	<b>2.97</b>	105.0	0.00	89.35	-	-	0.00	0.00	-	0.00
73	7,203	7,203	<b>4.90</b>	105.0	0.00	88.15	-	-	0.00	0.00	-	0.00
74	6,282	6,282	<b>6.83</b>	105.0	0.00	86.96	-	-	0.00	0.00	-	0.00
75	6,883	6,883	<b>5.54</b>	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
76	7,272	7,272	<b>4.77</b>	105.0	0.00	88.23	-	-	0.00	0.00	-	0.00
77	9,133	9,134	<b>1.57</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
78	8,057	8,057	<b>3.33</b>	105.0	0.00	89.12	-	-	0.00	0.00	-	0.00
79	9,663	9,663	<b>0.79</b>	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
80	11,145	11,145	<b>-1.19</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
81	11,288	11,288	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
82	11,533	11,533	<b>-1.66</b>	105.0	0.00	92.24	-	-	0.00	0.00	-	0.00
83	12,641	12,641	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
84	13,038	13,038	<b>-3.33</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00
85	13,342	13,342	<b>-3.64</b>	105.0	0.00	93.50	-	-	0.00	0.00	-	0.00
86	13,727	13,728	<b>-4.02</b>	105.0	0.00	93.75	-	-	0.00	0.00	-	0.00
87	11,410	11,410	<b>-1.51</b>	105.0	0.00	92.15	-	-	0.00	0.00	-	0.00
88	11,443	11,443	<b>-1.55</b>	105.0	0.00	92.17	-	-	0.00	0.00	-	0.00
89	12,071	12,071	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	12,292	12,292	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
91	12,550	12,550	<b>-2.81</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
92	12,836	12,836	<b>-3.12</b>	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
93	12,892	12,893	<b>-3.18</b>	105.0	0.00	93.21	-	-	0.00	0.00	-	0.00
94	11,181	11,181	<b>-1.23</b>	105.0	0.00	91.97	-	-	0.00	0.00	-	0.00
95	11,372	11,373	<b>-1.46</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
96	12,056	12,056	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
97	13,404	13,404	<b>-3.70</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
98	13,294	13,294	<b>-3.59</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
99	13,579	13,579	<b>-3.88</b>	105.0	0.00	93.66	-	-	0.00	0.00	-	0.00
100	13,928	13,928	<b>-4.22</b>	105.0	0.00	93.88	-	-	0.00	0.00	-	0.00

Sum 23.87

- Data undefined due to calculation with octave data

## Noise sensitive area: H491 H491

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,119	9,119	<b>1.59</b>	105.0	0.00	90.20	-	-	0.00	0.00	-	0.00
2	9,629	9,629	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
3	9,419	9,420	<b>1.14</b>	105.0	0.00	90.48	-	-	0.00	0.00	-	0.00
4	7,730	7,730	<b>3.91</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
5	7,824	7,824	<b>3.74</b>	105.0	0.00	88.87	-	-	0.00	0.00	-	0.00
6	8,766	8,767	<b>2.14</b>	105.0	0.00	89.86	-	-	0.00	0.00	-	0.00
7	9,026	9,026	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
8	9,533	9,533	<b>0.97</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
9	8,583	8,583	<b>2.44</b>	105.0	0.00	89.67	-	-	0.00	0.00	-	0.00
10	8,871	8,871	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
11	10,269	10,270	<b>-0.06</b>	105.0	0.00	91.23	-	-	0.00	0.00	-	0.00
12	9,225	9,225	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
13	9,908	9,908	<b>0.44</b>	105.0	0.00	90.92	-	-	0.00	0.00	-	0.00
14	10,810	10,810	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
15	10,324	10,324	<b>-0.13</b>	105.0	0.00	91.28	-	-	0.00	0.00	-	0.00
16	8,564	8,564	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
17	9,725	9,725	<b>0.70</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00
18	10,278	10,278	<b>-0.07</b>	105.0	0.00	91.24	-	-	0.00	0.00	-	0.00
19	9,139	9,139	<b>1.56</b>	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
20	10,554	10,554	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
21	10,854	10,854	<b>-0.82</b>	105.0	0.00	91.71	-	-	0.00	0.00	-	0.00
22	6,369	6,370	<b>6.63</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
23	5,629	5,630	<b>8.36</b>	105.0	0.00	86.01	-	-	0.00	0.00	-	0.00
24	7,715	7,715	<b>3.94</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
25	7,778	7,778	<b>3.82</b>	105.0	0.00	88.82	-	-	0.00	0.00	-	0.00
26	8,359	8,359	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
27	8,869	8,869	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
28	8,759	8,759	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
29	9,739	9,739	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
30	10,130	10,130	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
31	10,593	10,593	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
32	9,626	9,626	<b>0.84</b>	105.0	0.00	90.67	-	-	0.00	0.00	-	0.00
33	11,602	11,602	<b>-1.74</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
34	12,011	12,011	<b>-2.21</b>	105.0	0.00	92.59	-	-	0.00	0.00	-	0.00
35	5,151	5,152	<b>9.60</b>	105.0	0.00	85.24	-	-	0.00	0.00	-	0.00
36	5,569	5,569	<b>8.51</b>	105.0	0.00	85.92	-	-	0.00	0.00	-	0.00
37	4,775	4,776	<b>10.65</b>	105.0	0.00	84.58	-	-	0.00	0.00	-	0.00
38	5,125	5,126	<b>9.67</b>	105.0	0.00	85.19	-	-	0.00	0.00	-	0.00
39	5,947	5,947	<b>7.60</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
40	6,901	6,901	<b>5.51</b>	105.0	0.00	87.78	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

**Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s**

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	7,020	7,020	<b>5.26</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
42	8,192	8,192	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00
43	8,760	8,760	<b>2.15</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
44	7,476	7,476	<b>4.38</b>	105.0	0.00	88.47	-	-	0.00	0.00	-	0.00
45	7,806	7,806	<b>3.77</b>	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
46	7,331	7,331	<b>4.65</b>	105.0	0.00	88.30	-	-	0.00	0.00	-	0.00
47	9,308	9,308	<b>1.31</b>	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
48	9,791	9,791	<b>0.60</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
49	10,201	10,201	<b>0.03</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
50	9,708	9,708	<b>0.72</b>	105.0	0.00	90.74	-	-	0.00	0.00	-	0.00
51	10,056	10,056	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
52	10,426	10,426	<b>-0.27</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
53	11,037	11,037	<b>-1.05</b>	105.0	0.00	91.86	-	-	0.00	0.00	-	0.00
54	12,380	12,380	<b>-2.62</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
55	4,228	4,228	<b>12.32</b>	105.0	0.00	83.52	-	-	0.00	0.00	-	0.00
56	4,537	4,538	<b>11.36</b>	105.0	0.00	84.14	-	-	0.00	0.00	-	0.00
57	4,990	4,990	<b>10.04</b>	105.0	0.00	84.96	-	-	0.00	0.00	-	0.00
58	5,487	5,487	<b>8.72</b>	105.0	0.00	85.79	-	-	0.00	0.00	-	0.00
59	7,101	7,101	<b>5.10</b>	105.0	0.00	88.03	-	-	0.00	0.00	-	0.00
60	7,455	7,456	<b>4.42</b>	105.0	0.00	88.45	-	-	0.00	0.00	-	0.00
61	8,215	8,216	<b>3.05</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
62	7,725	7,725	<b>3.92</b>	105.0	0.00	88.76	-	-	0.00	0.00	-	0.00
63	8,104	8,104	<b>3.24</b>	105.0	0.00	89.17	-	-	0.00	0.00	-	0.00
64	8,872	8,872	<b>1.98</b>	105.0	0.00	89.96	-	-	0.00	0.00	-	0.00
65	9,221	9,221	<b>1.44</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
66	4,391	4,391	<b>11.81</b>	105.0	0.00	83.85	-	-	0.00	0.00	-	0.00
67	6,419	6,419	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
68	6,257	6,257	<b>6.88</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
69	6,854	6,854	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
70	7,189	7,189	<b>4.93</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
71	7,719	7,719	<b>3.93</b>	105.0	0.00	88.75	-	-	0.00	0.00	-	0.00
72	8,134	8,134	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
73	7,070	7,070	<b>5.16</b>	105.0	0.00	87.99	-	-	0.00	0.00	-	0.00
74	6,151	6,152	<b>7.12</b>	105.0	0.00	86.78	-	-	0.00	0.00	-	0.00
75	6,753	6,753	<b>5.81</b>	105.0	0.00	87.59	-	-	0.00	0.00	-	0.00
76	7,142	7,142	<b>5.02</b>	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
77	9,001	9,001	<b>1.77</b>	105.0	0.00	90.09	-	-	0.00	0.00	-	0.00
78	7,929	7,929	<b>3.55</b>	105.0	0.00	88.98	-	-	0.00	0.00	-	0.00
79	9,534	9,534	<b>0.97</b>	105.0	0.00	90.59	-	-	0.00	0.00	-	0.00
80	11,013	11,013	<b>-1.02</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
81	11,158	11,158	<b>-1.20</b>	105.0	0.00	91.95	-	-	0.00	0.00	-	0.00
82	11,403	11,403	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
83	12,509	12,509	<b>-2.77</b>	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
84	12,907	12,907	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
85	13,211	13,211	<b>-3.51</b>	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
86	13,596	13,596	<b>-3.90</b>	105.0	0.00	93.67	-	-	0.00	0.00	-	0.00
87	11,287	11,287	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
88	11,315	11,315	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00
89	11,944	11,944	<b>-2.14</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
90	12,164	12,164	<b>-2.38</b>	105.0	0.00	92.70	-	-	0.00	0.00	-	0.00
91	12,424	12,424	<b>-2.67</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
92	12,709	12,709	<b>-2.98</b>	105.0	0.00	93.08	-	-	0.00	0.00	-	0.00
93	12,763	12,763	<b>-3.04</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
94	11,065	11,065	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
95	11,254	11,255	<b>-1.32</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
96	11,938	11,938	<b>-2.13</b>	105.0	0.00	92.54	-	-	0.00	0.00	-	0.00
97	13,282	13,282	<b>-3.58</b>	105.0	0.00	93.47	-	-	0.00	0.00	-	0.00
98	13,169	13,170	<b>-3.46</b>	105.0	0.00	93.39	-	-	0.00	0.00	-	0.00
99	13,453	13,453	<b>-3.75</b>	105.0	0.00	93.58	-	-	0.00	0.00	-	0.00
100	13,805	13,805	<b>-4.10</b>	105.0	0.00	93.80	-	-	0.00	0.00	-	0.00

