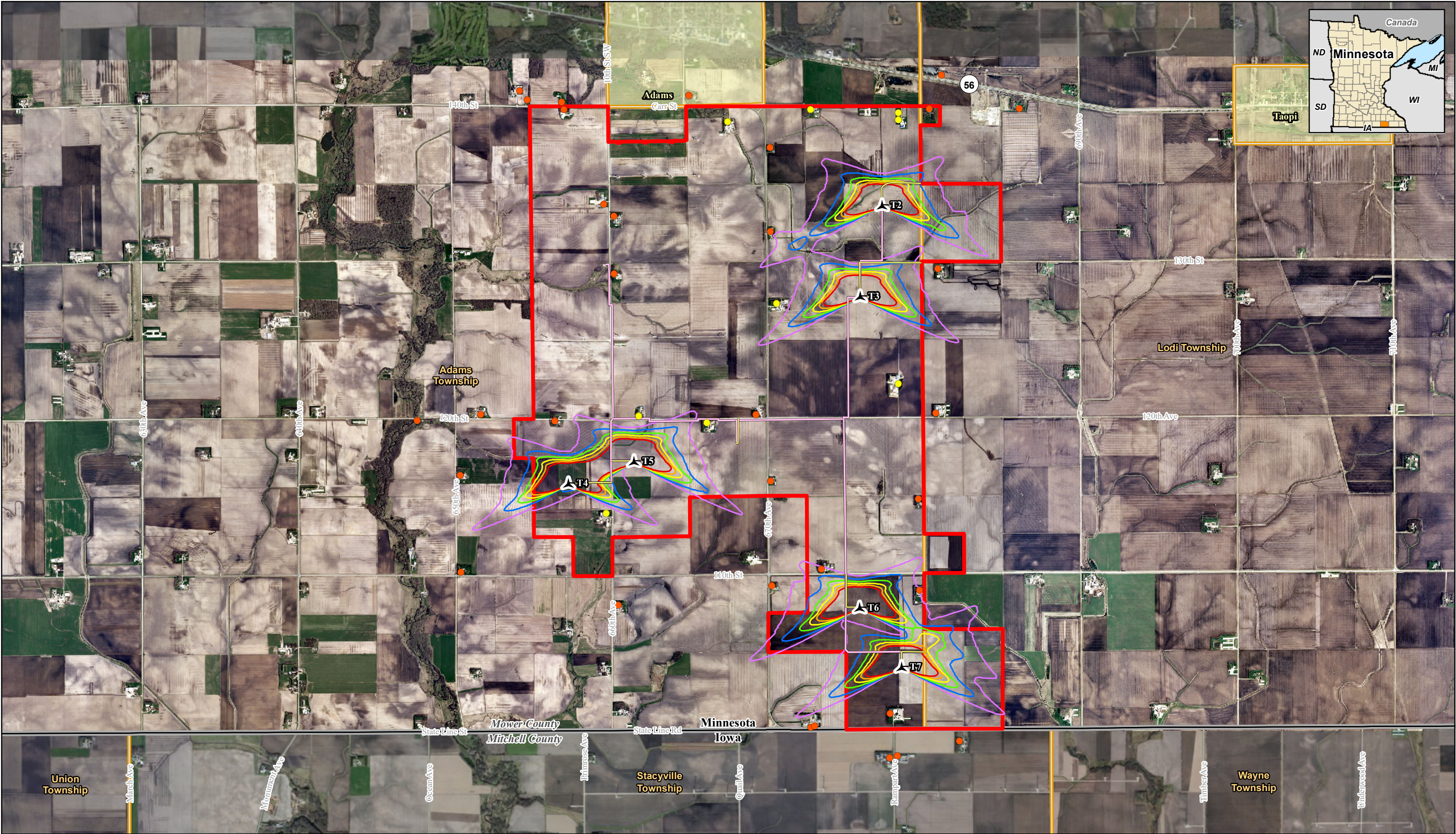






01,5003,000

Feet



Imagery Source: MnGeo High Res 2011; ESRI World Imagery

Data Source: ConEdison, Census

For Environmental Review Purposes Only

**Figure 18a**  
**Rose Creek Wind Project**  
**Rose Creek Wind, LLC**  
**Shadow Flicker - Scenario 1**  
**Mower County, Minnesota**

