

**MINNESOTA POWER  
PRODUCTION PLANT  
COMPARISON OF PRESENT AND PROPOSED REMAINING LIVES  
2019**

	Depreciable Plant Balance 12/31/18	Depreciation Reserve 12/31/18	Current Rates			Proposed Rates			Effect of Rate Changes to 2019 Accrual
			Remaining Life 1/1/2019	Salvage Value 1/1/2019	2019 Annual Accrual	Remaining Life 1/1/2019	Salvage Value 1/1/2019	2019 Annual Accrual	
<b>Steam Generation</b>									
Boswell Energy Center*									
Unit No. 1	43,835,769.30	35,076,250.25	4	(16.08)%	3,952,078	4	(16.08)%	3,952,078	-
Unit No. 2	39,585,261.22	33,300,938.08	4	(18.06)%	3,358,355	4	(18.06)%	3,358,355	-
Unit No. 3	450,999,336.27	180,466,399.83	17.0	(7.92)%	18,014,828	17.0	(7.92)%	18,014,828	-
Unit No. 4	579,944,909.72	189,556,000.79	17.0	(7.42)%	25,495,342	17.0	(7.42)%	25,495,342	-
Common	191,257,251.31	103,768,805.00	17.0	(3.95)%	5,590,771	17.0	(3.95)%	5,590,771	-
Subtotal Boswell Energy Center	1,305,622,527.82	542,168,393.95			56,411,374			56,411,374	-
Hibbard SE Station	93,352,795.06	58,349,667.26	11.0	(2.11)%	3,361,170	11.0	(2.11)%	3,361,170	-
Laskin Energy Center	74,723,513.49	52,566,168.48	12.0	(24.12)%	3,348,388	12.0	(24.12)%	3,348,388	-
Taconite Harbor Energy Center									
Structure/Unit	136,954,642.39	71,867,902.02	8.0	(7.23)%	9,373,570	8.0	(7.23)%	9,373,570	-
Ash Ponds**	5,008,425.00	5,008,425.00	-	-	-	-	-	-	-
Subtotal Taconite Harbor Energy Center	141,963,067.39	76,876,327.02			9,373,570			9,373,570	-
<b>Total Steam Generation</b>	<b>1,615,661,903.76</b>	<b>729,960,566.71</b>			<b>72,494,502</b>			<b>72,494,502</b>	<b>-</b>
<b>Wind Generation</b>									
Bison Wind									
Bison 1A	76,715,262.21	18,011,659.70	26.9	(0.95)%	2,209,383	26.9	(0.95)%	2,209,383	-
Bison 1B	73,258,168.00	12,959,374.96	28.0	(0.93)%	2,177,861	28.0	(0.93)%	2,177,861	-
Bison 2	150,269,186.54	27,234,301.86	29.0	(0.35)%	4,260,718	29.0	(0.35)%	4,260,718	-
Bison 3	149,415,160.11	25,886,666.47	29.0	(0.42)%	4,281,174	29.0	(0.42)%	4,281,174	-
Bison 4	325,263,160.83	37,732,384.95	31.0	0.03 %	9,272,039	31.0	0.03 %	9,272,039	-
Subtotal Bison Wind	774,920,937.69	121,826,387.94			22,201,175			22,201,175	-
Taconite Ridge Energy Center	48,130,516.99	7,272,535.04	24.4	(0.31)%	1,680,622	24.4	(0.31)%	1,680,622	-
<b>Total Wind Generation</b>	<b>823,051,454.68</b>	<b>129,098,922.98</b>			<b>23,881,797</b>			<b>23,881,797</b>	<b>-</b>
<b>Hydro Production Plants</b>									
Birch Lake Reservoir	3,580,350.64	148,115.39	45.0	-	76,272	45.0	-	76,272	-
Bianchard HE Station	14,002,511.13	5,615,834.38	45.0	-	186,371	45.0	-	186,371	-
Boulder Lake Reservoir	519,529.91	332,163.80	45.0	-	4,164	45.0	-	4,164	-
Fish Lake Reservoir	1,276,068.59	283,137.82	45.0	-	22,065	45.0	-	22,065	-
Fond du Lac HE Station	18,317,074.44	4,344,443.50	45.0	-	310,503	45.0	-	310,503	-
Gauging Stations	125,450.86	66,302.03	45.0	-	1,314	45.0	-	1,314	-
Island Lake Reservoir	15,609,725.43	1,644,282.39	45.0	-	310,343	45.0	-	310,343	-
Knife Falls HE Station	4,524,152.22	1,929,433.01	45.0	-	57,660	45.0	-	57,660	-
Little Falls HE Station	13,562,159.83	4,345,644.49	45.0	-	204,811	45.0	-	204,811	-
Pillager HE Station	2,295,838.42	1,276,813.50	45.0	-	22,645	45.0	-	22,645	-
Prairie River HE Station	4,664,659.58	1,115,400.72	45.0	-	78,872	45.0	-	78,872	-
Rice Lake Reservoir	219,175.83	63,568.86	45.0	-	3,458	45.0	-	3,458	-
Scanlon HE Station	3,734,989.66	1,547,750.54	45.0	-	48,603	45.0	-	48,603	-
Sylvan HE Station	2,252,288.68	1,573,301.81	45.0	-	15,089	45.0	-	15,089	-
Thomson HE Station	111,812,373.01	8,304,434.49	45.0	-	2,300,176	45.0	-	2,300,176	-
White Iron Lake Reservoir	22,247.26	8,071.29	45.0	-	315	45.0	-	315	-
Whiteface Reservoir	1,310,094.90	460,801.33	45.0	-	18,873	45.0	-	18,873	-
Winton HE Station	5,577,140.94	2,662,209.17	45.0	-	64,776	45.0	-	64,776	-
<b>Total Hydro Production Plants</b>	<b>203,405,731.33</b>	<b>35,721,708.52</b>			<b>3,726,310</b>			<b>3,726,310</b>	<b>-</b>
<b>Solar Production</b>									
Community Solar Gardens	203,276.71	12,923.96	22.9	-	8,312	22.9	-	8,312	-
<b>Total Solar</b>	<b>203,276.71</b>	<b>12,923.96</b>			<b>8,312</b>			<b>8,312</b>	<b>-</b>
<b>Total Generation</b>	<b>2,642,322,366.48</b>	<b>894,794,112.17</b>			<b>100,110,921</b>			<b>100,110,921</b>	<b>-</b>
<b>Structures and Improvements</b>									
General Office Building	16,220,987.88	5,541,780.34	18.0	-	593,289	32.0	-	333,725	(259,564)
Herbert Service Center	13,153,340.60	6,186,420.01	18.0	-	387,051	22.0	-	316,678	(70,373)
Evelth Service Center	6,888,968.45	3,361,719.78	18.0	-	195,958	22.0	-	160,329	(35,629)
Rowe Energy Control Center	6,287,685.96	2,463,393.08	18.0	-	212,461	32.0	-	119,509	(92,952)
Little Falls Service Center & DC Line Material Storage Facility	5,208,909.71	2,446,420.56	18.0	-	153,472	32.0	-	86,328	(67,144)
Cloquet Service Center	2,268,612.60	1,188,905.82	18.0	-	59,984	12.0	-	89,976	29,992
Park Rapids Service Center	1,979,306.22	978,435.68	18.0	-	55,604	3.0	-	333,624	278,020
Coleraine Service Center	1,848,563.64	977,856.32	18.0	-	48,373	7.0	-	124,387	76,014
Sandstone Service Center	1,803,538.23	932,119.79	18.0	-	48,412	22.0	-	39,610	(8,802)
Pine River Service Center	1,682,010.41	860,514.83	18.0	-	45,639	22.0	-	37,341	(8,298)
Crosby Service Center	1,400,353.09	837,223.89	18.0	-	31,285	3.0	-	187,710	156,425
International Falls Service Center	1,140,401.11	546,930.35	18.0	-	32,971	12.0	-	49,456	16,485
Miscellaneous	10,862,192.53	3,118,708.54	18.0	-	430,194	22.0	-	351,977	(78,217)
<b>Total Structures and Improvements</b>	<b>70,744,870.43</b>	<b>29,440,428.99</b>			<b>2,294,693</b>			<b>2,230,650</b>	<b>(64,043)</b>
<b>Grand Total Generation and Structures and Improvements</b>	<b>2,713,067,236.91</b>	<b>924,234,541.16</b>			<b>102,405,614</b>			<b>102,341,571</b>	<b>(64,043)</b>

\* See Appendix A-5 for an estimated amortization schedule for Boswell Energy Center Units 1&2 through 2022

\*\* The ash ponds have a 5 year life, as they are built and filled in on a 5-year cycle