Sum 24.11

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H492 H492

No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,671	9,671	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
2	10,225	10,225	<b>0.00</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
3	10,074	10,074	<b>0.21</b>	105.0	0.00	91.06	-	-	0.00	0.00	-	0.00
4	8,306	8,306	<b>2.90</b>	105.0	0.00	89.39	-	-	0.00	0.00	-	0.00
5	8,469	8,469	<b>2.63</b>	105.0	0.00	89.56	-	-	0.00	0.00	-	0.00
6	9,489	9,489	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
7	9,802	9,803	<b>0.59</b>	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
8	10,366	10,366	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
9	9,424	9,425	<b>1.13</b>	105.0	0.00	90.49	-	-	0.00	0.00	-	0.00
10	9,735	9,736	<b>0.68</b>	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
11	11,234	11,234	<b>-1.30</b>	105.0	0.00	92.01	-	-	0.00	0.00	-	0.00
12	10,222	10,222	<b>0.01</b>	105.0	0.00	91.19	-	-	0.00	0.00	-	0.00
13	10,925	10,925	<b>-0.91</b>	105.0	0.00	91.77	-	-	0.00	0.00	-	0.00
14	11,835	11,835	<b>-2.01</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00
15	11,426	11,426	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
16	9,597	9,597	<b>0.88</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
17	10,836	10,836	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
18	11,431	11,431	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
19	10,289	10,289	<b>-0.08</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
20	11,764	11,764	<b>-1.93</b>	105.0	0.00	92.41	-	-	0.00	0.00	-	0.00
21	12,069	12,069	<b>-2.28</b>	105.0	0.00	92.63	-	-	0.00	0.00	-	0.00
22	7,399	7,399	<b>4.52</b>	105.0	0.00	88.38	-	-	0.00	0.00	-	0.00
23	6,733	6,734	<b>5.85</b>	105.0	0.00	87.57	-	-	0.00	0.00	-	0.00
24	8,902	8,902	<b>1.93</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
25	9,017	9,017	<b>1.75</b>	105.0	0.00	90.10	-	-	0.00	0.00	-	0.00
26	9,582	9,582	<b>0.90</b>	105.0	0.00	90.63	-	-	0.00	0.00	-	0.00
27	10,132	10,132	<b>0.13</b>	105.0	0.00	91.11	-	-	0.00	0.00	-	0.00
28	10,056	10,056	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
29	11,017	11,017	<b>-1.03</b>	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
30	11,424	11,424	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
31	11,898	11,898	<b>-2.08</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
32	10,936	10,936	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
33	12,933	12,933	<b>-3.22</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
34	13,357	13,357	<b>-3.66</b>	105.0	0.00	93.51	-	-	0.00	0.00	-	0.00
35	6,366	6,366	<b>6.64</b>	105.0	0.00	87.08	-	-	0.00	0.00	-	0.00
36	6,814	6,814	<b>5.68</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
37	6,056	6,056	<b>7.34</b>	105.0	0.00	86.64	-	-	0.00	0.00	-	0.00
38	6,423	6,423	<b>6.51</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
39	7,241	7,241	<b>4.83</b>	105.0	0.00	88.20	-	-	0.00	0.00	-	0.00
40	8,180	8,180	<b>3.11</b>	105.0	0.00	89.26	-	-	0.00	0.00	-	0.00
41	8,351	8,351	<b>2.82</b>	105.0	0.00	89.43	-	-	0.00	0.00	-	0.00
42	9,503	9,503	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
43	10,088	10,088	<b>0.19</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
44	8,798	8,798	<b>2.09</b>	105.0	0.00	89.89	-	-	0.00	0.00	-	0.00
45	9,149	9,149	<b>1.55</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
46	8,686	8,686	<b>2.27</b>	105.0	0.00	89.78	-	-	0.00	0.00	-	0.00
47	10,653	10,653	<b>-0.56</b>	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
48	11,140	11,140	<b>-1.18</b>	105.0	0.00	91.94	-	-	0.00	0.00	-	0.00
49	11,549	11,550	<b>-1.68</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00
50	11,079	11,079	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
51	11,423	11,423	<b>-1.52</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
52	11,792	11,792	<b>-1.96</b>	105.0	0.00	92.43	-	-	0.00	0.00	-	0.00
53	12,389	12,389	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
54	13,740	13,740	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
55	5,591	5,592	<b>8.46</b>	105.0	0.00	85.95	-	-	0.00	0.00	-	0.00
56	5,913	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
57	6,361	6,362	<b>6.65</b>	105.0	0.00	87.07	-	-	0.00	0.00	-	0.00
58	6,863	6,863	<b>5.58</b>	105.0	0.00	87.73	-	-	0.00	0.00	-	0.00
59	8,481	8,481	<b>2.61</b>	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	8,835	8,836	<b>2.03</b>	105.0	0.00	89.92	-	-	0.00	0.00	-	0.00
61	9,591	9,591	<b>0.89</b>	105.0	0.00	90.64	-	-	0.00	0.00	-	0.00
62	9,109	9,109	<b>1.61</b>	105.0	0.00	90.19	-	-	0.00	0.00	-	0.00
63	9,488	9,489	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
64	10,252	10,252	<b>-0.03</b>	105.0	0.00	91.22	-	-	0.00	0.00	-	0.00
65	10,597	10,597	<b>-0.49</b>	105.0	0.00	91.50	-	-	0.00	0.00	-	0.00
66	5,775	5,775	<b>8.01</b>	105.0	0.00	86.23	-	-	0.00	0.00	-	0.00
67	7,789	7,790	<b>3.80</b>	105.0	0.00	88.83	-	-	0.00	0.00	-	0.00
68	7,618	7,619	<b>4.11</b>	105.0	0.00	88.64	-	-	0.00	0.00	-	0.00
69	8,225	8,225	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
70	8,563	8,564	<b>2.47</b>	105.0	0.00	89.65	-	-	0.00	0.00	-	0.00
71	9,094	9,094	<b>1.63</b>	105.0	0.00	90.18	-	-	0.00	0.00	-	0.00
72	9,501	9,501	<b>1.02</b>	105.0	0.00	90.56	-	-	0.00	0.00	-	0.00
73	8,423	8,423	<b>2.70</b>	105.0	0.00	89.51	-	-	0.00	0.00	-	0.00
74	7,427	7,428	<b>4.47</b>	105.0	0.00	88.42	-	-	0.00	0.00	-	0.00
75	8,022	8,023	<b>3.39</b>	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
76	8,416	8,417	<b>2.71</b>	105.0	0.00	89.50	-	-	0.00	0.00	-	0.00
77	10,317	10,317	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00
78	9,172	9,173	<b>1.51</b>	105.0	0.00	90.25	-	-	0.00	0.00	-	0.00
79	10,777	10,777	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
80	12,315	12,315	<b>-2.55</b>	105.0	0.00	92.81	-	-	0.00	0.00	-	0.00
81	12,420	12,420	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
82	12,677	12,677	<b>-2.95</b>	105.0	0.00	93.06	-	-	0.00	0.00	-	0.00
83	13,813	13,813	<b>-4.11</b>	105.0	0.00	93.81	-	-	0.00	0.00	-	0.00
84	14,182	14,182	<b>-4.46</b>	105.0	0.00	94.03	-	-	0.00	0.00	-	0.00
85	14,493	14,493	<b>-4.75</b>	105.0	0.00	94.22	-	-	0.00	0.00	-	0.00
86	14,879	14,879	<b>-5.11</b>	105.0	0.00	94.45	-	-	0.00	0.00	-	0.00
87	12,435	12,435	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
88	12,542	12,542	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
89	13,154	13,154	<b>-3.45</b>	105.0	0.00	93.38	-	-	0.00	0.00	-	0.00
90	13,395	13,395	<b>-3.69</b>	105.0	0.00	93.54	-	-	0.00	0.00	-	0.00
91	13,619	13,620	<b>-3.92</b>	105.0	0.00	93.68	-	-	0.00	0.00	-	0.00
92	13,917	13,918	<b>-4.21</b>	105.0	0.00	93.87	-	-	0.00	0.00	-	0.00
93	14,018	14,018	<b>-4.31</b>	105.0	0.00	93.93	-	-	0.00	0.00	-	0.00
94	12,117	12,117	<b>-2.33</b>	105.0	0.00	92.67	-	-	0.00	0.00	-	0.00
95	12,333	12,333	<b>-2.57</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
96	13,007	13,007	<b>-3.30</b>	105.0	0.00	93.28	-	-	0.00	0.00	-	0.00
97	14,413	14,413	<b>-4.68</b>	105.0	0.00	94.17	-	-	0.00	0.00	-	0.00
98	14,334	14,334	<b>-4.61</b>	105.0	0.00	94.13	-	-	0.00	0.00	-	0.00
99	14,638	14,638	<b>-4.89</b>	105.0	0.00	94.31	-	-	0.00	0.00	-	0.00
100	14,952	14,952	<b>-5.17</b>	105.0	0.00	94.49	-	-	0.00	0.00	-	0.00