Participating Residence

Non-Participating Residence

Proposed Primary Turbine

Access Road

Collector Line

Project

County Boundary

Township Boundary

Municipal Boundary

Shadow Hours Per Year - Scenario 1

10

20

30

40

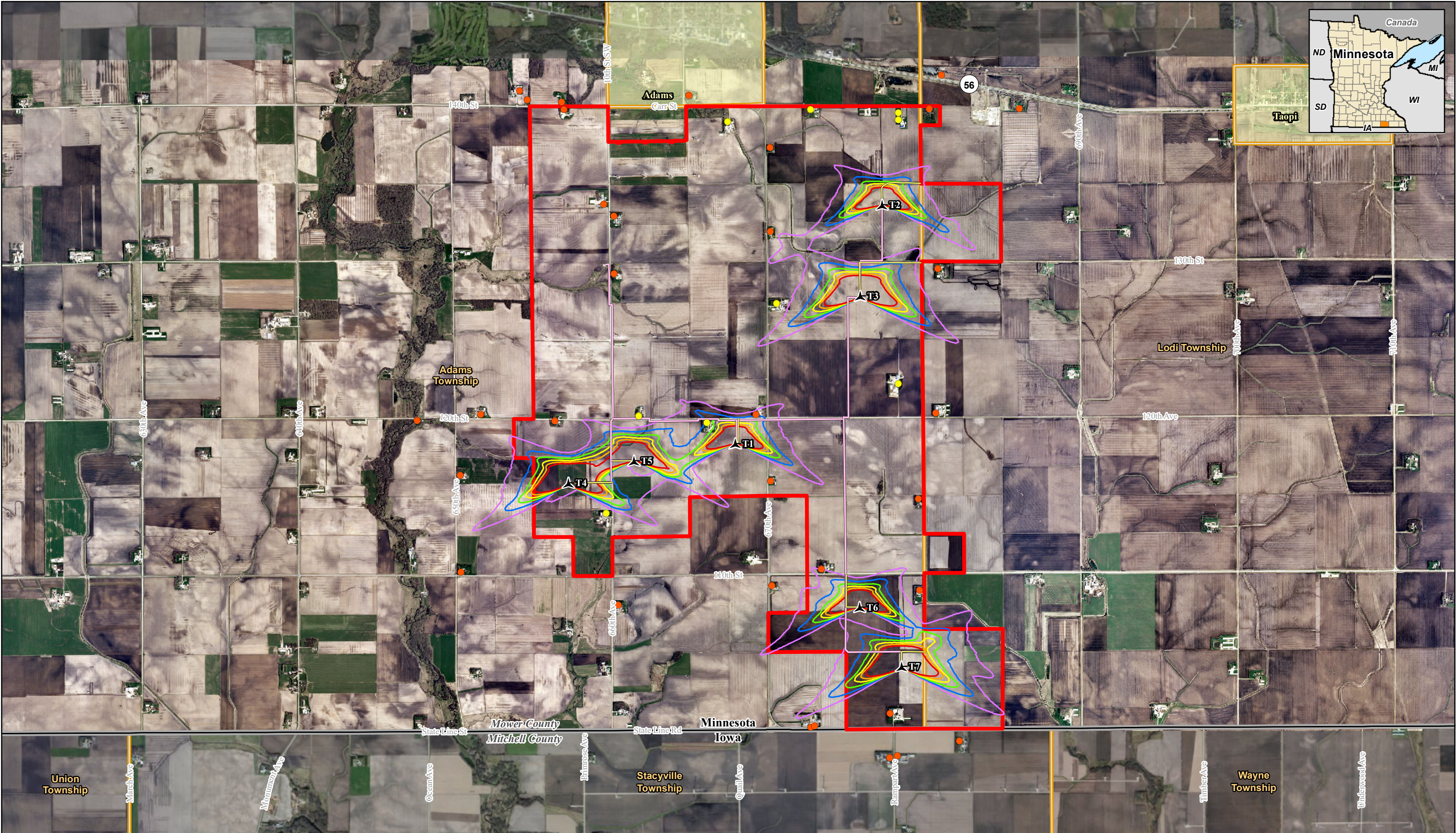
50

60

\*Turbines not to scale

Source: Z:\Client\A\_D\ConEdison\Rose\_Creek\_Wind\Permitting\State\Site\_Permit\Mapping\Fig18a\_Rose\_Creek\_Shadow\_Flicker.mxd  
Date: 11/25/2022







01,5003,000

Feet



Imagery Source: MnGeo High Res 2011; ESRI World Imagery

Data Source: ConEdison, Census

For Environmental Review Purposes Only

**Figure 18b**  
**Rose Creek Wind Project**  
**Rose Creek Wind, LLC**  
**Shadow Flicker - Scenario 2**  
**Mower County, Minnesota**