**Minnesota Power: Plant In Service  
201801 - 201812**

Utility Account	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance	Without Land
<b>Boswell Common</b>							
3100 Land & Land Rights, Fee	4,295,713.93	-	-	-	119,546.17	4,415,260.10	
3110 Structure & Improvements	24,236,348.64	451,341.13	(677,136.99)	-	640,285.32	24,650,838.10	
3111 Structure & Improvements, Pollution	18,692,514.24	678,005.57	-	-	2,079.66	19,372,599.47	
3120 Boiler Plant Equipment	58,347,756.20	(105,260.10)	(4,370,051.60)	-	(533.16)	53,871,911.34	
3121 Boiler Plant Equipment, Pollution	76,646,037.21	474,811.32	(3,850,568.46)	-	-	73,270,280.07	
3140 Turbogenerator Units	1,057,687.06	-	(11,173.55)	-	-	1,046,513.51	
3141 Turbogenerator Units, Pollution	302,917.11	-	-	-	-	302,917.11	
3150 Accessory Elec Equipment	10,434,798.82	35,955.14	(49,205.12)	-	1,520,228.52	11,941,777.36	
3151 Accessory Elec Equipment, Pollution	2,288,983.73	-	-	-	-	2,288,983.73	
3160 Misc Power Pit Eq	5,006,498.72	26,873.79	(269,787.34)	-	(252,288.31)	4,511,296.86	
3161 Misc Power Pit Eq, Pollution	133.76	-	-	-	-	133.76	
	<b>201,309,389.42</b>	<b>1,561,726.85</b>	<b>(9,227,923.06)</b>	<b>-</b>	<b>2,029,318.20</b>	<b>195,672,511.41</b>	<b>191,257,251.31</b>
<b>Boswell Unit 1</b>							
3100 Land & Land Rights, Fee	59,858.35	-	-	-	(59,858.35)	-	
3110 Structure & Improvements	3,118,216.53	-	(2,597,159.96)	-	(521,056.57)	-	
3111 Structure & Improvements, Pollution	31,336.53	-	(30,296.70)	-	(1,039.83)	(0.00)	
3120 Boiler Plant Equipment	13,995,011.33	-	(13,995,544.49)	-	533.16	(0.00)	
3121 Boiler Plant Equipment, Pollution	12,550,600.52	-	(12,550,600.52)	-	-	-	
3140 Turbogenerator Units	8,329,877.36	-	(8,329,877.36)	-	-	-	
3141 Turbogenerator Units, Pollution	208,191.50	-	(208,191.50)	-	-	-	
3150 Accessory Elec Equipment	6,851,655.99	-	(5,988,501.24)	-	(863,154.75)	-	
3151 Accessory Elec Equipment, Pollution	236,766.85	-	(236,766.85)	-	-	-	
	<b>45,381,514.96</b>	<b>-</b>	<b>(43,936,938.62)</b>	<b>-</b>	<b>(1,444,576.34)</b>	<b>(0.00)</b>	<b>(0.00)</b>
<b>Boswell Unit 2</b>							
3100 Land & Land Rights, Fee	59,687.82	-	-	-	(59,687.82)	-	
3110 Structure & Improvements	2,400,795.85	-	(2,281,567.10)	-	(119,228.75)	0.00	
3111 Structure & Improvements, Pollution	1,039.83	-	-	-	(1,039.83)	-	
3120 Boiler Plant Equipment	13,687,407.04	-	(13,687,407.04)	-	-	-	
3121 Boiler Plant Equipment, Pollution	11,490,757.08	-	(11,490,757.08)	-	-	-	
3140 Turbogenerator Units	8,776,763.58	-	(8,776,763.58)	-	-	-	
3141 Turbogenerator Units, Pollution	53,247.44	-	(53,247.44)	-	-	-	
3150 Accessory Elec Equipment	3,955,758.19	-	(3,298,684.42)	-	(657,073.77)	-	
	<b>40,425,456.83</b>	<b>-</b>	<b>(39,588,426.66)</b>	<b>-</b>	<b>(837,030.17)</b>	<b>0.00</b>	<b>0.00</b>
<b>Boswell Unit 3</b>							
3100 Land & Land Rights, Fee	3,104,623.53	-	-	-	-	3,104,623.53	
3110 Structure & Improvements	21,659,413.22	(280,876.67)	(37,794.99)	-	-	21,340,741.56	
3111 Structure & Improvements, Pollution	19,558,786.06	-	-	-	-	19,558,786.06	
3120 Boiler Plant Equipment	88,950,676.87	3,116,698.95	(1,375,841.18)	-	-	90,691,534.64	
3121 Boiler Plant Equipment, Pollution	239,761,717.21	542,051.00	(526,187.54)	-	-	239,777,580.67	
3140 Turbogenerator Units	35,494,732.53	-	-	-	-	35,494,732.53	
3141 Turbogenerator Units, Pollution	5,224,114.69	-	-	-	-	5,224,114.69	
3150 Accessory Elec Equipment	35,637,408.32	(755.61)	-	-	-	35,636,652.71	
3151 Accessory Elec Equipment, Pollution	2,713,253.32	-	-	-	-	2,713,253.32	
3160 Misc Power Pit Eq	561,940.09	-	-	-	-	561,940.09	
	<b>452,666,665.84</b>	<b>3,377,117.67</b>	<b>(1,939,823.71)</b>	<b>-</b>	<b>-</b>	<b>454,103,959.80</b>	<b>450,999,336.27</b>
<b>Boswell Unit 4</b>							
3100 Land & Land Rights, Fee	2,583,971.28	-	-	-	-	2,583,971.28	
3110 Structure & Improvements	37,700,231.75	1,240,378.27	-	-	-	38,940,610.02	
3111 Structure & Improvements, Pollution	31,697,900.92	687.57	-	-	-	31,698,588.49	
3120 Boiler Plant Equipment	121,813,896.98	1,317,841.98	(1,978,720.74)	-	-	121,153,018.22	
3121 Boiler Plant Equipment, Pollution	264,073,159.59	138,379.44	(65,462.84)	-	-	264,146,076.19	
3140 Turbogenerator Units	57,217,170.62	71,462.72	-	-	-	57,288,633.34	
3141 Turbogenerator Units, Pollution	13,785,017.68	-	-	-	-	13,785,017.68	
3150 Accessory Elec Equipment	50,412,019.49	(1,246,531.32)	(10,087,407.83)	-	-	39,078,080.34	
3151 Accessory Elec Equipment, Pollution	18,627,728.46	-	(6,196,037.45)	-	-	12,431,691.01	
3160 Misc Power Pit Eq	994,089.12	-	-	-	-	994,089.12	
3161 Misc Power Pit Eq, Pollution	429,105.31	-	-	-	-	429,105.31	
	<b>599,334,291.20</b>	<b>1,522,218.66</b>	<b>(18,327,628.86)</b>	<b>-</b>	<b>-</b>	<b>582,528,881.00</b>	<b>579,944,909.72</b>
<b>Hibbard Renewable Energy Center</b>							
3100 Land & Land Rights, Fee	30,716.52	-	-	-	-	30,716.52	
3110 Structure & Improvements	5,460,726.31	-	-	-	-	5,460,726.31	
3111 Structure & Improvements, Pollution	227,445.71	-	-	-	-	227,445.71	
3120 Boiler Plant Equipment	55,843,664.09	600,136.82	(663,246.35)	-	-	55,780,554.56	

**Minnesota Power: Plant In Service**  
**201801 - 201812**

Utility Account	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance	Without Land
3121 Boiler Plant Equipment, Pollution	15,783,155.22	54,749.24	(79,585.87)	-	-	15,758,318.59	
3140 Turbogenerator Units	10,222,088.20	-	-	-	-	10,222,088.20	
3150 Accessory Elec Equipment	4,814,853.22	-	(60,948.09)	-	-	4,753,905.13	
3160 Misc Power Pit Eq	1,149,756.56	-	-	-	-	1,149,756.56	
	<b>93,532,405.83</b>	<b>654,886.06</b>	<b>(803,780.31)</b>	-	-	<b>93,383,511.58</b>	<b>93,352,795.06</b>
<b>Laskin</b>							
3100 Land & Land Rights, Fee	253,164.48	-	-	-	-	253,164.48	
3110 Structure & Improvements	6,373,609.56	108,761.44	(21,685.04)	-	-	6,460,685.96	
3111 Structure & Improvements, Pollution	4,755,003.86	-	-	-	-	4,755,003.86	
3120 Boiler Plant Equipment	37,915,506.71	1,046.42	(45,811.14)	-	-	37,870,741.99	
3121 Boiler Plant Equipment, Pollution	8,079,608.55	27,008.75	-	-	-	8,106,617.30	
3140 Turbogenerator Units	11,001,101.97	-	-	-	-	11,001,101.97	
3141 Turbogenerator Units, Pollution	119,200.85	-	-	-	-	119,200.85	
3150 Accessory Elec Equipment	4,888,367.86	-	-	-	-	4,888,367.86	
3151 Accessory Elec Equipment, Pollution	529,155.42	-	-	-	-	529,155.42	
3160 Misc Power Pit Eq	1,242,389.96	-	-	-	(267,786.70)	974,603.26	
3161 Misc Power Pit Eq, Pollution	18,035.02	-	-	-	-	18,035.02	
	<b>75,175,144.24</b>	<b>136,816.61</b>	<b>(67,496.18)</b>	-	<b>(267,786.70)</b>	<b>74,976,677.97</b>	<b>74,723,513.49</b>
<b>Taconite Harbor</b>							
3100 Land & Land Rights, Fee	143,350.45	-	-	-	-	143,350.45	
3110 Structure & Improvements	11,420,956.80	-	-	-	-	11,420,956.80	
3111 Structure & Improvements, Pollution	5,362,474.10	-	-	-	-	5,362,474.10	
3120 Boiler Plant Equipment	30,628,504.69	-	-	-	-	30,628,504.69	
3121 Boiler Plant Equipment, Pollution	65,308,102.87	1,303.22	-	-	-	65,309,406.09	
3140 Turbogenerator Units	12,621,320.33	-	-	-	-	12,621,320.33	
3141 Turbogenerator Units, Pollution	438,677.56	-	-	-	-	438,677.56	
3150 Accessory Elec Equipment	10,875,743.80	-	-	-	-	10,875,743.80	
3151 Accessory Elec Equipment, Pollution	4,225,162.79	-	-	-	-	4,225,162.79	
3160 Misc Power Pit Eq	1,093,235.91	-	-	-	(12,414.68)	1,080,821.23	
	<b>142,117,529.30</b>	<b>1,303.22</b>	-	-	<b>(12,414.68)</b>	<b>142,106,417.84</b>	<b>141,963,067.39</b>
<b>Steam Summary</b>							
3100 Land & Land Rights, Fee	10,531,086.36	-	-	-	-	10,531,086.36	
3110 Structure & Improvements	112,370,298.66	1,519,604.17	(5,615,344.08)	-	(0.00)	108,274,558.75	
3111 Structure & Improvements, Pollution	80,326,501.25	678,693.14	(30,296.70)	-	-	80,974,897.69	
3120 Boiler Plant Equipment	421,182,423.91	4,930,464.07	(36,116,622.54)	-	-	389,996,265.44	
3121 Boiler Plant Equipment, Pollution	693,693,138.25	1,238,302.97	(28,563,162.31)	-	-	666,368,278.91	
3140 Turbogenerator Units	144,720,741.65	71,462.72	(17,117,814.49)	-	-	127,674,389.88	
3141 Turbogenerator Units, Pollution	20,131,366.83	-	(261,438.94)	-	-	19,869,927.89	
3150 Accessory Elec Equipment	127,870,605.69	(1,211,331.79)	(19,484,746.70)	-	-	107,174,527.20	
3151 Accessory Elec Equipment, Pollution	28,621,050.57	-	(6,432,804.30)	-	-	22,188,246.27	
3160 Misc Power Pit Eq	10,047,910.36	26,873.79	(269,787.34)	-	(532,489.69)	9,272,507.12	
3161 Misc Power Pit Eq, Pollution	447,274.09	-	-	-	-	447,274.09	
<b>Total Steam</b>	<b>1,649,942,397.62</b>	<b>7,254,069.07</b>	<b>(113,892,017.40)</b>	-	<b>(532,489.69)</b>	<b>1,542,771,959.60</b>	<b>1,532,240,873.24</b>
<b>BIRCH LAKE RESERVOIR - PROJECT 469</b>							
3300 Land & Land Rights, Fee	1,556.25	-	-	-	-	1,556.25	
3305 Land & Land Rights, Easements	232.79	-	-	-	-	232.79	
3307 Land & Land Rights-Recr, Easem	381.50	-	-	-	-	381.50	
3312 Structure & Improvements, Recr	14,922.38	-	-	-	-	14,922.38	
3320 Reservoirs, Dams & Waterways	3,544,504.59	-	-	-	-	3,544,504.59	
3322 Reservoirs, Dams & Water, Recr	1,176.00	-	-	-	-	1,176.00	
3340 Accessory Electric Equipment	27,573.67	-	(7,826.00)	-	-	19,747.67	
	<b>3,590,347.18</b>	-	<b>(7,826.00)</b>	-	-	<b>3,582,521.18</b>	<b>3,580,350.64</b>
<b>BLANCHARD HE STATION - PROJECT 346</b>							
3300 Land & Land Rights, Fee	56,631.61	-	-	-	-	56,631.61	
3302 Land & Land Rights-Recr, Fee	2,018.12	-	-	-	-	2,018.12	
3305 Land & Land Rights, Easements	75,807.00	-	-	-	-	75,807.00	
3310 Structure & Improvements	926,266.63	2,081,592.04	-	-	-	3,007,858.67	
3312 Structure & Improvements, Recr	83,759.38	-	-	-	-	83,759.38	
3320 Reservoirs, Dams & Waterways	4,663,964.46	-	-	-	-	4,663,964.46	
3330 Water Wheels, Turbines & Gen	4,066,370.35	-	-	-	-	4,066,370.35	
3340 Accessory Electric Equipment	1,974,930.43	-	-	-	-	1,974,930.43	
3350 Miscellaneous Power Plant Equi	205,627.84	-	-	-	-	205,627.84	
	<b>12,055,375.82</b>	<b>2,081,592.04</b>	-	-	-	<b>14,136,967.86</b>	<b>14,002,511.13</b>