Sum 21.62

- Data undefined due to calculation with octave data

### Noise sensitive area: H493 H493

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	9,526	9,526	<b>0.99</b>	105.0	0.00	90.58	-	-	0.00	0.00	-	0.00
2	10,024	10,024	<b>0.28</b>	105.0	0.00	91.02	-	-	0.00	0.00	-	0.00
3	9,800	9,800	<b>0.59</b>	105.0	0.00	90.82	-	-	0.00	0.00	-	0.00
4	8,135	8,136	<b>3.19</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
5	8,212	8,212	<b>3.06</b>	105.0	0.00	89.29	-	-	0.00	0.00	-	0.00
6	9,129	9,129	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
7	9,371	9,371	<b>1.21</b>	105.0	0.00	90.44	-	-	0.00	0.00	-	0.00
8	9,857	9,857	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
9	8,907	8,907	<b>1.92</b>	105.0	0.00	89.99	-	-	0.00	0.00	-	0.00
10	9,186	9,186	<b>1.49</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
11	10,539	10,539	-0.42	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
12	9,483	9,483	1.05	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
13	10,154	10,154	0.10	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
14	11,049	11,049	-1.07	105.0	0.00	91.87	-	-	0.00	0.00	-	0.00
15	10,525	10,525	-0.40	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
16	8,807	8,807	2.08	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
17	9,921	9,921	0.42	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00
18	10,447	10,447	-0.29	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00
19	9,313	9,313	1.30	105.0	0.00	90.38	-	-	0.00	0.00	-	0.00
20	10,684	10,684	-0.60	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
21	10,978	10,978	-0.98	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00
22	6,625	6,625	6.08	105.0	0.00	87.42	-	-	0.00	0.00	-	0.00
23	5,850	5,851	7.82	105.0	0.00	86.34	-	-	0.00	0.00	-	0.00
24	7,870	7,870	3.66	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
25	7,892	7,892	3.62	105.0	0.00	88.94	-	-	0.00	0.00	-	0.00
26	8,485	8,485	2.60	105.0	0.00	89.57	-	-	0.00	0.00	-	0.00
27	8,958	8,958	1.84	105.0	0.00	90.04	-	-	0.00	0.00	-	0.00
28	8,815	8,815	2.07	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
29	9,811	9,811	0.58	105.0	0.00	90.83	-	-	0.00	0.00	-	0.00
30	10,185	10,185	0.06	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
31	10,635	10,635	-0.54	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
32	9,664	9,664	0.79	105.0	0.00	90.70	-	-	0.00	0.00	-	0.00
33	11,610	11,610	-1.75	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
34	11,994	11,994	-2.19	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
35	5,303	5,304	9.20	105.0	0.00	85.49	-	-	0.00	0.00	-	0.00
36	5,692	5,692	8.21	105.0	0.00	86.11	-	-	0.00	0.00	-	0.00
37	4,871	4,871	10.38	105.0	0.00	84.75	-	-	0.00	0.00	-	0.00
38	5,199	5,199	9.48	105.0	0.00	85.32	-	-	0.00	0.00	-	0.00
39	6,019	6,019	7.43	105.0	0.00	86.59	-	-	0.00	0.00	-	0.00
40	6,982	6,982	5.34	105.0	0.00	87.88	-	-	0.00	0.00	-	0.00
41	7,039	7,039	5.23	105.0	0.00	87.95	-	-	0.00	0.00	-	0.00
42	8,232	8,232	3.03	105.0	0.00	89.31	-	-	0.00	0.00	-	0.00
43	8,779	8,779	2.12	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
44	7,505	7,505	4.32	105.0	0.00	88.51	-	-	0.00	0.00	-	0.00
45	7,804	7,804	3.77	105.0	0.00	88.85	-	-	0.00	0.00	-	0.00
46	7,309	7,309	4.70	105.0	0.00	88.28	-	-	0.00	0.00	-	0.00
47	9,298	9,298	1.32	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00
48	9,774	9,774	0.63	105.0	0.00	90.80	-	-	0.00	0.00	-	0.00
49	10,185	10,185	0.06	105.0	0.00	91.16	-	-	0.00	0.00	-	0.00
50	9,648	9,648	0.81	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
51	10,002	10,002	0.31	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
52	10,375	10,375	-0.20	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
53	11,014	11,014	-1.02	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
54	12,338	12,338	-2.58	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
55	4,207	4,208	12.39	105.0	0.00	83.48	-	-	0.00	0.00	-	0.00
56	4,479	4,479	11.53	105.0	0.00	84.02	-	-	0.00	0.00	-	0.00
57	4,942	4,942	10.18	105.0	0.00	84.88	-	-	0.00	0.00	-	0.00
58	5,423	5,423	8.89	105.0	0.00	85.68	-	-	0.00	0.00	-	0.00
59	7,012	7,012	5.28	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
60	7,366	7,366	4.59	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
61	8,143	8,143	3.18	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
62	7,609	7,609	4.13	105.0	0.00	88.63	-	-	0.00	0.00	-	0.00
63	7,987	7,987	3.45	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
64	8,780	8,780	2.12	105.0	0.00	89.87	-	-	0.00	0.00	-	0.00
65	9,142	9,142	1.56	105.0	0.00	90.22	-	-	0.00	0.00	-	0.00
66	4,250	4,251	12.25	105.0	0.00	83.57	-	-	0.00	0.00	-	0.00
67	6,210	6,211	6.99	105.0	0.00	86.86	-	-	0.00	0.00	-	0.00
68	6,028	6,029	7.40	105.0	0.00	86.60	-	-	0.00	0.00	-	0.00
69	6,647	6,647	6.03	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
70	6,991	6,991	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
71	7,522	7,522	<b>4.29</b>	105.0	0.00	88.53	-	-	0.00	0.00	-	0.00
72	7,915	7,915	<b>3.58</b>	105.0	0.00	88.97	-	-	0.00	0.00	-	0.00
73	6,825	6,826	<b>5.66</b>	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
74	5,822	5,822	<b>7.89</b>	105.0	0.00	86.30	-	-	0.00	0.00	-	0.00
75	6,419	6,419	<b>6.52</b>	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
76	6,812	6,812	<b>5.69</b>	105.0	0.00	87.67	-	-	0.00	0.00	-	0.00
77	8,708	8,708	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00
78	7,577	7,578	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
79	9,183	9,183	<b>1.50</b>	105.0	0.00	90.26	-	-	0.00	0.00	-	0.00
80	10,707	10,707	<b>-0.63</b>	105.0	0.00	91.59	-	-	0.00	0.00	-	0.00
81	10,820	10,820	<b>-0.78</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
82	11,074	11,074	<b>-1.10</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
83	12,205	12,205	<b>-2.43</b>	105.0	0.00	92.73	-	-	0.00	0.00	-	0.00
84	12,579	12,579	<b>-2.84</b>	105.0	0.00	92.99	-	-	0.00	0.00	-	0.00
85	12,888	12,888	<b>-3.17</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
86	13,274	13,274	<b>-3.57</b>	105.0	0.00	93.46	-	-	0.00	0.00	-	0.00
87	10,888	10,888	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
88	10,955	10,955	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00
89	11,574	11,574	<b>-1.71</b>	105.0	0.00	92.27	-	-	0.00	0.00	-	0.00
90	11,806	11,806	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
91	12,047	12,047	<b>-2.25</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
92	12,339	12,339	<b>-2.58</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
93	12,421	12,421	<b>-2.67</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00
94	10,631	10,631	<b>-0.54</b>	105.0	0.00	91.53	-	-	0.00	0.00	-	0.00
95	10,829	10,829	<b>-0.79</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
96	11,510	11,510	<b>-1.63</b>	105.0	0.00	92.22	-	-	0.00	0.00	-	0.00
97	12,877	12,877	<b>-3.16</b>	105.0	0.00	93.20	-	-	0.00	0.00	-	0.00
98	12,778	12,778	<b>-3.05</b>	105.0	0.00	93.13	-	-	0.00	0.00	-	0.00
99	13,071	13,071	<b>-3.36</b>	105.0	0.00	93.33	-	-	0.00	0.00	-	0.00
100	13,406	13,406	<b>-3.71</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00

Sum 24.16

- Data undefined due to calculation with octave data

### Noise sensitive area: H494 H494

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,371	10,371	<b>-0.19</b>	105.0	0.00	91.32	-	-	0.00	0.00	-	0.00
2	10,910	10,910	<b>-0.89</b>	105.0	0.00	91.76	-	-	0.00	0.00	-	0.00
3	10,734	10,734	<b>-0.67</b>	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
4	8,994	8,994	<b>1.79</b>	105.0	0.00	90.08	-	-	0.00	0.00	-	0.00
5	9,129	9,129	<b>1.58</b>	105.0	0.00	90.21	-	-	0.00	0.00	-	0.00
6	10,117	10,117	<b>0.15</b>	105.0	0.00	91.10	-	-	0.00	0.00	-	0.00
7	10,405	10,406	<b>-0.24</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
8	10,940	10,940	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
9	9,992	9,992	<b>0.32</b>	105.0	0.00	90.99	-	-	0.00	0.00	-	0.00
10	10,291	10,291	<b>-0.09</b>	105.0	0.00	91.25	-	-	0.00	0.00	-	0.00
11	11,730	11,730	<b>-1.89</b>	105.0	0.00	92.39	-	-	0.00	0.00	-	0.00
12	10,695	10,695	<b>-0.62</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
13	11,384	11,384	<b>-1.48</b>	105.0	0.00	92.13	-	-	0.00	0.00	-	0.00
14	12,289	12,289	<b>-2.52</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
15	11,819	11,819	<b>-1.99</b>	105.0	0.00	92.45	-	-	0.00	0.00	-	0.00
16	10,044	10,044	<b>0.25</b>	105.0	0.00	91.04	-	-	0.00	0.00	-	0.00
17	11,220	11,220	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
18	11,777	11,777	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
19	10,638	10,638	<b>-0.54</b>	105.0	0.00	91.54	-	-	0.00	0.00	-	0.00
20	12,051	12,051	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