Participating Residence

Non-Participating Residence

Proposed Primary Turbine

Access Road

Collector Line

Project

County Boundary

Township Boundary

Municipal Boundary

Shadow Hours Per Year (Scenario 2)

10

20

30

40

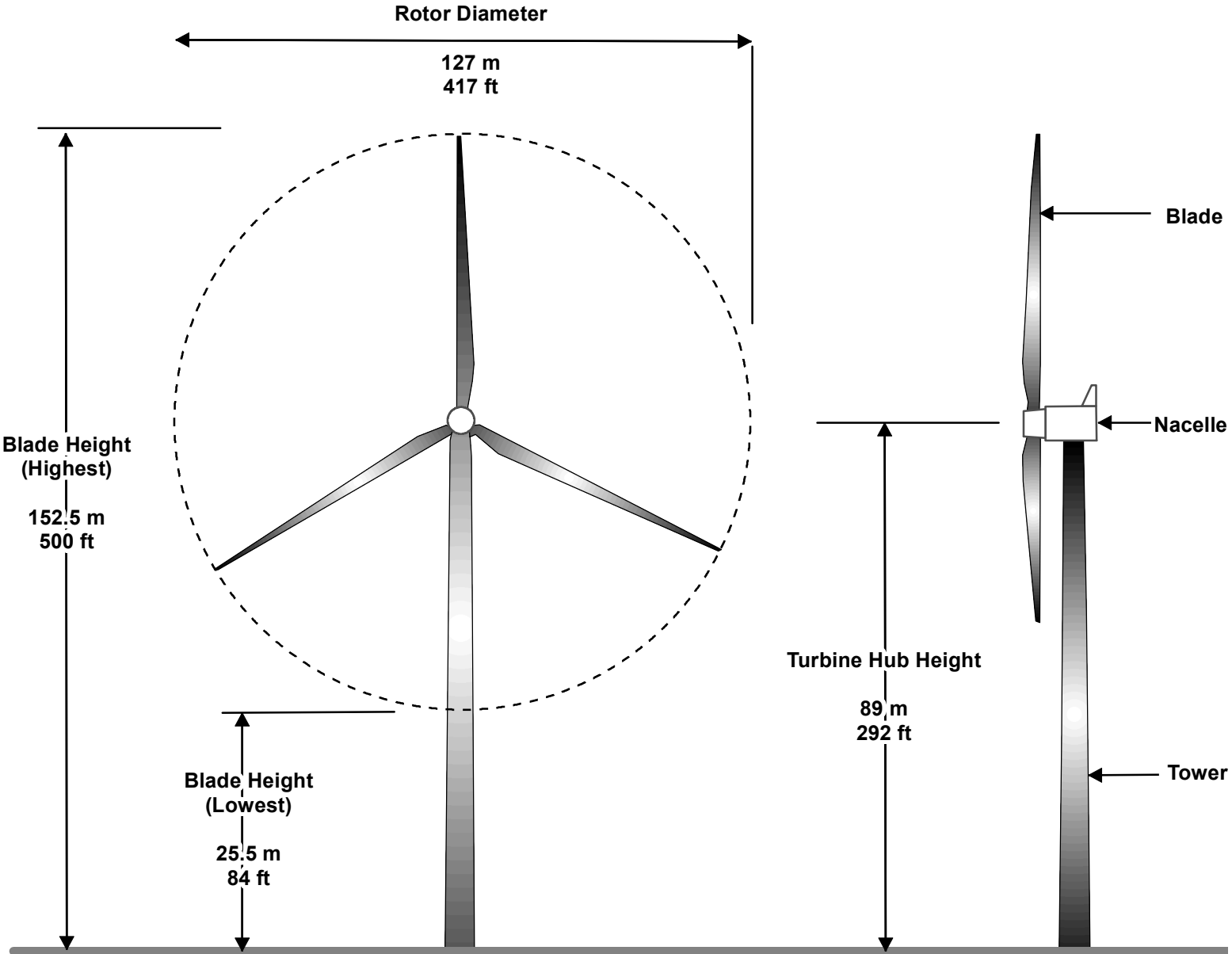
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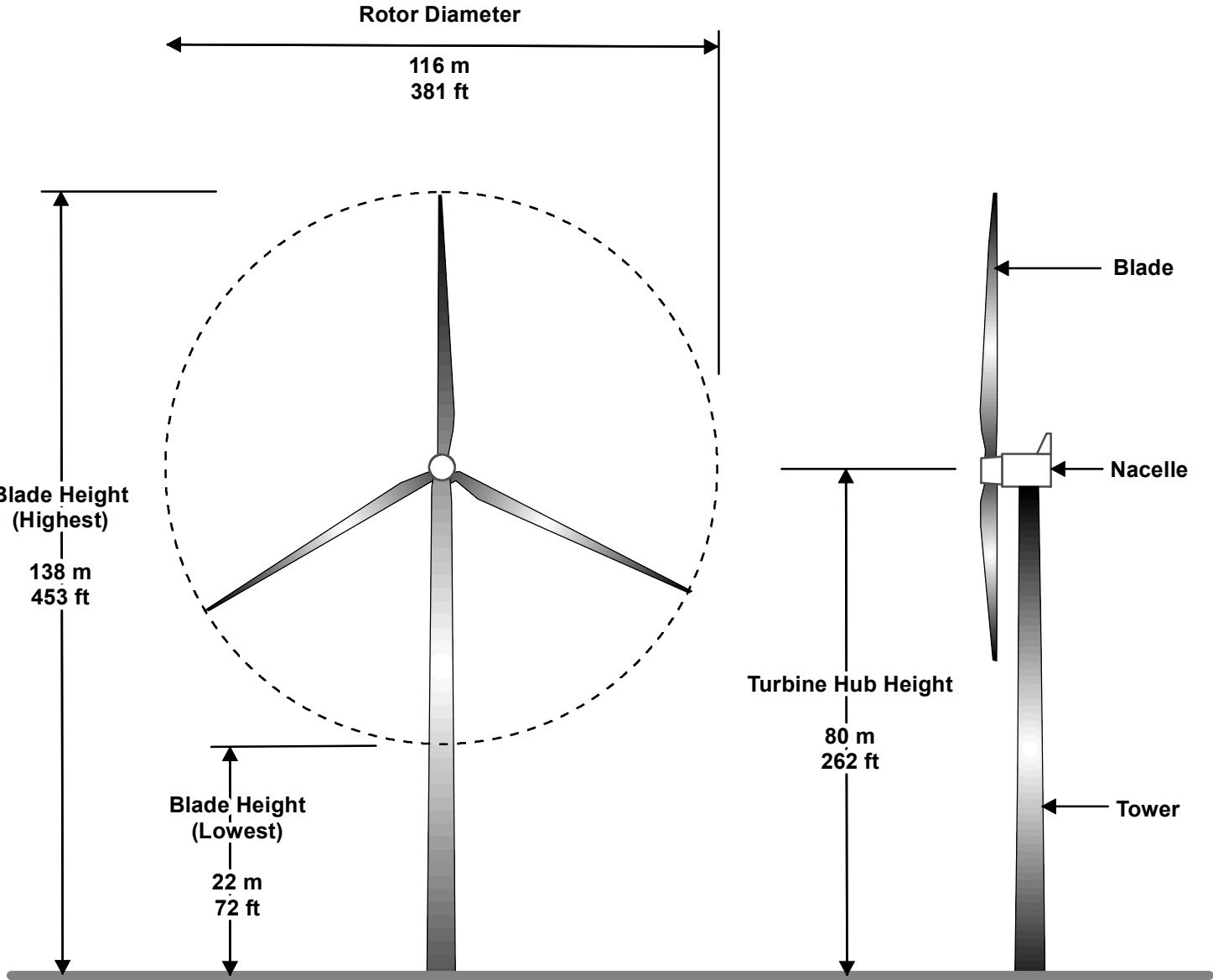
\*Turbines not to scale