**Minnesota Power: Plant In Service**  
**201801 - 201812**

Utility Account	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance	Without Land
<b>BOULDER LAKE RESERVOIR - PROJECT 23</b>							
3300 Land & Land Rights, Fee	82,749.91	-	-	-	-	82,749.91	
3302 Land & Land Rights-Recr, Fee	130.73	-	-	-	-	130.73	
3305 Land & Land Rights, Easements	3,682.00	-	-	-	-	3,682.00	
3310 Structure & Improvements	3,142.11	-	-	-	-	3,142.11	
3312 Structure & Improvements, Recr	290,715.46	-	-	-	-	290,715.46	
3320 Reservoirs, Dams & Waterways	191,288.68	-	-	-	-	191,288.68	
3322 Reservoirs, Dams & Water, Recr	1,745.39	-	-	-	-	1,745.39	
3340 Accessory Electric Equipment	20,039.76	-	-	-	-	20,039.76	
3360 Roads, Railroads And Bridges	12,598.51	-	-	-	-	12,598.51	
	<b>606,092.55</b>	-	-	-	-	<b>606,092.55</b>	<b>519,529.91</b>
<b>CLOQUET AND ST LOUIS RVR GAG'G STA</b>							
3300 Land & Land Rights, Fee	2,068.21	-	-	-	-	2,068.21	
3320 Reservoirs, Dams & Waterways	69,586.38	-	-	-	-	69,586.38	
3340 Accessory Electric Equipment	55,864.48	-	-	-	-	55,864.48	
	<b>127,519.07</b>	-	-	-	-	<b>127,519.07</b>	<b>125,450.86</b>
<b>FISH LAKE RESERVOIR - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	43,203.60	-	-	-	-	43,203.60	
3302 Land & Land Rights-Recr, Fee	86.24	-	-	-	-	86.24	
3305 Land & Land Rights, Easements	19,193.38	-	-	-	-	19,193.38	
3312 Structure & Improvements, Recr	43,537.22	-	-	-	-	43,537.22	
3320 Reservoirs, Dams & Waterways	1,209,718.81	1,669.88	-	-	-	1,211,388.69	
3322 Reservoirs, Dams & Water, Recr	2,278.05	-	-	-	-	2,278.05	
3340 Accessory Electric Equipment	18,864.63	-	-	-	-	18,864.63	
	<b>1,336,881.93</b>	<b>1,669.88</b>	-	-	-	<b>1,338,551.81</b>	<b>1,276,068.59</b>
<b>FOND DU LAC HE STA PROJECT 2360</b>							
3300 Land & Land Rights, Fee	874,753.53	-	-	-	-	874,753.53	
3310 Structure & Improvements	828,352.56	-	-	-	-	828,352.56	
3312 Structure & Improvements, Recr	24,973.68	-	-	-	-	24,973.68	
3320 Reservoirs, Dams & Waterways	10,590,004.78	219,965.61	-	-	-	10,809,970.39	
3330 Water Wheels, Turbines & Gen	4,744,773.40	-	-	-	-	4,744,773.40	
3340 Accessory Electric Equipment	1,465,885.98	-	-	-	-	1,465,885.98	
3350 Miscellaneous Power Plant Equi	133,635.37	-	-	-	-	133,635.37	
3360 Roads, Railroads And Bridges	309,733.16	(250.10)	-	-	-	309,483.06	
	<b>18,972,112.46</b>	<b>219,715.51</b>	-	-	-	<b>19,191,827.97</b>	<b>18,317,074.44</b>
<b>ISLAND LAKE RESERVOIR - PROJECT 236</b>							
3300 Land & Land Rights, Fee	245,752.63	-	-	-	-	245,752.63	
3301 Land & Land Rights-Fish, Fee	588.76	-	-	-	-	588.76	
3302 Land & Land Rights-Recr, Fee	1,831.33	-	-	-	-	1,831.33	
3305 Land & Land Rights, Easements	70,314.04	-	-	-	-	70,314.04	
3307 Land & Land Rights-Recr, Easem	500.00	-	-	-	-	500.00	
3310 Structure & Improvements	103,263.73	-	-	-	-	103,263.73	
3312 Structure & Improvements, Recr	1,086,348.88	-	-	-	-	1,086,348.88	
3320 Reservoirs, Dams & Waterways	14,088,500.89	275,287.66	-	-	-	14,363,788.55	
3322 Reservoirs, Dams & Water, Recr	5,448.42	-	-	-	-	5,448.42	
3350 Miscellaneous Power Plant Equi	47,879.44	-	-	-	-	47,879.44	
3360 Roads, Railroads And Bridges	2,996.41	-	-	-	-	2,996.41	
	<b>15,653,424.53</b>	<b>275,287.66</b>	-	-	-	<b>15,928,712.19</b>	<b>15,609,725.43</b>
<b>KNIFE FALLS HE STATION - PROJECT 23</b>							
3300 Land & Land Rights, Fee	3,779.70	-	-	-	-	3,779.70	
3305 Land & Land Rights, Easements	34,453.54	-	-	-	-	34,453.54	
3310 Structure & Improvements	940,214.33	17,282.46	-	-	-	957,496.79	
3312 Structure & Improvements, Recr	2,759.52	-	-	-	-	2,759.52	
3320 Reservoirs, Dams & Waterways	2,294,296.66	5,760.83	-	-	-	2,300,057.49	
3330 Water Wheels, Turbines & Gen	290,616.45	-	-	-	-	290,616.45	
3340 Accessory Electric Equipment	903,730.37	-	-	-	-	903,730.37	
3350 Miscellaneous Power Plant Equi	69,034.30	-	-	-	-	69,034.30	
3360 Roads, Railroads And Bridges	457.30	-	-	-	-	457.30	
	<b>4,539,342.17</b>	<b>23,043.29</b>	-	-	-	<b>4,562,385.46</b>	<b>4,524,152.22</b>
<b>LITTLE FALLS HE STATION - PROJECT 2</b>							
3300 Land & Land Rights, Fee	182,693.08	-	-	-	-	182,693.08	
3305 Land & Land Rights, Easements	21,429.84	-	-	-	-	21,429.84	
3310 Structure & Improvements	1,451,221.93	-	-	-	-	1,451,221.93	
3312 Structure & Improvements, Recr	6,042.41	-	-	-	-	6,042.41	