...continued from previous page

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
21	12,350	12,350	<b>-2.59</b>	105.0	0.00	92.83	-	-	0.00	0.00	-	0.00
22	7,845	7,845	<b>3.70</b>	105.0	0.00	88.89	-	-	0.00	0.00	-	0.00
23	7,121	7,121	<b>5.06</b>	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
24	9,214	9,214	<b>1.45</b>	105.0	0.00	90.29	-	-	0.00	0.00	-	0.00
25	9,271	9,271	<b>1.36</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00
26	9,855	9,855	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
27	10,354	10,354	<b>-0.17</b>	105.0	0.00	91.30	-	-	0.00	0.00	-	0.00
28	10,229	10,229	<b>0.00</b>	105.0	0.00	91.20	-	-	0.00	0.00	-	0.00
29	11,217	11,217	<b>-1.27</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00
30	11,599	11,599	<b>-1.73</b>	105.0	0.00	92.29	-	-	0.00	0.00	-	0.00
31	12,055	12,055	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
32	11,085	11,085	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
33	13,040	13,040	<b>-3.33</b>	105.0	0.00	93.31	-	-	0.00	0.00	-	0.00
34	13,428	13,428	<b>-3.73</b>	105.0	0.00	93.56	-	-	0.00	0.00	-	0.00
35	6,650	6,650	<b>6.02</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
36	7,063	7,063	<b>5.18</b>	105.0	0.00	87.98	-	-	0.00	0.00	-	0.00
37	6,260	6,261	<b>6.87</b>	105.0	0.00	86.93	-	-	0.00	0.00	-	0.00
38	6,601	6,601	<b>6.13</b>	105.0	0.00	87.39	-	-	0.00	0.00	-	0.00
39	7,423	7,423	<b>4.48</b>	105.0	0.00	88.41	-	-	0.00	0.00	-	0.00
40	8,382	8,382	<b>2.77</b>	105.0	0.00	89.47	-	-	0.00	0.00	-	0.00
41	8,465	8,465	<b>2.63</b>	105.0	0.00	89.55	-	-	0.00	0.00	-	0.00
42	9,652	9,652	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
43	10,206	10,206	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
44	8,928	8,928	<b>1.89</b>	105.0	0.00	90.02	-	-	0.00	0.00	-	0.00
45	9,235	9,235	<b>1.42</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
46	8,743	8,743	<b>2.18</b>	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
47	10,730	10,730	<b>-0.66</b>	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
48	11,208	11,208	<b>-1.26</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00
49	11,619	11,619	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
50	11,080	11,080	<b>-1.11</b>	105.0	0.00	91.89	-	-	0.00	0.00	-	0.00
51	11,435	11,435	<b>-1.54</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
52	11,808	11,808	<b>-1.98</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
53	12,448	12,448	<b>-2.70</b>	105.0	0.00	92.90	-	-	0.00	0.00	-	0.00
54	13,772	13,772	<b>-4.07</b>	105.0	0.00	93.78	-	-	0.00	0.00	-	0.00
55	5,639	5,640	<b>8.34</b>	105.0	0.00	86.03	-	-	0.00	0.00	-	0.00
56	5,913	5,913	<b>7.68</b>	105.0	0.00	86.44	-	-	0.00	0.00	-	0.00
57	6,376	6,376	<b>6.62</b>	105.0	0.00	87.09	-	-	0.00	0.00	-	0.00
58	6,856	6,856	<b>5.60</b>	105.0	0.00	87.72	-	-	0.00	0.00	-	0.00
59	8,440	8,440	<b>2.68</b>	105.0	0.00	89.53	-	-	0.00	0.00	-	0.00
60	8,794	8,794	<b>2.10</b>	105.0	0.00	89.88	-	-	0.00	0.00	-	0.00
61	9,574	9,574	<b>0.92</b>	105.0	0.00	90.62	-	-	0.00	0.00	-	0.00
62	9,027	9,028	<b>1.73</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
63	9,405	9,405	<b>1.16</b>	105.0	0.00	90.47	-	-	0.00	0.00	-	0.00
64	10,205	10,205	<b>0.03</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00
65	10,571	10,571	<b>-0.46</b>	105.0	0.00	91.48	-	-	0.00	0.00	-	0.00
66	5,666	5,666	<b>8.27</b>	105.0	0.00	86.07	-	-	0.00	0.00	-	0.00
67	7,574	7,574	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
68	7,374	7,374	<b>4.57</b>	105.0	0.00	88.35	-	-	0.00	0.00	-	0.00
69	8,010	8,010	<b>3.41</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
70	8,361	8,361	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
71	8,891	8,891	<b>1.95</b>	105.0	0.00	89.98	-	-	0.00	0.00	-	0.00
72	9,262	9,262	<b>1.38</b>	105.0	0.00	90.33	-	-	0.00	0.00	-	0.00
73	8,149	8,149	<b>3.17</b>	105.0	0.00	89.22	-	-	0.00	0.00	-	0.00
74	7,025	7,026	<b>5.25</b>	105.0	0.00	87.93	-	-	0.00	0.00	-	0.00
75	7,607	7,607	<b>4.13</b>	105.0	0.00	88.62	-	-	0.00	0.00	-	0.00
76	8,004	8,005	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
77	9,954	9,954	<b>0.37</b>	105.0	0.00	90.96	-	-	0.00	0.00	-	0.00
78	8,717	8,717	<b>2.22</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
79	10,313	10,313	<b>-0.12</b>	105.0	0.00	91.27	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
80	11,921	11,921	<b>-2.11</b>	105.0	0.00	92.53	-	-	0.00	0.00	-	0.00
81	11,972	11,973	<b>-2.17</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00
82	12,243	12,243	<b>-2.47</b>	105.0	0.00	92.76	-	-	0.00	0.00	-	0.00
83	13,419	13,419	<b>-3.72</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
84	13,745	13,745	<b>-4.04</b>	105.0	0.00	93.76	-	-	0.00	0.00	-	0.00
85	14,064	14,064	<b>-4.35</b>	105.0	0.00	93.96	-	-	0.00	0.00	-	0.00
86	14,451	14,451	<b>-4.72</b>	105.0	0.00	94.20	-	-	0.00	0.00	-	0.00
87	11,872	11,872	<b>-2.05</b>	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
88	12,053	12,053	<b>-2.26</b>	105.0	0.00	92.62	-	-	0.00	0.00	-	0.00
89	12,645	12,645	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
90	12,907	12,907	<b>-3.19</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00
91	13,095	13,095	<b>-3.39</b>	105.0	0.00	93.34	-	-	0.00	0.00	-	0.00
92	13,405	13,405	<b>-3.70</b>	105.0	0.00	93.55	-	-	0.00	0.00	-	0.00
93	13,557	13,557	<b>-3.86</b>	105.0	0.00	93.64	-	-	0.00	0.00	-	0.00
94	11,486	11,486	<b>-1.60</b>	105.0	0.00	92.20	-	-	0.00	0.00	-	0.00
95	11,718	11,719	<b>-1.87</b>	105.0	0.00	92.38	-	-	0.00	0.00	-	0.00
96	12,384	12,384	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
97	13,830	13,831	<b>-4.13</b>	105.0	0.00	93.82	-	-	0.00	0.00	-	0.00
98	13,780	13,780	<b>-4.08</b>	105.0	0.00	93.79	-	-	0.00	0.00	-	0.00
99	14,101	14,101	<b>-4.39</b>	105.0	0.00	93.99	-	-	0.00	0.00	-	0.00
100	14,381	14,381	<b>-4.65</b>	105.0	0.00	94.16	-	-	0.00	0.00	-	0.00