Source: Z:\Client\A\_D\ConEdison\Rose\_Creek\_Wind\Permitting\State\Site\_Permit\Mapping\Fig18b\_Rose\_Creek\_Shadow\_Flicker.mxd  
Date: (11/25/2022)





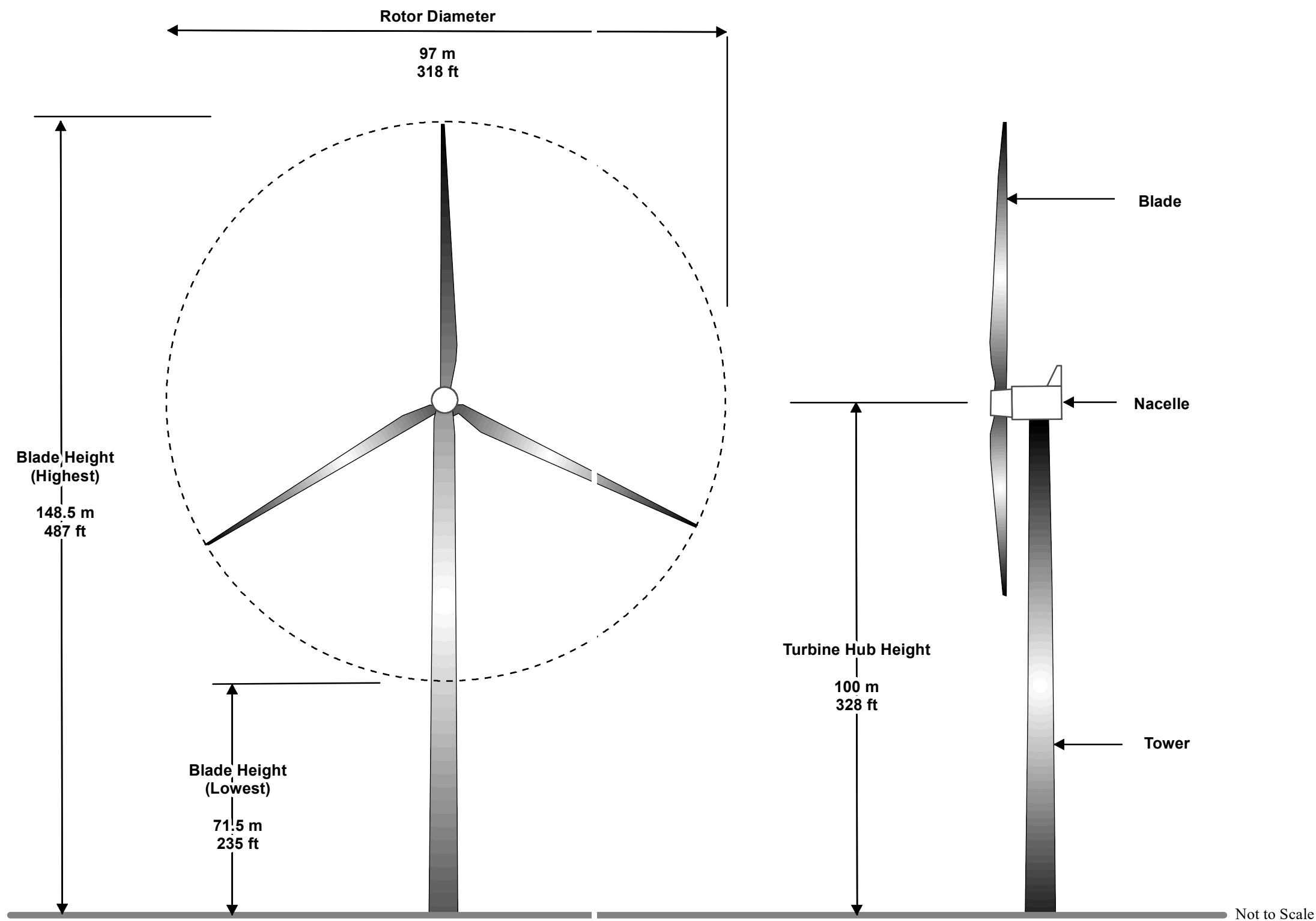
**GE 2.82 MW Turbine Design**  
Not to Scale



**GE 2.3 MW Turbine Design**  
Not to Scale

| Design Parameter | GE 2.82 MW Turbine      | GE 2.3 MW Turbine     |
|------------------|-------------------------|-----------------------|
| Hub Height       | 89 meters (292 feet)    | 80 meters (262 feet)  |
| Rotor Diameter   | 127 meters (417 feet)   | 116 meters (381 feet) |
| Total Tip Height | 152.5 meters (500 feet) | 138 meters (453 feet) |

**Figure 19a**  
**Rose Creek Wind Project**  
**Rose Creek Wind, LLC**  
Turbine Design - GE  
Mower County, Minnesota



**Gamesa 97-S 2.0 MW Turbine Design**

| Design Parameter | Gamesa 97-S 2.0 MW Turbine |
|------------------|----------------------------|
| Hub Height       | 100 meters (328 feet)      |
| Rotor Diameter   | 97 meters (318 feet)       |
| Total Tip Height | 168.5 meters (553 feet)    |

**Figure 19b**  
**Rose Creek Wind Project**  
**Rose Creek Wind, LLC**  
Turbine Design - Gamesa  
Mower County, Minnesota