**Minnesota Power: Plant In Service  
201801 - 201812**

Utility Account	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance	Without Land
3320 Reservoirs, Dams & Waterways	7,036,548.65	-	-	-	-	7,036,548.65	
3330 Water Wheels, Turbines & Gen	3,272,720.36	-	-	-	-	3,272,720.36	
3340 Accessory Electric Equipment	1,176,861.25	353,942.11	(5,729.11)	-	-	1,525,074.25	
3350 Miscellaneous Power Plant Equi	270,552.23	-	-	-	-	270,552.23	
	<b>13,418,069.75</b>	<b>353,942.11</b>	<b>(5,729.11)</b>	-	-	<b>13,766,282.75</b>	<b>13,562,159.83</b>
<b>MISC OPERATING LANDS</b>							
3300 Land & Land Rights, Fee	64,603.84	-	-	-	-	64,603.84	
3305 Land & Land Rights, Easements	503,338.43	-	-	-	-	503,338.43	
	<b>567,942.27</b>	-	-	-	-	<b>567,942.27</b>	-
<b>PILLAGER HE STATION - PROJECT 2663</b>							
3300 Land & Land Rights, Fee	61,067.17	-	-	-	-	61,067.17	
3305 Land & Land Rights, Easements	68,003.91	-	-	-	-	68,003.91	
3310 Structure & Improvements	151,986.84	-	-	-	-	151,986.84	
3312 Structure & Improvements, Recr	12,789.11	-	-	-	-	12,789.11	
3320 Reservoirs, Dams & Waterways	1,656,072.01	-	-	-	-	1,656,072.01	
3330 Water Wheels, Turbines & Gen	265,439.57	-	(71,078.68)	-	-	194,360.89	
3340 Accessory Electric Equipment	266,171.82	-	-	-	-	266,171.82	
3350 Miscellaneous Power Plant Equi	12,960.27	-	-	-	-	12,960.27	
3360 Roads, Railroads And Bridges	1,497.48	-	-	-	-	1,497.48	
	<b>2,495,988.18</b>	-	<b>(71,078.68)</b>	-	-	<b>2,424,909.50</b>	<b>2,295,838.42</b>
<b>PRAIRIE RIVER HE STATION - MINOR PR</b>							
3300 Land & Land Rights, Fee	1,031.76	-	-	-	-	1,031.76	
3310 Structure & Improvements	1,851,254.92	-	-	-	-	1,851,254.92	
3312 Structure & Improvements, Recr	6,098.46	-	-	-	-	6,098.46	
3320 Reservoirs, Dams & Waterways	993,835.97	-	-	-	-	993,835.97	
3330 Water Wheels, Turbines & Gen	862,581.73	-	-	-	-	862,581.73	
3340 Accessory Electric Equipment	891,463.10	-	-	-	-	891,463.10	
3350 Miscellaneous Power Plant Equi	59,425.40	-	-	-	-	59,425.40	
	<b>4,665,691.34</b>	-	-	-	-	<b>4,665,691.34</b>	<b>4,664,659.58</b>
<b>RICE LAKE RESERVOIR - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	13,319.62	-	-	-	-	13,319.62	
3305 Land & Land Rights, Easements	6,359.61	-	-	-	-	6,359.61	
3312 Structure & Improvements, Recr	28,927.23	-	-	-	-	28,927.23	
3320 Reservoirs, Dams & Waterways	171,979.48	-	-	-	-	171,979.48	
3340 Accessory Electric Equipment	18,269.12	-	-	-	-	18,269.12	
	<b>238,855.06</b>	-	-	-	-	<b>238,855.06</b>	<b>219,175.83</b>
<b>SCANLON HE STATION - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	16,283.77	-	-	-	-	16,283.77	
3305 Land & Land Rights, Easements	500.00	-	-	-	-	500.00	
3310 Structure & Improvements	204,251.14	-	-	-	-	204,251.14	
3312 Structure & Improvements, Recr	100,152.33	-	-	-	-	100,152.33	
3320 Reservoirs, Dams & Waterways	2,304,705.09	-	(12,935.45)	-	-	2,291,769.64	
3330 Water Wheels, Turbines & Gen	247,600.94	-	-	-	-	247,600.94	
3340 Accessory Electric Equipment	836,394.80	-	-	-	-	836,394.80	
3350 Miscellaneous Power Plant Equi	37,548.82	-	-	-	-	37,548.82	
3360 Roads, Railroads And Bridges	17,171.99	-	-	-	-	17,171.99	
	<b>3,764,608.88</b>	-	<b>(12,935.45)</b>	-	-	<b>3,751,673.43</b>	<b>3,734,889.66</b>
<b>SYLVAN HE STATION - PROJECT NO 2454</b>							
3300 Land & Land Rights, Fee	103,210.35	-	-	-	-	103,210.35	
3305 Land & Land Rights, Easements	17,118.86	-	-	-	-	17,118.86	
3310 Structure & Improvements	313,620.63	-	-	-	-	313,620.63	
3312 Structure & Improvements, Recr	36,001.73	-	-	-	-	36,001.73	
3320 Reservoirs, Dams & Waterways	1,481,483.13	-	-	-	-	1,481,483.13	
3330 Water Wheels, Turbines & Gen	222,259.37	-	-	-	-	222,259.37	
3340 Accessory Electric Equipment	177,557.69	-	-	-	-	177,557.69	
3350 Miscellaneous Power Plant Equi	19,391.61	-	-	-	-	19,391.61	
3360 Roads, Railroads And Bridges	1,974.52	-	-	-	-	1,974.52	
	<b>2,372,617.89</b>	-	-	-	-	<b>2,372,617.89</b>	<b>2,252,288.68</b>
<b>THOMSON HE STATION - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	332,449.65	-	-	-	-	332,449.65	
3305 Land & Land Rights, Easements	394.59	-	-	-	-	394.59	
3310 Structure & Improvements	8,369,760.72	(430.13)	(1,566.05)	-	-	8,367,764.54	
3312 Structure & Improvements, Recr	52,627.95	-	-	-	-	52,627.95	
3320 Reservoirs, Dams & Waterways	71,943,884.05	2,853,596.33	-	-	-	74,797,480.38	

**Minnesota Power: Plant In Service  
201801 - 201812**

Utility Account	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance	Without Land
3322 Reservoirs, Dams & Water, Recr	305.38	-	-	-	-	305.38	
3330 Water Wheels, Turbines & Gen	17,494,846.57	(48,754.01)	-	-	-	17,446,092.56	
3340 Accessory Electric Equipment	10,238,493.10	(40,794.11)	-	-	-	10,197,698.99	
3350 Miscellaneous Power Plant Equi	860,312.85	-	-	-	-	860,312.85	
3360 Roads, Railroads And Bridges	90,090.36	-	-	-	-	90,090.36	
	<b>109,383,165.22</b>	<b>2,763,618.08</b>	<b>(1,566.05)</b>	<b>-</b>	<b>-</b>	<b>112,145,217.25</b>	<b>111,812,373.01</b>
<b>WHITE IRON LAKE RESERVOIR - PROJECT</b>							
3305 Land & Land Rights, Easements	349.88	-	-	-	-	349.88	
3320 Reservoirs, Dams & Waterways	6,141.88	-	-	-	-	6,141.88	
3340 Accessory Electric Equipment	26,721.84	-	(10,616.46)	-	-	16,105.38	
	<b>33,213.60</b>	<b>-</b>	<b>(10,616.46)</b>	<b>-</b>	<b>-</b>	<b>22,597.14</b>	<b>22,247.26</b>
<b>WHITEFACE RESERVOIR - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	43,073.87	-	-	-	-	43,073.87	
3305 Land & Land Rights, Easements	94,923.20	-	-	-	-	94,923.20	
3312 Structure & Improvements, Recr	34,312.69	-	-	-	-	34,312.69	
3320 Reservoirs, Dams & Waterways	1,246,611.83	38,767.48	(24,043.95)	-	-	1,261,335.36	
3340 Accessory Electric Equipment	14,446.85	-	-	-	-	14,446.85	
	<b>1,433,368.44</b>	<b>38,767.48</b>	<b>(24,043.95)</b>	<b>-</b>	<b>-</b>	<b>1,448,091.97</b>	<b>1,310,094.90</b>
<b>WINTON HE STATION - PROJECT 469</b>							
3300 Land & Land Rights, Fee	106,603.64	-	-	-	-	106,603.64	
3302 Land & Land Rights-Recr, Fee	1,797.73	-	-	-	-	1,797.73	
3305 Land & Land Rights, Easements	210,170.75	-	-	-	-	210,170.75	
3310 Structure & Improvements	483,747.14	-	-	-	-	483,747.14	
3312 Structure & Improvements, Recr	155,301.29	-	-	-	-	155,301.29	
3320 Reservoirs, Dams & Waterways	1,938,936.94	415,343.97	-	-	-	2,354,280.91	
3330 Water Wheels, Turbines & Gen	539,240.51	-	-	-	-	539,240.51	
3340 Accessory Electric Equipment	1,961,841.96	-	-	-	-	1,961,841.96	
3350 Miscellaneous Power Plant Equi	82,729.13	-	-	-	-	82,729.13	
	<b>5,480,369.09</b>	<b>415,343.97</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,895,713.06</b>	<b>5,577,140.94</b>
<b>Hydro Summary</b>							
3300 Land & Land Rights, Fee	2,234,832.19	-	-	-	-	2,234,832.19	
3301 Land & Land Rights-Fish, Fee	588.76	-	-	-	-	588.76	
3302 Land & Land Rights-Recr, Fee	5,864.15	-	-	-	-	5,864.15	
3305 Land & Land Rights, Easements	1,126,271.82	-	-	-	-	1,126,271.82	
3307 Land & Land Rights-Recr, Easem	881.50	-	-	-	-	881.50	
3310 Structure & Improvements	15,627,082.68	2,098,444.37	(1,566.05)	-	-	17,723,961.00	
3312 Structure & Improvements, Recr	1,979,269.72	-	-	-	-	1,979,269.72	
3320 Reservoirs, Dams & Waterways	125,432,064.28	3,810,391.76	(36,979.40)	-	-	129,205,476.64	
3322 Reservoirs, Dams & Water, Recr	10,953.24	-	-	-	-	10,953.24	
3330 Water Wheels, Turbines & Gen	32,006,449.25	(48,754.01)	(71,078.68)	-	-	31,886,616.56	
3340 Accessory Electric Equipment	20,075,110.85	313,148.00	(24,171.57)	-	-	20,364,087.28	
3350 Miscellaneous Power Plant Equi	1,799,097.26	-	-	-	-	1,799,097.26	
3360 Roads, Railroads And Bridges	436,519.73	(250.10)	-	-	-	436,269.63	
<b>Total Hydro</b>	<b>200,734,985.43</b>	<b>6,172,980.02</b>	<b>(133,795.70)</b>	<b>-</b>	<b>-</b>	<b>206,774,169.75</b>	<b>203,405,731.33</b>
<b>Bison 1A Wind</b>							
3410 Structures and Improvements	7,471,983.68	-	-	-	-	7,471,983.68	
3440 Generators	67,565,653.48	383,231.03	-	-	-	67,948,884.51	
3450 Accessory Electric Equipment	652,477.19	-	-	-	-	652,477.19	
3460 Misc Power Plant Equipment	641,916.83	-	-	-	-	641,916.83	
	<b>76,332,031.18</b>	<b>383,231.03</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>76,715,262.21</b>	<b>76,715,262.21</b>
<b>Bison 1B Wind</b>							
3400 Land and Land Rights	380,982.94	-	-	-	-	380,982.94	
3410 Structures and Improvements	4,038,502.21	-	-	-	-	4,038,502.21	
3440 Generators	64,990,031.86	-	-	-	-	64,990,031.86	
3450 Accessory Electric Equipment	4,211,765.27	-	-	-	-	4,211,765.27	
3460 Misc Power Plant Equipment	17,868.66	-	-	-	-	17,868.66	
	<b>73,639,150.94</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>73,639,150.94</b>	<b>73,258,168.00</b>
<b>Bison 2 Wind</b>							
3400 Land and Land Rights	267,122.03	-	-	-	-	267,122.03	
3410 Structures and Improvements	9,664,236.74	-	-	-	-	9,664,236.74	
3440 Generators	124,521,645.05	-	-	-	-	124,521,645.05	
3450 Accessory Electric Equipment	13,834,046.10	-	-	-	-	13,834,046.10	
3460 Misc Power Plant Equipment	2,249,258.65	-	-	-	-	2,249,258.65	