Sum 21.52

- Data undefined due to calculation with octave data

### Noise sensitive area: H495 H495

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	10,996	10,996	<b>-1.00</b>	105.0	0.00	91.83	-	-	0.00	0.00	-	0.00
2	11,492	11,492	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
3	11,263	11,263	<b>-1.33</b>	105.0	0.00	92.03	-	-	0.00	0.00	-	0.00
4	9,606	9,606	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
5	9,679	9,679	<b>0.76</b>	105.0	0.00	90.72	-	-	0.00	0.00	-	0.00
6	10,584	10,584	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00
7	10,815	10,815	<b>-0.77</b>	105.0	0.00	91.68	-	-	0.00	0.00	-	0.00
8	11,284	11,284	<b>-1.36</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
9	10,335	10,335	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
10	10,605	10,606	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
11	11,909	11,909	<b>-2.09</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00
12	10,842	10,842	<b>-0.81</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
13	11,496	11,496	<b>-1.61</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00
14	12,381	12,381	<b>-2.63</b>	105.0	0.00	92.85	-	-	0.00	0.00	-	0.00
15	11,803	11,803	<b>-1.97</b>	105.0	0.00	92.44	-	-	0.00	0.00	-	0.00
16	10,150	10,150	<b>0.10</b>	105.0	0.00	91.13	-	-	0.00	0.00	-	0.00
17	11,196	11,196	<b>-1.25</b>	105.0	0.00	91.98	-	-	0.00	0.00	-	0.00
18	11,677	11,677	<b>-1.83</b>	105.0	0.00	92.35	-	-	0.00	0.00	-	0.00
19	10,558	10,558	<b>-0.44</b>	105.0	0.00	91.47	-	-	0.00	0.00	-	0.00
20	11,846	11,846	<b>-2.02</b>	105.0	0.00	92.47	-	-	0.00	0.00	-	0.00
21	12,131	12,131	<b>-2.35</b>	105.0	0.00	92.68	-	-	0.00	0.00	-	0.00
22	7,993	7,993	<b>3.44</b>	105.0	0.00	89.05	-	-	0.00	0.00	-	0.00
23	7,183	7,183	<b>4.94</b>	105.0	0.00	88.13	-	-	0.00	0.00	-	0.00
24	9,092	9,092	<b>1.63</b>	105.0	0.00	90.17	-	-	0.00	0.00	-	0.00
25	9,048	9,048	<b>1.70</b>	105.0	0.00	90.13	-	-	0.00	0.00	-	0.00
26	9,655	9,655	<b>0.80</b>	105.0	0.00	90.69	-	-	0.00	0.00	-	0.00
27	10,060	10,061	<b>0.23</b>	105.0	0.00	91.05	-	-	0.00	0.00	-	0.00
28	9,855	9,855	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
29	10,875	10,875	<b>-0.85</b>	105.0	0.00	91.73	-	-	0.00	0.00	-	0.00
30	11,211	11,211	<b>-1.27</b>	105.0	0.00	91.99	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
31	11,631	11,631	-1.77	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
32	10,660	10,660	-0.57	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
33	12,527	12,527	-2.79	105.0	0.00	92.96	-	-	0.00	0.00	-	0.00
34	12,855	12,855	-3.14	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
35	6,549	6,549	6.24	105.0	0.00	87.32	-	-	0.00	0.00	-	0.00
36	6,887	6,887	5.53	105.0	0.00	87.76	-	-	0.00	0.00	-	0.00
37	6,038	6,039	7.38	105.0	0.00	86.62	-	-	0.00	0.00	-	0.00
38	6,322	6,322	6.74	105.0	0.00	87.02	-	-	0.00	0.00	-	0.00
39	7,123	7,124	5.06	105.0	0.00	88.05	-	-	0.00	0.00	-	0.00
40	8,089	8,089	3.27	105.0	0.00	89.16	-	-	0.00	0.00	-	0.00
41	8,028	8,028	3.38	105.0	0.00	89.09	-	-	0.00	0.00	-	0.00
42	9,247	9,247	1.40	105.0	0.00	90.32	-	-	0.00	0.00	-	0.00
43	9,742	9,743	0.67	105.0	0.00	90.77	-	-	0.00	0.00	-	0.00
44	8,506	8,506	2.57	105.0	0.00	89.59	-	-	0.00	0.00	-	0.00
45	8,737	8,737	2.19	105.0	0.00	89.83	-	-	0.00	0.00	-	0.00
46	8,208	8,208	3.07	105.0	0.00	89.28	-	-	0.00	0.00	-	0.00
47	10,196	10,196	0.04	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00
48	10,652	10,652	-0.56	105.0	0.00	91.55	-	-	0.00	0.00	-	0.00
49	11,061	11,061	-1.08	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
50	10,426	10,426	-0.27	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
51	10,790	10,790	-0.74	105.0	0.00	91.66	-	-	0.00	0.00	-	0.00
52	11,167	11,167	-1.21	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
53	11,866	11,866	-2.05	105.0	0.00	92.49	-	-	0.00	0.00	-	0.00
54	13,137	13,137	-3.43	105.0	0.00	93.37	-	-	0.00	0.00	-	0.00
55	5,189	5,190	9.50	105.0	0.00	85.30	-	-	0.00	0.00	-	0.00
56	5,372	5,372	9.02	105.0	0.00	85.60	-	-	0.00	0.00	-	0.00
57	5,839	5,840	7.85	105.0	0.00	86.33	-	-	0.00	0.00	-	0.00
58	6,268	6,268	6.86	105.0	0.00	86.94	-	-	0.00	0.00	-	0.00
59	7,761	7,761	3.85	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
60	8,107	8,107	3.24	105.0	0.00	89.18	-	-	0.00	0.00	-	0.00
61	8,911	8,911	1.92	105.0	0.00	90.00	-	-	0.00	0.00	-	0.00
62	8,276	8,276	2.95	105.0	0.00	89.36	-	-	0.00	0.00	-	0.00
63	8,645	8,646	2.34	105.0	0.00	89.74	-	-	0.00	0.00	-	0.00
64	9,489	9,489	1.04	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
65	9,881	9,881	0.48	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
66	4,965	4,965	10.11	105.0	0.00	84.92	-	-	0.00	0.00	-	0.00
67	6,657	6,657	6.01	105.0	0.00	87.47	-	-	0.00	0.00	-	0.00
68	6,419	6,420	6.52	105.0	0.00	87.15	-	-	0.00	0.00	-	0.00
69	7,084	7,084	5.14	105.0	0.00	88.01	-	-	0.00	0.00	-	0.00
70	7,446	7,447	4.43	105.0	0.00	88.44	-	-	0.00	0.00	-	0.00
71	7,969	7,969	3.48	105.0	0.00	89.03	-	-	0.00	0.00	-	0.00
72	8,285	8,286	2.93	105.0	0.00	89.37	-	-	0.00	0.00	-	0.00
73	7,141	7,141	5.02	105.0	0.00	88.08	-	-	0.00	0.00	-	0.00
74	5,870	5,871	7.78	105.0	0.00	86.37	-	-	0.00	0.00	-	0.00
75	6,428	6,428	6.50	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
76	6,825	6,825	5.66	105.0	0.00	87.68	-	-	0.00	0.00	-	0.00
77	8,815	8,815	2.07	105.0	0.00	89.90	-	-	0.00	0.00	-	0.00
78	7,483	7,483	4.37	105.0	0.00	88.48	-	-	0.00	0.00	-	0.00
79	9,059	9,059	1.69	105.0	0.00	90.14	-	-	0.00	0.00	-	0.00
80	10,735	10,735	-0.67	105.0	0.00	91.62	-	-	0.00	0.00	-	0.00
81	10,729	10,729	-0.66	105.0	0.00	91.61	-	-	0.00	0.00	-	0.00
82	11,013	11,013	-1.02	105.0	0.00	91.84	-	-	0.00	0.00	-	0.00
83	12,226	12,226	-2.45	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
84	12,507	12,507	-2.76	105.0	0.00	92.94	-	-	0.00	0.00	-	0.00
85	12,833	12,833	-3.11	105.0	0.00	93.17	-	-	0.00	0.00	-	0.00
86	13,220	13,220	-3.52	105.0	0.00	93.42	-	-	0.00	0.00	-	0.00
87	10,524	10,524	-0.40	105.0	0.00	91.44	-	-	0.00	0.00	-	0.00
88	10,768	10,768	-0.71	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
89	11,340	11,341	-1.43	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
90	11,621	11,622	<b>-1.76</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00
91	11,776	11,777	<b>-1.94</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
92	12,096	12,096	<b>-2.31</b>	105.0	0.00	92.65	-	-	0.00	0.00	-	0.00
93	12,295	12,295	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00
94	10,093	10,093	<b>0.18</b>	105.0	0.00	91.08	-	-	0.00	0.00	-	0.00
95	10,335	10,335	<b>-0.15</b>	105.0	0.00	91.29	-	-	0.00	0.00	-	0.00
96	10,995	10,995	<b>-1.00</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
97	12,466	12,466	<b>-2.72</b>	105.0	0.00	92.91	-	-	0.00	0.00	-	0.00
98	12,437	12,437	<b>-2.69</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00
99	12,771	12,771	<b>-3.05</b>	105.0	0.00	93.12	-	-	0.00	0.00	-	0.00
100	13,024	13,025	<b>-3.31</b>	105.0	0.00	93.30	-	-	0.00	0.00	-	0.00

Sum 22.52

- Data undefined due to calculation with octave data

## Noise sensitive area: H496 H496

WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
1	11,062	11,062	<b>-1.08</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
2	11,561	11,561	<b>-1.69</b>	105.0	0.00	92.26	-	-	0.00	0.00	-	0.00
3	11,335	11,335	<b>-1.42</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00
4	9,672	9,672	<b>0.77</b>	105.0	0.00	90.71	-	-	0.00	0.00	-	0.00
5	9,748	9,749	<b>0.66</b>	105.0	0.00	90.78	-	-	0.00	0.00	-	0.00
6	10,660	10,660	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
7	10,894	10,894	<b>-0.87</b>	105.0	0.00	91.74	-	-	0.00	0.00	-	0.00
8	11,367	11,367	<b>-1.46</b>	105.0	0.00	92.11	-	-	0.00	0.00	-	0.00
9	10,418	10,418	<b>-0.26</b>	105.0	0.00	91.36	-	-	0.00	0.00	-	0.00
10	10,690	10,690	<b>-0.61</b>	105.0	0.00	91.58	-	-	0.00	0.00	-	0.00
11	12,001	12,001	<b>-2.20</b>	105.0	0.00	92.58	-	-	0.00	0.00	-	0.00
12	10,935	10,935	<b>-0.92</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00
13	11,591	11,591	<b>-1.72</b>	105.0	0.00	92.28	-	-	0.00	0.00	-	0.00
14	12,477	12,477	<b>-2.73</b>	105.0	0.00	92.92	-	-	0.00	0.00	-	0.00
15	11,903	11,903	<b>-2.09</b>	105.0	0.00	92.51	-	-	0.00	0.00	-	0.00
16	10,244	10,244	<b>-0.02</b>	105.0	0.00	91.21	-	-	0.00	0.00	-	0.00
17	11,296	11,296	<b>-1.37</b>	105.0	0.00	92.06	-	-	0.00	0.00	-	0.00
18	11,780	11,780	<b>-1.95</b>	105.0	0.00	92.42	-	-	0.00	0.00	-	0.00
19	10,660	10,660	<b>-0.57</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00
20	11,953	11,953	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
21	12,238	12,238	<b>-2.47</b>	105.0	0.00	92.75	-	-	0.00	0.00	-	0.00
22	8,084	8,084	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
23	7,277	7,278	<b>4.76</b>	105.0	0.00	88.24	-	-	0.00	0.00	-	0.00
24	9,195	9,195	<b>1.48</b>	105.0	0.00	90.27	-	-	0.00	0.00	-	0.00
25	9,155	9,155	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
26	9,760	9,760	<b>0.65</b>	105.0	0.00	90.79	-	-	0.00	0.00	-	0.00
27	10,169	10,169	<b>0.08</b>	105.0	0.00	91.15	-	-	0.00	0.00	-	0.00
28	9,965	9,965	<b>0.36</b>	105.0	0.00	90.97	-	-	0.00	0.00	-	0.00
29	10,984	10,984	<b>-0.99</b>	105.0	0.00	91.82	-	-	0.00	0.00	-	0.00
30	11,321	11,321	<b>-1.40</b>	105.0	0.00	92.08	-	-	0.00	0.00	-	0.00
31	11,742	11,742	<b>-1.90</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
32	10,771	10,771	<b>-0.72</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
33	12,640	12,640	<b>-2.91</b>	105.0	0.00	93.04	-	-	0.00	0.00	-	0.00
34	12,968	12,968	<b>-3.25</b>	105.0	0.00	93.26	-	-	0.00	0.00	-	0.00
35	6,650	6,650	<b>6.03</b>	105.0	0.00	87.46	-	-	0.00	0.00	-	0.00
36	6,991	6,991	<b>5.32</b>	105.0	0.00	87.89	-	-	0.00	0.00	-	0.00
37	6,143	6,143	<b>7.14</b>	105.0	0.00	86.77	-	-	0.00	0.00	-	0.00
38	6,429	6,429	<b>6.50</b>	105.0	0.00	87.16	-	-	0.00	0.00	-	0.00
39	7,231	7,231	<b>4.85</b>	105.0	0.00	88.18	-	-	0.00	0.00	-	0.00
40	8,197	8,197	<b>3.09</b>	105.0	0.00	89.27	-	-	0.00	0.00	-	0.00

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## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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WTG		95% rated power										
No.	Distance [m]	Sound distance [m]	Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
41	8,139	8,139	<b>3.18</b>	105.0	0.00	89.21	-	-	0.00	0.00	-	0.00
42	9,358	9,358	<b>1.23</b>	105.0	0.00	90.42	-	-	0.00	0.00	-	0.00
43	9,854	9,854	<b>0.51</b>	105.0	0.00	90.87	-	-	0.00	0.00	-	0.00
44	8,617	8,617	<b>2.39</b>	105.0	0.00	89.71	-	-	0.00	0.00	-	0.00
45	8,849	8,849	<b>2.01</b>	105.0	0.00	89.94	-	-	0.00	0.00	-	0.00
46	8,320	8,320	<b>2.88</b>	105.0	0.00	89.40	-	-	0.00	0.00	-	0.00
47	10,308	10,308	<b>-0.11</b>	105.0	0.00	91.26	-	-	0.00	0.00	-	0.00
48	10,765	10,765	<b>-0.71</b>	105.0	0.00	91.64	-	-	0.00	0.00	-	0.00
49	11,174	11,174	<b>-1.22</b>	105.0	0.00	91.96	-	-	0.00	0.00	-	0.00
50	10,539	10,539	<b>-0.42</b>	105.0	0.00	91.46	-	-	0.00	0.00	-	0.00
51	10,904	10,904	<b>-0.89</b>	105.0	0.00	91.75	-	-	0.00	0.00	-	0.00
52	11,281	11,281	<b>-1.35</b>	105.0	0.00	92.05	-	-	0.00	0.00	-	0.00
53	11,979	11,979	<b>-2.18</b>	105.0	0.00	92.57	-	-	0.00	0.00	-	0.00
54	13,251	13,251	<b>-3.55</b>	105.0	0.00	93.44	-	-	0.00	0.00	-	0.00
55	5,299	5,300	<b>9.21</b>	105.0	0.00	85.48	-	-	0.00	0.00	-	0.00
56	5,484	5,484	<b>8.73</b>	105.0	0.00	85.78	-	-	0.00	0.00	-	0.00
57	5,952	5,952	<b>7.58</b>	105.0	0.00	86.49	-	-	0.00	0.00	-	0.00
58	6,381	6,381	<b>6.61</b>	105.0	0.00	87.10	-	-	0.00	0.00	-	0.00
59	7,874	7,875	<b>3.65</b>	105.0	0.00	88.92	-	-	0.00	0.00	-	0.00
60	8,220	8,221	<b>3.04</b>	105.0	0.00	89.30	-	-	0.00	0.00	-	0.00
61	9,024	9,024	<b>1.74</b>	105.0	0.00	90.11	-	-	0.00	0.00	-	0.00
62	8,390	8,390	<b>2.76</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
63	8,759	8,759	<b>2.16</b>	105.0	0.00	89.85	-	-	0.00	0.00	-	0.00
64	9,603	9,603	<b>0.87</b>	105.0	0.00	90.65	-	-	0.00	0.00	-	0.00
65	9,995	9,995	<b>0.32</b>	105.0	0.00	91.00	-	-	0.00	0.00	-	0.00
66	5,079	5,079	<b>9.80</b>	105.0	0.00	85.12	-	-	0.00	0.00	-	0.00
67	6,769	6,769	<b>5.78</b>	105.0	0.00	87.61	-	-	0.00	0.00	-	0.00
68	6,531	6,531	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
69	7,196	7,196	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00
70	7,558	7,559	<b>4.22</b>	105.0	0.00	88.57	-	-	0.00	0.00	-	0.00
71	8,081	8,081	<b>3.29</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
72	8,396	8,396	<b>2.75</b>	105.0	0.00	89.48	-	-	0.00	0.00	-	0.00
73	7,251	7,251	<b>4.81</b>	105.0	0.00	88.21	-	-	0.00	0.00	-	0.00
74	5,974	5,974	<b>7.53</b>	105.0	0.00	86.53	-	-	0.00	0.00	-	0.00
75	6,530	6,530	<b>6.28</b>	105.0	0.00	87.30	-	-	0.00	0.00	-	0.00
76	6,926	6,927	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00
77	8,919	8,919	<b>1.90</b>	105.0	0.00	90.01	-	-	0.00	0.00	-	0.00
78	7,580	7,580	<b>4.18</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00
79	9,154	9,154	<b>1.54</b>	105.0	0.00	90.23	-	-	0.00	0.00	-	0.00
80	10,835	10,835	<b>-0.80</b>	105.0	0.00	91.70	-	-	0.00	0.00	-	0.00
81	10,824	10,824	<b>-0.78</b>	105.0	0.00	91.69	-	-	0.00	0.00	-	0.00
82	11,109	11,109	<b>-1.14</b>	105.0	0.00	91.91	-	-	0.00	0.00	-	0.00
83	12,325	12,325	<b>-2.56</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
84	12,602	12,603	<b>-2.87</b>	105.0	0.00	93.01	-	-	0.00	0.00	-	0.00
85	12,929	12,929	<b>-3.21</b>	105.0	0.00	93.23	-	-	0.00	0.00	-	0.00
86	13,316	13,316	<b>-3.61</b>	105.0	0.00	93.49	-	-	0.00	0.00	-	0.00
87	10,606	10,606	<b>-0.50</b>	105.0	0.00	91.51	-	-	0.00	0.00	-	0.00
88	10,859	10,859	<b>-0.83</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00
89	11,429	11,429	<b>-1.53</b>	105.0	0.00	92.16	-	-	0.00	0.00	-	0.00
90	11,712	11,712	<b>-1.87</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00
91	11,863	11,863	<b>-2.04</b>	105.0	0.00	92.48	-	-	0.00	0.00	-	0.00
92	12,184	12,184	<b>-2.41</b>	105.0	0.00	92.72	-	-	0.00	0.00	-	0.00
93	12,388	12,388	<b>-2.63</b>	105.0	0.00	92.86	-	-	0.00	0.00	-	0.00
94	10,164	10,164	<b>0.08</b>	105.0	0.00	91.14	-	-	0.00	0.00	-	0.00
95	10,410	10,410	<b>-0.25</b>	105.0	0.00	91.35	-	-	0.00	0.00	-	0.00
96	11,067	11,067	<b>-1.09</b>	105.0	0.00	91.88	-	-	0.00	0.00	-	0.00
97	12,544	12,545	<b>-2.80</b>	105.0	0.00	92.97	-	-	0.00	0.00	-	0.00
98	12,519	12,519	<b>-2.78</b>	105.0	0.00	92.95	-	-	0.00	0.00	-	0.00
99	12,855	12,855	<b>-3.14</b>	105.0	0.00	93.18	-	-	0.00	0.00	-	0.00
100	13,104	13,104	<b>-3.40</b>	105.0	0.00	93.35	-	-	0.00	0.00	-	0.00

Sum 22.32

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

Noise sensitive area: H497 H497

No.	Distance [m]	Sound distance [m]	95% rated power										
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]	
1	11,830	11,830	<b>-2.00</b>	105.0	0.00	92.46	-	-	0.00	0.00	-	0.00	
2	12,293	12,293	<b>-2.53</b>	105.0	0.00	92.79	-	-	0.00	0.00	-	0.00	
3	12,029	12,029	<b>-2.23</b>	105.0	0.00	92.60	-	-	0.00	0.00	-	0.00	
4	10,444	10,444	<b>-0.29</b>	105.0	0.00	91.38	-	-	0.00	0.00	-	0.00	
5	10,473	10,473	<b>-0.33</b>	105.0	0.00	91.40	-	-	0.00	0.00	-	0.00	
6	11,313	11,313	<b>-1.39</b>	105.0	0.00	92.07	-	-	0.00	0.00	-	0.00	
7	11,500	11,500	<b>-1.62</b>	105.0	0.00	92.21	-	-	0.00	0.00	-	0.00	
8	11,917	11,917	<b>-2.10</b>	105.0	0.00	92.52	-	-	0.00	0.00	-	0.00	
9	10,977	10,977	<b>-0.98</b>	105.0	0.00	91.81	-	-	0.00	0.00	-	0.00	
10	11,224	11,224	<b>-1.28</b>	105.0	0.00	92.00	-	-	0.00	0.00	-	0.00	
11	12,411	12,411	<b>-2.66</b>	105.0	0.00	92.88	-	-	0.00	0.00	-	0.00	
12	11,332	11,332	<b>-1.41</b>	105.0	0.00	92.09	-	-	0.00	0.00	-	0.00	
13	11,951	11,951	<b>-2.14</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00	
14	12,810	12,810	<b>-3.09</b>	105.0	0.00	93.15	-	-	0.00	0.00	-	0.00	
15	12,151	12,151	<b>-2.37</b>	105.0	0.00	92.69	-	-	0.00	0.00	-	0.00	
16	10,617	10,617	<b>-0.52</b>	105.0	0.00	91.52	-	-	0.00	0.00	-	0.00	
17	11,544	11,544	<b>-1.67</b>	105.0	0.00	92.25	-	-	0.00	0.00	-	0.00	
18	11,958	11,958	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00	
19	10,869	10,869	<b>-0.84</b>	105.0	0.00	91.72	-	-	0.00	0.00	-	0.00	
20	12,035	12,035	<b>-2.24</b>	105.0	0.00	92.61	-	-	0.00	0.00	-	0.00	
21	12,304	12,304	<b>-2.54</b>	105.0	0.00	92.80	-	-	0.00	0.00	-	0.00	
22	8,528	8,529	<b>2.53</b>	105.0	0.00	89.62	-	-	0.00	0.00	-	0.00	
23	7,672	7,672	<b>4.01</b>	105.0	0.00	88.70	-	-	0.00	0.00	-	0.00	
24	9,392	9,392	<b>1.18</b>	105.0	0.00	90.45	-	-	0.00	0.00	-	0.00	
25	9,263	9,263	<b>1.38</b>	105.0	0.00	90.34	-	-	0.00	0.00	-	0.00	
26	9,877	9,877	<b>0.48</b>	105.0	0.00	90.89	-	-	0.00	0.00	-	0.00	
27	10,195	10,195	<b>0.04</b>	105.0	0.00	91.17	-	-	0.00	0.00	-	0.00	
28	9,921	9,921	<b>0.42</b>	105.0	0.00	90.93	-	-	0.00	0.00	-	0.00	
29	10,954	10,954	<b>-0.95</b>	105.0	0.00	91.79	-	-	0.00	0.00	-	0.00	
30	11,244	11,244	<b>-1.31</b>	105.0	0.00	92.02	-	-	0.00	0.00	-	0.00	
31	11,626	11,626	<b>-1.77</b>	105.0	0.00	92.31	-	-	0.00	0.00	-	0.00	
32	10,666	10,666	<b>-0.58</b>	105.0	0.00	91.56	-	-	0.00	0.00	-	0.00	
33	12,430	12,430	<b>-2.68</b>	105.0	0.00	92.89	-	-	0.00	0.00	-	0.00	
34	12,697	12,697	<b>-2.97</b>	105.0	0.00	93.07	-	-	0.00	0.00	-	0.00	
35	6,929	6,929	<b>5.45</b>	105.0	0.00	87.81	-	-	0.00	0.00	-	0.00	
36	7,194	7,194	<b>4.92</b>	105.0	0.00	88.14	-	-	0.00	0.00	-	0.00	
37	6,337	6,338	<b>6.70</b>	105.0	0.00	87.04	-	-	0.00	0.00	-	0.00	
38	6,561	6,561	<b>6.22</b>	105.0	0.00	87.34	-	-	0.00	0.00	-	0.00	
39	7,317	7,317	<b>4.68</b>	105.0	0.00	88.29	-	-	0.00	0.00	-	0.00	
40	8,263	8,263	<b>2.97</b>	105.0	0.00	89.34	-	-	0.00	0.00	-	0.00	
41	8,072	8,072	<b>3.30</b>	105.0	0.00	89.14	-	-	0.00	0.00	-	0.00	
42	9,296	9,296	<b>1.33</b>	105.0	0.00	90.37	-	-	0.00	0.00	-	0.00	
43	9,728	9,728	<b>0.69</b>	105.0	0.00	90.76	-	-	0.00	0.00	-	0.00	
44	8,553	8,553	<b>2.49</b>	105.0	0.00	89.64	-	-	0.00	0.00	-	0.00	
45	8,708	8,708	<b>2.24</b>	105.0	0.00	89.80	-	-	0.00	0.00	-	0.00	
46	8,155	8,155	<b>3.16</b>	105.0	0.00	89.23	-	-	0.00	0.00	-	0.00	
47	10,106	10,106	<b>0.16</b>	105.0	0.00	91.09	-	-	0.00	0.00	-	0.00	
48	10,535	10,535	<b>-0.41</b>	105.0	0.00	91.45	-	-	0.00	0.00	-	0.00	
49	10,937	10,937	<b>-0.93</b>	105.0	0.00	91.78	-	-	0.00	0.00	-	0.00	
50	10,215	10,215	<b>0.02</b>	105.0	0.00	91.18	-	-	0.00	0.00	-	0.00	
51	10,585	10,586	<b>-0.48</b>	105.0	0.00	91.49	-	-	0.00	0.00	-	0.00	
52	10,961	10,961	<b>-0.96</b>	105.0	0.00	91.80	-	-	0.00	0.00	-	0.00	
53	11,709	11,709	<b>-1.86</b>	105.0	0.00	92.37	-	-	0.00	0.00	-	0.00	
54	12,916	12,916	<b>-3.20</b>	105.0	0.00	93.22	-	-	0.00	0.00	-	0.00	
55	5,326	5,327	<b>9.14</b>	105.0	0.00	85.53	-	-	0.00	0.00	-	0.00	
56	5,412	5,412	<b>8.91</b>	105.0	0.00	85.67	-	-	0.00	0.00	-	0.00	
57	5,862	5,862	<b>7.80</b>	105.0	0.00	86.36	-	-	0.00	0.00	-	0.00	
58	6,222	6,222	<b>6.96</b>	105.0	0.00	86.88	-	-	0.00	0.00	-	0.00	
59	7,575	7,575	<b>4.19</b>	105.0	0.00	88.59	-	-	0.00	0.00	-	0.00	