**Minnesota Power: Plant In Service**  
**201801 - 201812**

Utility Account	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance	Without Land
<b>Bison 3 Wind</b>	<b>150,536,308.57</b>	-	-	-	-	<b>150,536,308.57</b>	<b>150,269,186.54</b>
3400 Land and Land Rights	191,651.62	-	-	-	-	191,651.62	
3410 Structures and Improvements	9,231,530.40	-	-	-	-	9,231,530.40	
3440 Generators	125,321,516.79	-	-	-	-	125,321,516.79	
3450 Accessory Electric Equipment	14,862,112.92	-	-	-	-	14,862,112.92	
	<b>149,606,811.73</b>	-	-	-	-	<b>149,606,811.73</b>	<b>149,415,160.11</b>
<b>Bison 4 Wind</b>							
3400 Land and Land Rights	642,161.12	8.78	-	-	-	642,169.90	
3410 Structures and Improvements	15,898,705.32	184.14	-	-	-	15,898,889.46	
3440 Generators	294,062,660.98	2,350.38	-	-	-	294,065,011.36	
3450 Accessory Electric Equipment	15,299,051.14	208.87	-	-	-	15,299,260.01	
	<b>325,902,578.56</b>	<b>2,752.17</b>	-	-	-	<b>325,905,330.73</b>	<b>325,263,160.83</b>
<b>Tac Ridge Wind</b>							
3410 Structures and Improvements	6,319,272.28	8,500.03	(15,654.82)	-	-	6,312,117.49	
3440 Generators	41,278,193.80	-	(570,238.79)	-	-	40,707,955.01	
3450 Accessory Electric Equipment	798,645.88	-	-	-	-	798,645.88	
3460 Misc Power Plant Equipment	311,798.61	-	-	-	-	311,798.61	
	<b>48,707,910.57</b>	<b>8,500.03</b>	<b>(585,893.61)</b>	-	-	<b>48,130,516.99</b>	<b>48,130,516.99</b>
<b>Wind Summary</b>							
3400 Land and Land Rights	1,481,917.71	8.78	-	-	-	1,481,926.49	
3410 Structures and Improvements	52,624,230.63	8,684.17	(15,654.82)	-	-	52,617,259.98	
3440 Generators	717,739,701.96	385,581.41	(570,238.79)	-	-	717,555,044.58	
3450 Accessory Electric Equipment	49,658,098.50	208.87	-	-	-	49,658,307.37	
3460 Misc Power Plant Equipment	3,220,842.75	-	-	-	-	3,220,842.75	
<b>Total Wind</b>	<b>824,724,791.55</b>	<b>394,483.23</b>	<b>(585,893.61)</b>	-	-	<b>824,533,381.17</b>	<b>823,051,454.68</b>
<b>Community Solar Gardens</b>							
3415 Structures and Improvements	203,276.71	(176,850.74)	-	-	-	26,425.97	
3445 Generators	-	176,850.74	-	-	-	176,850.74	
	<b>203,276.71</b>	-	-	-	-	<b>203,276.71</b>	<b>203,276.71</b>
<b>Solar Summary</b>							
3415 Structures and Improvements	203,276.71	(176,850.74)	-	-	-	26,425.97	
3445 Generators	-	176,850.74	-	-	-	176,850.74	
<b>Total Solar</b>	<b>203,276.71</b>	-	-	-	-	<b>203,276.71</b>	<b>203,276.71</b>
<b>Total Generation</b>	<b>2,675,605,451.31</b>	<b>13,821,532.32</b>	<b>(114,611,706.71)</b>	-	<b>(532,489.69)</b>	<b>2,574,282,787.23</b>	<b>2,558,901,335.96</b>
<b>Structures &amp; Improvements, Aircraft</b>							
General Office Building	18,683,783.38	(1,367,967.27)	(1,094,828.23)	-	-	16,220,987.88	
Herbert Service Center	13,520,935.84	164,481.44	(532,076.68)	-	-	13,153,340.60	
Eveleth Service Center	6,891,763.93	126,771.69	(129,567.17)	-	-	6,888,968.45	
Rowe Energy Control Center	6,215,910.40	78,475.56	(6,700.00)	-	-	6,287,685.96	
Little Falls Service Center & DC Line Material Storage Facility	5,092,668.29	204,107.09	(87,865.67)	-	-	5,208,909.71	
Cloquet Service Center	2,753,688.38	(102,774.66)	(382,301.12)	-	-	2,268,612.60	
Park Rapids Service Center	2,183,282.69	(28,711.10)	(175,265.37)	-	-	1,979,306.22	
Coleraine Service Center	1,933,813.25	(297.88)	(84,951.73)	-	-	1,848,563.64	
Sandstone Service Center	1,876,460.94	-	(72,922.71)	-	-	1,803,538.23	
Pine River Service Center	1,782,466.99	8,475.13	(108,931.71)	-	-	1,682,010.41	
Crosby Service Center	1,518,884.62	-	(118,531.53)	-	-	1,400,353.09	
International Falls Service Center	1,192,558.71	-	(52,157.60)	-	-	1,140,401.11	
Miscellaneous	9,980,617.50	890,680.43	(9,105.40)	-	-	10,862,192.53	
<b>3900 Total Structures &amp; Improvements</b>	<b>73,626,834.92</b>	<b>(26,759.57)</b>	<b>(2,855,204.92)</b>	-	-	<b>70,744,870.43</b>	
<b>3928 Aircraft -Fixed Wing</b>	<b>3,034,142.63</b>	-	<b>(3,034,142.63)</b>	-	-	-	
<b>Total Structures &amp; Improvements, Aircraft</b>	<b>76,660,977.55</b>	<b>(26,759.57)</b>	<b>(5,889,347.55)</b>	-	-	<b>70,744,870.43</b>	<b>70,744,870.43</b>
<b>Total Generation, Structures &amp; Improvements, &amp; Aircraft</b>	<b>2,752,266,428.86</b>	<b>13,794,772.75</b>	<b>(120,501,054.26)</b>	-	<b>(532,489.69)</b>	<b>2,645,027,657.66</b>	<b>2,629,646,206.39</b>