To be continued on next page...

## DECIBEL - Detailed results

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

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No.	Distance [m]	Sound distance [m]	95% rated power									
			WTG Calculated [dB(A)]	LwA,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]	Cmet [dB]
60	7,904	7,905	<b>3.60</b>	105.0	0.00	88.96	-	-	0.00	0.00	-	0.00
61	8,716	8,716	<b>2.23</b>	105.0	0.00	89.81	-	-	0.00	0.00	-	0.00
62	8,003	8,003	<b>3.42</b>	105.0	0.00	89.07	-	-	0.00	0.00	-	0.00
63	8,356	8,357	<b>2.81</b>	105.0	0.00	89.44	-	-	0.00	0.00	-	0.00
64	9,230	9,230	<b>1.43</b>	105.0	0.00	90.30	-	-	0.00	0.00	-	0.00
65	9,642	9,642	<b>0.82</b>	105.0	0.00	90.68	-	-	0.00	0.00	-	0.00
66	4,865	4,865	<b>10.40</b>	105.0	0.00	84.74	-	-	0.00	0.00	-	0.00
67	6,241	6,241	<b>6.92</b>	105.0	0.00	86.91	-	-	0.00	0.00	-	0.00
68	5,967	5,967	<b>7.55</b>	105.0	0.00	86.52	-	-	0.00	0.00	-	0.00
69	6,646	6,646	<b>6.03</b>	105.0	0.00	87.45	-	-	0.00	0.00	-	0.00
70	7,013	7,013	<b>5.28</b>	105.0	0.00	87.92	-	-	0.00	0.00	-	0.00
71	7,514	7,515	<b>4.31</b>	105.0	0.00	88.52	-	-	0.00	0.00	-	0.00
72	7,762	7,762	<b>3.85</b>	105.0	0.00	88.80	-	-	0.00	0.00	-	0.00
73	6,603	6,603	<b>6.12</b>	105.0	0.00	87.40	-	-	0.00	0.00	-	0.00
74	5,174	5,174	<b>9.54</b>	105.0	0.00	85.28	-	-	0.00	0.00	-	0.00
75	5,683	5,683	<b>8.23</b>	105.0	0.00	86.09	-	-	0.00	0.00	-	0.00
76	6,071	6,071	<b>7.31</b>	105.0	0.00	86.66	-	-	0.00	0.00	-	0.00
77	8,084	8,084	<b>3.28</b>	105.0	0.00	89.15	-	-	0.00	0.00	-	0.00
78	6,640	6,640	<b>6.05</b>	105.0	0.00	87.44	-	-	0.00	0.00	-	0.00
79	8,171	8,171	<b>3.13</b>	105.0	0.00	89.25	-	-	0.00	0.00	-	0.00
80	9,926	9,926	<b>0.41</b>	105.0	0.00	90.94	-	-	0.00	0.00	-	0.00
81	9,843	9,843	<b>0.53</b>	105.0	0.00	90.86	-	-	0.00	0.00	-	0.00
82	10,143	10,143	<b>0.11</b>	105.0	0.00	91.12	-	-	0.00	0.00	-	0.00
83	11,398	11,398	<b>-1.49</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
84	11,619	11,619	<b>-1.76</b>	105.0	0.00	92.30	-	-	0.00	0.00	-	0.00
85	11,952	11,953	<b>-2.15</b>	105.0	0.00	92.55	-	-	0.00	0.00	-	0.00
86	12,338	12,338	<b>-2.58</b>	105.0	0.00	92.82	-	-	0.00	0.00	-	0.00
87	9,487	9,487	<b>1.04</b>	105.0	0.00	90.54	-	-	0.00	0.00	-	0.00
88	9,825	9,826	<b>0.55</b>	105.0	0.00	90.85	-	-	0.00	0.00	-	0.00
89	10,366	10,366	<b>-0.19</b>	105.0	0.00	91.31	-	-	0.00	0.00	-	0.00
90	10,673	10,673	<b>-0.59</b>	105.0	0.00	91.57	-	-	0.00	0.00	-	0.00
91	10,780	10,780	<b>-0.73</b>	105.0	0.00	91.65	-	-	0.00	0.00	-	0.00
92	11,112	11,112	<b>-1.15</b>	105.0	0.00	91.92	-	-	0.00	0.00	-	0.00
93	11,376	11,376	<b>-1.47</b>	105.0	0.00	92.12	-	-	0.00	0.00	-	0.00
94	8,977	8,978	<b>1.81</b>	105.0	0.00	90.06	-	-	0.00	0.00	-	0.00
95	9,238	9,238	<b>1.41</b>	105.0	0.00	90.31	-	-	0.00	0.00	-	0.00
96	9,884	9,885	<b>0.47</b>	105.0	0.00	90.90	-	-	0.00	0.00	-	0.00
97	11,396	11,396	<b>-1.49</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
98	11,400	11,400	<b>-1.50</b>	105.0	0.00	92.14	-	-	0.00	0.00	-	0.00
99	11,753	11,753	<b>-1.91</b>	105.0	0.00	92.40	-	-	0.00	0.00	-	0.00
100	11,966	11,966	<b>-2.16</b>	105.0	0.00	92.56	-	-	0.00	0.00	-	0.00

Sum 22.85

- Data undefined due to calculation with octave data

Project:

20162030 Westwood Red Pine

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Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s

### Noise calculation model:

ISO 9613-2 General

### Wind speed:

95% rated power

### Ground attenuation:

General, fixed, Ground factor: 0.5

### Meteorological coefficient, CO:

0.0 dB

### Type of demand in calculation:

2: WTG plus ambient noise is compared to ambient noise plus margin (FR etc.)

### Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

### Pure tones:

Pure and Impulse tone penalty are added to WTG source noise

### Height above ground level, when no value in NSA object:

1.5 m Don't allow override of model height with height from NSA object

### Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0.0 dB(A)

### Octave data required

Air absorption

63	125	250	500	1,000	2,000	4,000	8,000
[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]	[db/km]
0.1	0.4	1.0	1.9	3.7	9.7	32.8	117.0

WTG: VESTAS V100 60Hz 2000 100.0 !O!

Noise: 95% - Mode 0 - 1/3 Octave - 05-2015

Source	Source/Date	Creator	Edited
Manufacturer	6/27/2016	USER	6/28/2016 11:09 AM

Based on Vestas Doc. No. DMS 0050-3292 V02

Status	Hub height [m]	Wind speed [m/s]	LwA,ref [dB(A)]	Pure tones	Octave data							
					63	125	250	500	1000	2000	4000	8000
From Windcat	80.0	95% rated power	105.0	No	82.5	90.5	96.0	99.2	100.2	98.1	90.4	79.4

NSA: H048-H048

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

NSA: H049-H049

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

NSA: H050-H050

### Predefined calculation standard:

Imission height(a.g.l.): Use standard value from calculation model

Ambient noise: 40.0 dB(A)

Margin or Allowed additional exposure: 20.0 dB(A)

Sound level always accepted: 60.0 dB(A)

No distance demand

Project:

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Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H051-H051

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H052-H052

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H053-H053

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H080-H080

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H081-H081

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H082-H082

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H083-H083

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H084-H084

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H085-H085

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H086-H086

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H087-H087

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H088-H088

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H090-H090

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H091-H091

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H092-H092

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H093-H093

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H094-H094

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H095-H095

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H096-H096

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H097-H097

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H112-H112

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H113-H113

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H114-H114

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H115-H115

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H116-H116

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H117-H117

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H118-H118

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H119-H119

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H147-H147

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H148-H148

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H149-H149

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H150-H150

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H151-H151

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H152-H152

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H153-H153

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H154-H154

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H155-H155

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H156-H156

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H157-H157

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H161-H161

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H163-H163

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H165-H165

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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6/30/2016 1:47 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H166-H166

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H167-H167

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H168-H168

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H169-H169

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H170-H170

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H171-H171

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H172-H172

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H173-H173

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H174-H174

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H175-H175

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H198-H198

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H199-H199

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H200-H200

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H201-H201

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H202-H202

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H203-H203

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H204-H204

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H206-H206

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H207-H207

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H208-H208

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H209-H209

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H210-H210

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H211-H211

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H212-H212

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H213-H213

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H214-H214

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H215-H215

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H217-H217

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H220-H220

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H221-H221

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H222-H222

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H224-H224

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H225-H225

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H226-H226

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H227-H227

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H228-H228

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H230-H230

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H233-H233

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H248-H248

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H249-H249

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H250-H250

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H251-H251

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H252-H252

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H253-H253

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H254-H254

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H255-H255

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H257-H257

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H258-H258

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H259-H259

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H260-H260

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H261-H261

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H262-H262

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H278-H278

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H279-H279

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H280-H280

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H281-H281

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H282-H282

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H283-H283

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H284-H284

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H285-H285

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H286-H286

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H287-H287

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H288-H288

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H289-H289

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H292-H292

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H293-H293

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H294-H294

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H295-H295

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H296-H296

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H297-H297

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H299-H299

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H300-H300

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H301-H301

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H302-H302

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H303-H303

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H305-H305

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H307-H307

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

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Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H308-H308

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H309-H309

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H310-H310

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H311-H311

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H312-H312

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H313-H313

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H314-H314

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H315-H315

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H316-H316

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H317-H317

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H318-H318

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H319-H319

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H320-H320

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H321-H321

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H322-H322

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H323-H323

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H324-H324

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H325-H325

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H326-H326

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H327-H327

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H328-H328

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H330-H330

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H331-H331

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H334-H334

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H335-H335

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H336-H336

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H337-H337

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H338-H338

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H339-H339

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H340-H340

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H341-H341

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H342-H342

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H343-H343

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H345-H345

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H346-H346

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H347-H347

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H348-H348

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H349-H349

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H350-H350

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H351-H351

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H352-H352

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H353-H353

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H354-H354

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H355-H355

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H356-H356

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H357-H357

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H358-H358

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H359-H359

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H360-H360

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H361-H361

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H362-H362

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H363-H363

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H364-H364

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H365-H365

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H366-H366

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H367-H367

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H368-H368

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H369-H369

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H370-H370

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H371-H371

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H372-H372

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H373-H373

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H374-H374

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H375-H375

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H376-H376

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H377-H377

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H378-H378

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H379-H379

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H380-H380

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H381-H381

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H382-H382

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H383-H383

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H384-H384

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H385-H385

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H386-H386

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H387-H387

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H388-H388

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

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6/30/2016 1:47 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H389-H389

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H390-H390

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H391-H391

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H392-H392

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H393-H393

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H394-H394

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H395-H395

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H396-H396

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H397-H397

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H398-H398

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H399-H399

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H400-H400

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H401-H401

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H402-H402

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H403-H403

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H404-H404

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H405-H405

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H406-H406

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H407-H407

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H408-H408

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H409-H409

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H410-H410

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H411-H411

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H412-H412

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H413-H413

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H414-H414

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H415-H415

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H416-H416

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H417-H417

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H418-H418

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H419-H419

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H420-H420

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H421-H421

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H422-H422

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H423-H423

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H424-H424

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H425-H425

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H426-H426

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H427-H427

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H428-H428

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H429-H429

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H430-H430

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H431-H431

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H432-H432

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H433-H433

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H434-H434

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H435-H435

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H436-H436

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H437-H437

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H438-H438

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H439-H439

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H440-H440

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H441-H441

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H442-H442

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H443-H443

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H444-H444

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H445-H445

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H446-H446

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H447-H447

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H448-H448

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H449-H449

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H450-H450

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H451-H451

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H452-H452

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H453-H453

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H454-H454

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H455-H455

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H456-H456

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H457-H457

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H458-H458

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

Project:

20162030 Westwood Red Pine

Licensed user:

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Jay Haley / jhaley@eapc.net  
Calculated:  
6/30/2016 1:47 PM/3.0.654

## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H459-H459

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H460-H460

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H461-H461

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H462-H462

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H463-H463

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H464-H464

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H465-H465

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H466-H466

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H467-H467

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H468-H468

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H469-H469

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H470-H470

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H471-H471

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H472-H472

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H473-H473

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H474-H474

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H475-H475

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H476-H476

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H477-H477

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H478-H478

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H479-H479

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H480-H480

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H481-H481

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H482-H482

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H483-H483

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H484-H484

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H485-H485

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H486-H486

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**



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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H487-H487

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H488-H488

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H489-H489

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H490-H490

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H491-H491

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H492-H492

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H493-H493

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

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## DECIBEL - Assumptions for noise calculation

**Calculation:** V100 Day v26 **Noise calculation model:** ISO 9613-2 General 8.0 m/s

**NSA:** H494-H494

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H495-H495

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H496-H496

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

**NSA:** H497-H497

**Predefined calculation standard:**

**Imission height(a.g.l.):** Use standard value from calculation model

**Ambient noise:** 40.0 dB(A)

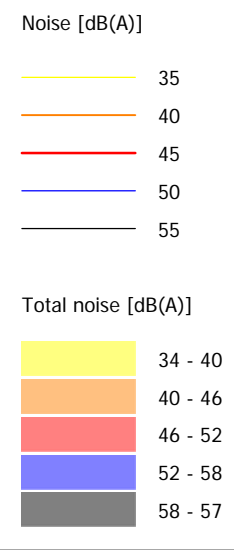
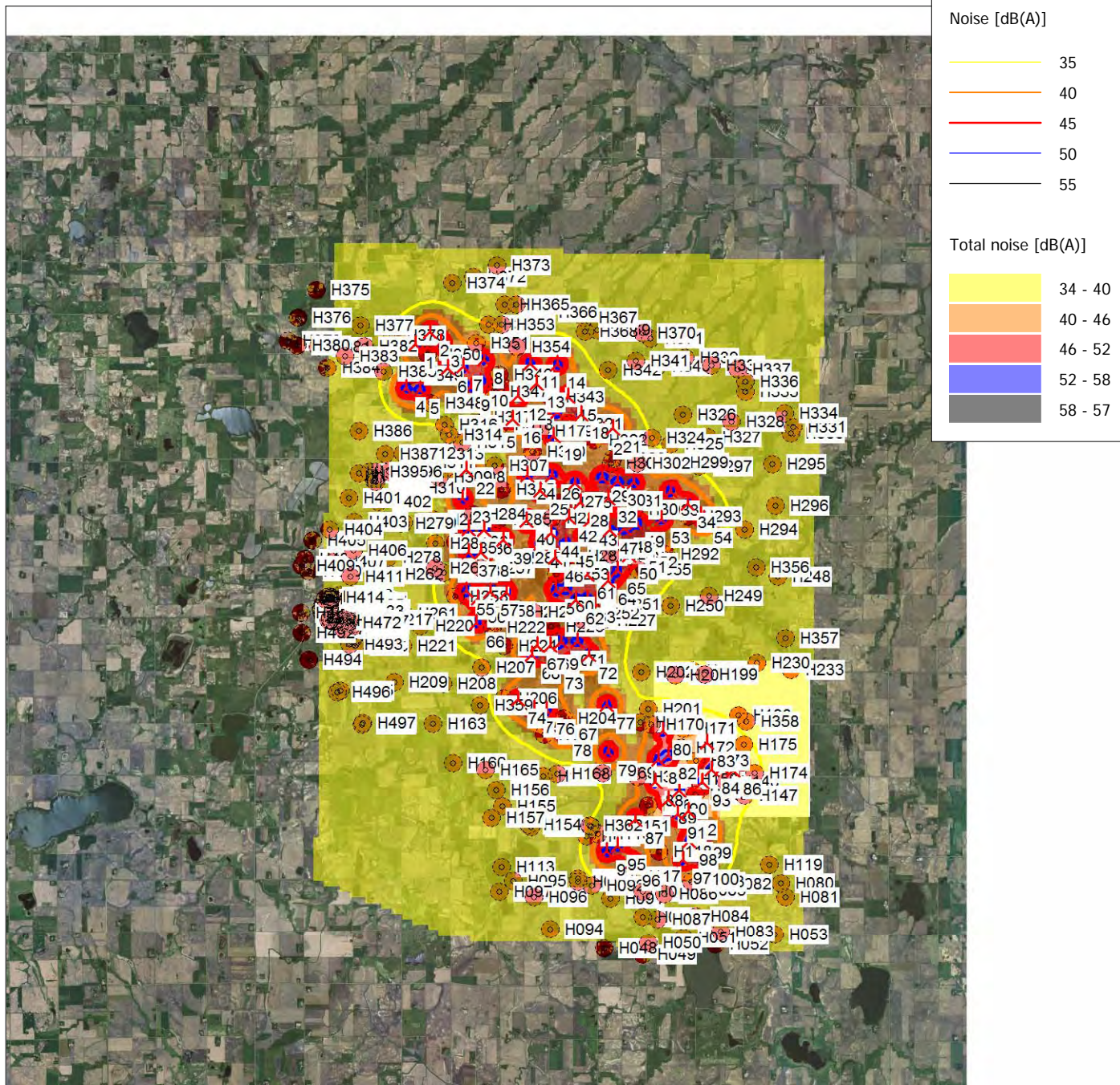
**Margin or Allowed additional exposure:** 20.0 dB(A)

**Sound level always accepted:** 60.0 dB(A)

**No distance demand**

### DECIBEL - Map 95% rated power

Calculation: V100 Day v26Noise calculation model: ISO 9613-2 General 8.0 m/s



0 2.5 5 7.5 10km

Map: US Naval Research Laboratory , Print scale 1:200,000, Map center UTM (north)-NAD83 (US+CA) Zone: 14 East: 725,875 North: 4,927,262  
 New WTG Noise sensitive area  
 Noise calculation model: ISO 9613-2 General. Wind speed: 95% rated power  
 Total noise with ambient noise from: V:\EAPC WIND PROJECTS\20162030 - Westwood Red Pine\GIS\Shape Files\TestAmbient.shp  
 Height above sea level from active line object