## Minnesota Power: Reserve Balance

201801 - 201812

Utility Account	Beginning Balance	Provision	Retirements	Cost of Removal	Salvage	Transfers & Adjustments	Gain / Loss	Ending Balance
<b>Boswell Common</b>								
3110 Structure & Improvements	13,302,197.16	674,505.94	(677,136.99)	(7,050.77)	-	478,484.73	-	13,771,000.07
3111 Structure & Improvements, Pollution	12,452,943.00	427,175.07	-	-	-	4,085.20	-	12,884,203.27
3120 Boiler Plant Equipment	30,080,986.66	1,658,914.12	(4,370,051.60)	(107,205.71)	80,000.00	210,652.69	-	27,553,296.16
3121 Boiler Plant Equipment, Pollution	37,497,276.33	3,046,083.60	(3,850,568.46)	-	-	-	-	36,692,791.47
3140 Turbogenerator Units	909,789.76	10,540.47	(11,173.55)	-	-	-	-	909,156.68
3141 Turbogenerator Units, Pollution	33,404.36	15,703.35	-	-	-	-	-	49,107.71
3150 Accessory Elec Equipment	5,972,721.26	273,327.33	(49,205.12)	-	-	979,049.21	-	7,175,892.68
3151 Accessory Elec Equipment, Pollution	1,999,704.37	21,145.16	-	-	-	-	-	2,020,849.53
3160 Misc Power Pit Eq	2,857,179.33	122,232.29	(269,787.34)	(12,195.87)	116,000.00	(101,043.09)	-	2,712,385.32
3161 Misc Power Pit Eq, Pollution	121.31	0.80	-	-	-	-	-	122.11
	<b>105,106,323.54</b>	<b>6,249,628.13</b>	<b>(9,227,923.06)</b>	<b>(126,452.35)</b>	<b>196,000.00</b>	<b>1,571,228.74</b>	-	<b>103,768,805.00</b>
<b>Boswell Unit 1</b>								
3110 Structure & Improvements	2,578,764.02	201,612.65	(2,597,159.96)	(66,463.35)	-	(116,753.36)	-	(0.00)
3111 Structure & Improvements, Pollution	31,279.09	929.72	(30,296.70)	-	-	(1,912.11)	-	0.00
3120 Boiler Plant Equipment	10,644,008.08	1,097,544.15	(13,995,544.49)	(693.75)	-	2,254,686.01	-	0.00
3121 Boiler Plant Equipment, Pollution	7,559,243.74	1,381,501.62	(12,550,600.52)	(11.12)	-	3,609,866.28	-	(0.00)
3140 Turbogenerator Units	6,679,277.65	584,471.20	(8,329,877.36)	(13.29)	-	1,066,141.80	-	0.00
3141 Turbogenerator Units, Pollution	136,941.08	20,573.96	(208,191.50)	-	-	50,676.46	-	(0.00)
3150 Accessory Elec Equipment	4,367,090.53	703,024.43	(5,988,501.24)	(462.34)	-	918,848.62	-	(0.00)
3151 Accessory Elec Equipment, Pollution	144,249.66	25,896.46	(236,766.85)	(19,709.76)	-	86,330.49	-	-
3160 Misc Power Pit Eq	(1,940.59)	388.08	-	-	-	1,552.51	-	-
	<b>32,138,913.26</b>	<b>4,015,942.27</b>	<b>(43,936,938.62)</b>	<b>(87,353.61)</b>	-	<b>7,869,436.70</b>	-	<b>(0.00)</b>
<b>Boswell Unit 2</b>								
3110 Structure & Improvements	1,806,590.21	72,226.50	(1,671,305.14)	(79,091.54)	-	(128,420.03)	-	0.00
3111 Structure & Improvements, Pollution	3,382.52	(395.23)	-	-	-	(2,987.29)	-	-
3120 Boiler Plant Equipment	11,947,119.40	681,609.58	(13,038,955.42)	(54.38)	-	410,280.82	-	0.00
3121 Boiler Plant Equipment, Pollution	5,988,313.01	1,758,891.92	(12,749,470.66)	(22.17)	-	5,002,287.90	-	-
3140 Turbogenerator Units	7,139,634.99	628,571.04	(8,776,763.58)	-	-	1,008,557.55	-	0.00
3141 Turbogenerator Units, Pollution	54,183.74	1,582.62	(53,247.44)	-	-	(2,518.92)	-	(0.00)
3150 Accessory Elec Equipment	3,517,560.82	210,704.71	(3,298,684.42)	-	-	(429,581.11)	-	(0.00)
3160 Misc Power Pit Eq	(528.47)	105.72	-	-	-	422.75	-	-
	<b>30,456,256.22</b>	<b>3,353,296.86</b>	<b>(39,588,426.66)</b>	<b>(79,168.09)</b>	-	<b>5,858,041.67</b>	-	<b>0.00</b>
<b>Boswell Unit 3</b>								
3110 Structure & Improvements	10,053,829.96	740,820.98	(37,794.99)	(24,260.07)	-	-	-	10,732,595.88
3111 Structure & Improvements, Pollution	7,618,171.06	751,985.58	-	-	-	-	-	8,370,156.64
3120 Boiler Plant Equipment	45,562,877.93	2,825,991.34	(1,375,841.18)	(364,738.87)	-	-	-	46,648,289.22
3121 Boiler Plant Equipment, Pollution	68,133,853.30	10,893,029.51	(526,187.54)	(198,474.59)	-	-	-	78,302,220.68
3140 Turbogenerator Units	17,838,191.55	1,132,032.38	-	-	-	-	-	18,970,223.93
3141 Turbogenerator Units, Pollution	2,310,010.14	182,066.80	-	-	-	-	-	2,492,076.94
3150 Accessory Elec Equipment	12,184,369.50	1,459,466.03	-	-	-	-	-	13,643,835.53
3151 Accessory Elec Equipment, Pollution	911,299.96	112,424.05	-	-	-	-	-	1,023,724.01
3160 Misc Power Pit Eq	264,197.47	19,079.53	-	-	-	-	-	283,277.00
	<b>164,876,800.87</b>	<b>18,116,896.20</b>	<b>(1,939,823.71)</b>	<b>(587,473.53)</b>	-	-	-	<b>180,466,399.83</b>
<b>Boswell Unit 4</b>								
3110 Structure & Improvements	19,773,807.73	1,224,456.46	-	-	-	-	-	20,998,264.19
3111 Structure & Improvements, Pollution	9,785,704.74	1,350,105.07	-	-	-	-	-	11,135,809.81
3120 Boiler Plant Equipment	56,347,214.30	4,134,944.16	(1,978,720.74)	(176,854.04)	-	-	-	58,326,583.68
3121 Boiler Plant Equipment, Pollution	42,705,416.98	13,423,172.45	(65,462.84)	(12,930.50)	-	-	-	56,050,196.09
3140 Turbogenerator Units	18,422,352.47	2,395,167.96	-	-	-	-	-	20,817,520.43
3141 Turbogenerator Units, Pollution	5,080,941.64	537,559.91	-	-	-	-	-	5,618,501.55
3150 Accessory Elec Equipment	18,278,682.32	1,896,756.57	(10,087,407.83)	(139,375.42)	30,318.24	-	-	9,978,973.88
3151 Accessory Elec Equipment, Pollution	11,085,267.42	471,983.63	(6,196,037.45)	-	426,262.29	-	-	5,787,475.89
3160 Misc Power Pit Eq	451,757.22	34,368.33	-	-	-	-	-	486,125.55
3161 Misc Power Pit Eq, Pollution	350,376.73	6,172.99	-	-	-	-	-	356,549.72
	<b>182,281,521.55</b>	<b>25,474,687.53</b>	<b>(18,327,628.86)</b>	<b>(329,159.96)</b>	<b>456,580.53</b>	-	-	<b>189,556,000.79</b>
<b>Hibbard Renewable Energy Center</b>								
3110 Structure & Improvements	2,945,276.51	219,222.62	-	-	-	-	-	3,164,499.13
3111 Structure & Improvements, Pollution	29,038.53	16,933.81	-	-	-	-	-	45,972.34
3120 Boiler Plant Equipment	34,453,320.97	1,893,918.51	(663,246.35)	(95,051.26)	-	-	-	35,588,941.87
3121 Boiler Plant Equipment, Pollution	9,381,702.44	563,815.63	(79,585.87)	(129.43)	-	-	-	9,865,802.77
3140 Turbogenerator Units	6,372,850.20	338,743.56	-	-	-	-	-	6,711,593.76
3150 Accessory Elec Equipment	2,037,402.11	240,678.52	(60,948.09)	(10,747.60)	-	-	-	2,206,384.94
3160 Misc Power Pit Eq	729,423.00	37,049.45	-	-	-	-	-	766,472.45



## Minnesota Power: Reserve Balance

201801 - 201812

Utility Account	Beginning Balance	Provision	Retirements	Cost of Removal	Salvage	Transfers & Adjustments	Gain / Loss	Ending Balance
	<b>55,949,013.76</b>	<b>3,310,362.10</b>	<b>(803,780.31)</b>	<b>(105,928.29)</b>	-	-	-	<b>58,349,667.26</b>
<b>Laskin</b>								
3110 Structure & Improvements	5,536,687.23	186,600.35	(21,685.04)	(10,567.85)	-	-	-	5,691,034.69
3111 Structure & Improvements, Pollution	3,011,031.87	222,178.43	-	-	-	-	-	3,233,210.30
3120 Boiler Plant Equipment	21,522,653.82	1,962,770.96	(45,811.14)	-	-	-	-	23,439,613.64
3121 Boiler Plant Equipment, Pollution	4,517,976.81	424,583.78	-	-	-	-	-	4,942,560.59
3140 Turbogenerator Units	9,520,904.18	317,518.55	-	-	-	-	-	9,838,422.73
3141 Turbogenerator Units, Pollution	70,256.44	6,285.43	-	-	-	-	-	76,541.87
3150 Accessory Elec Equipment	3,633,324.56	187,037.28	-	-	-	-	-	3,820,361.84
3151 Accessory Elec Equipment, Pollution	543,922.88	10,052.86	-	-	-	-	-	553,975.74
3160 Misc Power Pit Eq	969,252.56	31,853.32	-	-	77,615.73	(128,170.41)	-	950,551.20
3161 Misc Power Pit Eq, Pollution	19,637.91	257.97	-	-	-	-	-	19,895.88
	<b>49,345,648.26</b>	<b>3,349,138.93</b>	<b>(67,496.18)</b>	<b>(10,567.85)</b>	<b>77,615.73</b>	<b>(128,170.41)</b>	-	<b>52,566,168.48</b>
<b>Taconite Harbor</b>								
3110 Structure & Improvements	5,994,958.55	694,636.93	-	-	-	(0.01)	-	6,689,595.47
3111 Structure & Improvements, Pollution	3,131,984.04	290,910.72	-	-	-	0.02	-	3,422,894.78
3120 Boiler Plant Equipment	11,384,367.66	2,384,286.36	-	-	-	-	-	13,768,654.02
3121 Boiler Plant Equipment, Pollution	35,074,082.97	3,843,792.02	-	-	-	-	-	38,917,874.99
3140 Turbogenerator Units	4,850,444.40	964,821.90	-	-	-	0.01	-	5,815,266.31
3141 Turbogenerator Units, Pollution	207,526.57	29,207.46	-	-	-	(0.01)	-	236,734.02
3150 Accessory Elec Equipment	4,109,915.83	839,127.12	-	-	-	(0.01)	-	4,949,042.94
3151 Accessory Elec Equipment, Pollution	2,112,312.62	268,703.28	-	-	-	-	-	2,381,015.90
3160 Misc Power Pit Eq	642,096.94	58,476.30	-	-	-	(5,324.65)	-	695,248.59
	<b>67,507,689.58</b>	<b>9,373,962.09</b>	-	-	-	<b>(5,324.65)</b>	-	<b>76,876,327.02</b>
<b>Steam Summary</b>								
3110 Structure & Improvements	61,992,111.37	4,014,082.43	(5,005,082.12)	(187,433.58)	-	233,311.33	-	61,046,989.43
3111 Structure & Improvements, Pollution	36,063,534.85	3,059,823.17	(30,296.70)	-	-	(814.18)	-	39,092,247.14
3120 Boiler Plant Equipment	221,942,548.82	16,639,979.18	(35,468,170.92)	(744,598.01)	80,000.00	2,875,619.52	-	205,325,378.59
3121 Boiler Plant Equipment, Pollution	210,857,865.58	35,334,870.53	(29,821,875.89)	(211,567.81)	-	8,612,154.18	-	224,771,446.59
3140 Turbogenerator Units	71,733,445.20	6,371,867.06	(17,117,814.49)	(13.29)	-	2,074,699.36	-	63,062,183.84
3141 Turbogenerator Units, Pollution	7,893,263.97	792,979.53	(261,438.94)	-	-	48,157.53	-	8,472,962.09
3150 Accessory Elec Equipment	54,101,066.93	5,810,121.99	(19,484,746.70)	(150,585.36)	30,318.24	1,468,316.71	-	41,774,491.81
3151 Accessory Elec Equipment, Pollution	16,796,756.91	910,205.44	(6,432,804.30)	(19,709.76)	426,262.29	86,330.49	-	11,767,041.07
3160 Misc Power Pit Eq	5,911,437.46	303,553.02	(269,787.34)	(12,195.87)	193,615.73	(232,562.89)	-	5,894,060.11
3161 Misc Power Pit Eq, Pollution	370,135.95	6,431.76	-	-	-	-	-	376,567.71
<b>Total Steam</b>	<b>687,662,167.04</b>	<b>73,243,914.11</b>	<b>(113,892,017.40)</b>	<b>(1,326,103.68)</b>	<b>730,196.26</b>	<b>15,165,212.05</b>	-	<b>661,583,368.38</b>
<b>BIRCH LAKE RESERVOIR - PROJECT 469</b>								
3312 Structure & Improvements, Recr	7,228.11	167.28	-	-	-	-	-	7,395.39
3320 Reservoirs, Dams & Waterways	43,880.75	76,100.52	-	-	-	-	-	119,981.27
3322 Reservoirs, Dams & Water, Recr	1,176.00	-	-	-	-	-	-	1,176.00
3340 Accessory Electric Equipment	27,573.67	2.55	(7,826.00)	(187.49)	-	-	-	19,562.73
	<b>79,858.53</b>	<b>76,270.35</b>	<b>(7,826.00)</b>	<b>(187.49)</b>	-	-	-	<b>148,115.39</b>
<b>BLANCHARD HE STATION - PROJECT 346</b>								
3310 Structure & Improvements	457,930.29	15,981.76	-	-	-	-	-	473,912.05
3312 Structure & Improvements, Recr	50,477.67	723.48	-	-	-	-	-	51,201.15
3320 Reservoirs, Dams & Waterways	1,409,316.45	70,753.20	-	-	-	-	-	1,480,069.65
3330 Water Wheels, Turbines & Gen	2,149,472.43	41,671.68	-	-	-	-	-	2,191,144.11
3340 Accessory Electric Equipment	1,309,670.92	14,462.16	-	-	-	-	-	1,324,133.08
3350 Miscellaneous Power Plant Equi	92,924.30	2,450.04	-	-	-	-	-	95,374.34
	<b>5,469,792.06</b>	<b>146,042.32</b>	-	-	-	-	-	<b>5,615,834.38</b>
<b>BOULDER LAKE RESERVOIR - PROJECT 23</b>								
3310 Structure & Improvements	2,121.29	22.20	-	-	-	-	-	2,143.49
3312 Structure & Improvements, Recr	137,434.93	3,332.16	-	-	-	-	-	140,767.09
3320 Reservoirs, Dams & Waterways	168,833.16	488.16	-	-	-	-	-	169,321.32
3322 Reservoirs, Dams & Water, Recr	1,330.03	9.00	-	-	-	-	-	1,339.03
3340 Accessory Electric Equipment	11,481.00	186.06	-	-	-	-	-	11,667.06
3360 Roads, Railroads And Bridges	6,799.75	126.06	-	-	-	-	-	6,925.81
	<b>328,000.16</b>	<b>4,163.64</b>	-	-	-	-	-	<b>332,163.80</b>
<b>CLOQUET AND ST LOUIS RVR GAG'G STA</b>								
3320 Reservoirs, Dams & Waterways	37,024.21	707.88	-	-	-	-	-	37,732.09
3340 Accessory Electric Equipment	27,963.34	606.60	-	-	-	-	-	28,569.94
	<b>64,987.55</b>	<b>1,314.48</b>	-	-	-	-	-	<b>66,302.03</b>
<b>FISH LAKE RESERVOIR - PROJECT 2360</b>								

## Minnesota Power: Reserve Balance

201801 - 201812

Utility Account	Beginning	Provision	Retirements	Cost of Removal	Salvage	Transfers & Adjustments	Gain / Loss	Ending Balance
	Balance							
3312 Structure & Improvements, Recr	9,773.54	734.04	-	-	-	-	-	10,507.58
3320 Reservoirs, Dams & Waterways	239,595.17	21,123.91	-	-	-	-	-	260,719.08
3322 Reservoirs, Dams & Water, Recr	1,656.37	13.56	-	-	-	-	-	1,669.93
3340 Accessory Electric Equipment	10,049.59	191.64	-	-	-	-	-	10,241.23
	<b>261,074.67</b>	<b>22,063.15</b>	-	-	-	-	-	<b>283,137.82</b>
<b>FOND DU LAC HE STA PROJECT 2360</b>								
3310 Structure & Improvements	511,843.53	6,880.56	-	-	-	-	-	518,724.09
3312 Structure & Improvements, Recr	16,032.68	194.40	-	-	-	-	-	16,227.08
3320 Reservoirs, Dams & Waterways	2,838,286.90	169,132.48	-	-	-	-	-	3,007,419.38
3330 Water Wheels, Turbines & Gen	229,159.77	98,165.52	-	-	-	-	-	327,325.29
3340 Accessory Electric Equipment	388,636.63	23,418.48	-	-	-	-	-	412,055.11
3350 Miscellaneous Power Plant Equi	26,334.85	2,332.62	-	-	-	-	-	28,667.47
3360 Roads, Railroads And Bridges	27,898.47	6,126.61	-	-	-	-	-	34,025.08
	<b>4,038,192.83</b>	<b>306,250.67</b>	-	-	-	-	-	<b>4,344,443.50</b>
<b>ISLAND LAKE RESERVOIR - PROJECT 236</b>								
3310 Structure & Improvements	18,019.56	1,853.16	-	-	-	-	-	19,872.72
3312 Structure & Improvements, Recr	287,884.81	17,357.88	-	-	-	-	-	305,242.69
3320 Reservoirs, Dams & Waterways	1,021,935.74	287,527.50	-	-	-	-	-	1,309,463.24
3322 Reservoirs, Dams & Water, Recr	4,171.62	27.72	-	-	-	-	-	4,199.34
3350 Miscellaneous Power Plant Equi	2,310.87	990.60	-	-	-	-	-	3,301.47
3360 Roads, Railroads And Bridges	2,185.29	17.64	-	-	-	-	-	#VALUE!
	<b>1,336,507.89</b>	<b>307,774.50</b>	-	-	-	-	-	<b>#VALUE!</b>
<b>KNIFE FALLS HE STATION - PROJECT 23</b>								
3310 Structure & Improvements	157,468.94	17,802.03	-	-	-	-	-	175,270.97
3312 Structure & Improvements, Recr	2,017.65	16.08	-	-	-	-	-	2,033.73
3320 Reservoirs, Dams & Waterways	816,925.23	32,378.69	-	-	-	-	-	849,303.92
3330 Water Wheels, Turbines & Gen	139,359.62	3,288.19	-	-	-	-	-	142,647.81
3340 Accessory Electric Equipment	740,452.87	3,549.54	-	-	-	-	-	744,002.41
3350 Miscellaneous Power Plant Equi	14,552.61	1,184.40	-	-	-	-	-	15,737.01
3360 Roads, Railroads And Bridges	436.68	0.48	-	-	-	-	-	437.16
	<b>1,871,213.60</b>	<b>58,219.41</b>	-	-	-	-	-	<b>1,929,433.01</b>
<b>LITTLE FALLS HE STATION - PROJECT 2</b>								
3310 Structure & Improvements	644,699.51	17,533.20	-	-	-	-	-	662,232.71
3312 Structure & Improvements, Recr	4,160.73	40.92	-	-	-	-	-	4,201.65
3320 Reservoirs, Dams & Waterways	1,316,012.21	124,359.48	-	-	-	-	-	1,440,371.69
3330 Water Wheels, Turbines & Gen	1,304,329.82	42,791.15	-	-	-	-	-	1,347,120.97
3340 Accessory Electric Equipment	719,214.11	17,342.04	(5,729.11)	(657.80)	-	-	-	730,169.24
3350 Miscellaneous Power Plant Equi	159,125.91	2,422.32	-	-	-	-	-	161,548.23
	<b>4,147,542.29</b>	<b>204,489.11</b>	<b>(5,729.11)</b>	<b>(657.80)</b>	-	-	-	<b>4,345,644.49</b>
<b>PILLAGER HE STATION - PROJECT 2663</b>								
3310 Structure & Improvements	85,301.65	1,449.60	-	-	-	-	-	86,751.25
3312 Structure & Improvements, Recr	9,205.49	77.88	-	-	-	-	-	9,283.37
3320 Reservoirs, Dams & Waterways	808,716.54	18,420.72	-	-	-	-	-	827,137.26
3330 Water Wheels, Turbines & Gen	210,823.93	1,045.99	(64,319.68)	-	-	-	-	147,550.24
3340 Accessory Electric Equipment	190,358.27	1,648.08	-	-	-	-	-	192,006.35
3350 Miscellaneous Power Plant Equi	12,592.92	8.04	-	-	-	-	-	12,600.96
3360 Roads, Railroads And Bridges	1,483.83	0.24	-	-	-	-	-	1,484.07
	<b>1,318,482.63</b>	<b>22,650.55</b>	<b>(64,319.68)</b>	-	-	-	-	<b>1,276,813.50</b>
<b>PRAIRIE RIVER HE STATION - MINOR PR</b>								
3310 Structure & Improvements	475,857.80	29,899.92	-	-	-	-	-	505,757.72
3312 Structure & Improvements, Recr	4,915.73	25.68	-	-	-	-	-	4,941.41
3320 Reservoirs, Dams & Waterways	419,167.36	12,492.72	-	-	-	-	-	431,660.08
3330 Water Wheels, Turbines & Gen	113,519.41	16,284.00	-	-	-	-	-	129,803.41
3340 Accessory Electric Equipment	21,547.87	18,911.28	-	-	-	-	-	40,459.15
3350 Miscellaneous Power Plant Equi	1,520.15	1,258.80	-	-	-	-	-	2,778.95
	<b>1,036,528.32</b>	<b>78,872.40</b>	-	-	-	-	-	<b>1,115,400.72</b>
<b>RICE LAKE RESERVOIR - PROJECT 2360</b>								
3312 Structure & Improvements, Recr	3,355.01	555.96	-	-	-	-	-	3,910.97
3320 Reservoirs, Dams & Waterways	47,021.69	2,716.44	-	-	-	-	-	49,738.13
3340 Accessory Electric Equipment	9,734.24	185.52	-	-	-	-	-	9,919.76
	<b>60,110.94</b>	<b>3,457.92</b>	-	-	-	-	-	<b>63,568.86</b>
<b>SCANLON HE STATION - PROJECT 2360</b>								
3310 Structure & Improvements	119,483.01	1,842.84	-	-	-	-	-	121,325.85
3312 Structure & Improvements, Recr	47,199.01	1,151.16	-	-	-	-	-	48,350.17

## Minnesota Power: Reserve Balance

201801 - 201812

Utility Account	Beginning		Retirements	Cost of Removal	Salvage	Transfers & Adjustments	Gain / Loss	Ending Balance
	Balance	Provision						
3320 Reservoirs, Dams & Waterways	481,861.41	39,357.34	-	-	-	-	-	521,218.75
3330 Water Wheels, Turbines & Gen	174,440.12	1,590.48	-	-	-	-	-	176,030.60
3340 Accessory Electric Equipment	650,315.92	4,045.14	-	-	-	-	-	654,361.06
3350 Miscellaneous Power Plant Equi	11,940.34	556.68	-	-	-	-	-	12,497.02
3360 Roads, Railroads And Bridges	13,895.87	71.22	-	-	-	-	-	13,967.09
	<b>1,499,135.68</b>	<b>48,614.86</b>	-	-	-	-	-	<b>1,547,750.54</b>
<b>SYLVAN HE STATION - PROJECT NO 2454</b>								
3310 Structure & Improvements	189,016.69	2,708.76	-	-	-	-	-	191,725.45
3312 Structure & Improvements, Recr	25,951.49	218.52	-	-	-	-	-	26,170.01
3320 Reservoirs, Dams & Waterways	947,732.76	11,603.28	-	-	-	-	-	959,336.04
3330 Water Wheels, Turbines & Gen	214,051.37	178.44	-	-	-	-	-	214,229.81
3340 Accessory Electric Equipment	163,425.05	307.20	-	-	-	-	-	163,732.25
3350 Miscellaneous Power Plant Equi	16,061.37	72.36	-	-	-	-	-	16,133.73
3360 Roads, Railroads And Bridges	1,974.52	-	-	-	-	-	-	1,974.52
	<b>1,558,213.25</b>	<b>15,088.56</b>	-	-	-	-	-	<b>1,573,301.81</b>
<b>THOMSON HE STATION - PROJECT 2360</b>								
3310 Structure & Improvements	878,806.21	163,031.82	(1,566.05)	(9,095.25)	-	-	-	1,031,176.73
3312 Structure & Improvements, Recr	26,141.86	575.76	-	-	-	-	-	26,717.62
3320 Reservoirs, Dams & Waterways	711,585.99	1,567,618.87	-	-	-	-	-	2,279,204.86
3322 Reservoirs, Dams & Water, Recr	230.35	1.68	-	-	-	-	-	232.03
3330 Water Wheels, Turbines & Gen	4,218,239.99	288,486.84	-	-	-	-	-	4,506,726.83
3340 Accessory Electric Equipment	35,632.17	221,734.93	-	-	-	-	-	257,367.10
3350 Miscellaneous Power Plant Equi	165,587.61	15,102.72	-	-	-	-	-	180,690.33
3360 Roads, Railroads And Bridges	20,812.99	1,506.00	-	-	-	-	-	22,318.99
	<b>6,057,037.17</b>	<b>2,258,058.62</b>	<b>(1,566.05)</b>	<b>(9,095.25)</b>	-	-	-	<b>8,304,434.49</b>
<b>WHITE IRON LAKE RESERVOIR - PROJECT</b>								
3320 Reservoirs, Dams & Waterways	3,094.08	66.24	-	-	-	-	-	3,160.32
3340 Accessory Electric Equipment	11,513.27	272.29	(6,687.10)	(187.49)	-	-	-	4,910.97
	<b>14,607.35</b>	<b>338.53</b>	<b>(6,687.10)</b>	<b>(187.49)</b>	-	-	-	<b>8,071.29</b>
<b>WHITEFACE RESERVOIR - PROJECT 2360</b>								
3312 Structure & Improvements, Recr	25,019.32	202.08	-	-	-	-	-	25,221.40
3320 Reservoirs, Dams & Waterways	589,098.42	17,612.94	(24,043.95)	(153,225.83)	-	-	-	429,441.58
3340 Accessory Electric Equipment	5,953.79	184.56	-	-	-	-	-	6,138.35
	<b>620,071.53</b>	<b>17,999.58</b>	<b>(24,043.95)</b>	<b>(153,225.83)</b>	-	-	-	<b>460,801.33</b>
<b>WINTON HE STATION - PROJECT 469</b>								
3310 Structure & Improvements	324,744.43	3,456.48	-	-	-	-	-	328,200.91
3312 Structure & Improvements, Recr	75,499.48	1,734.84	-	-	-	-	-	77,234.32
3320 Reservoirs, Dams & Waterways	1,131,674.39	20,219.98	-	-	-	-	-	1,151,894.37
3330 Water Wheels, Turbines & Gen	282,090.90	5,590.20	-	-	-	-	-	287,681.10
3340 Accessory Electric Equipment	637,938.31	28,780.56	-	-	-	-	-	666,718.87
3350 Miscellaneous Power Plant Equi	151,985.24	(1,505.64)	-	-	-	-	-	150,479.60
	<b>2,603,932.75</b>	<b>58,276.42</b>	-	-	-	-	-	<b>2,662,209.17</b>
<b>Hydro Summary</b>								
3310 Structure & Improvements	3,865,292.91	262,462.33	(1,566.05)	(9,095.25)	-	-	-	4,117,093.94
3312 Structure & Improvements, Recr	732,297.51	27,108.12	-	-	-	-	-	759,405.63
3320 Reservoirs, Dams & Waterways	13,031,762.46	2,472,680.35	(24,043.95)	(153,225.83)	-	-	-	15,327,173.03
3322 Reservoirs, Dams & Water, Recr	8,564.37	51.96	-	-	-	-	-	8,616.33
3330 Water Wheels, Turbines & Gen	9,035,487.36	499,092.49	(64,319.68)	-	-	-	-	9,470,260.17
3340 Accessory Electric Equipment	4,961,461.02	335,828.63	(20,242.21)	(1,032.78)	-	-	-	5,276,014.66
3350 Miscellaneous Power Plant Equi	654,936.17	24,872.94	-	-	-	-	-	679,809.11
3360 Roads, Railroads And Bridges	75,487.40	7,848.25	-	-	-	-	-	83,335.65
<b>Total Hydro</b>	<b>32,365,289.20</b>	<b>3,629,945.07</b>	<b>(110,171.89)</b>	<b>(163,353.86)</b>	-	-	-	<b>35,721,708.52</b>
<b>Bison 1A Wind</b>								
3410 Structures and Improvements	1,233,955.52	225,994.44	-	-	-	-	-	1,459,949.96
3440 Generators	14,414,751.06	1,927,502.43	-	-	-	-	-	16,342,253.49
3450 Accessory Electric Equipment	69,244.28	19,116.72	-	-	-	-	-	88,361.00
3460 Misc Power Plant Equipment	101,798.17	19,297.08	-	-	-	-	-	121,095.25
	<b>15,819,749.03</b>	<b>2,191,910.67</b>	-	-	-	-	-	<b>18,011,659.70</b>
<b>Bison 1B Wind</b>								
3410 Structures and Improvements	564,844.83	121,076.40	-	-	-	-	-	685,921.23
3440 Generators	9,631,297.64	1,929,763.56	-	-	-	-	-	11,561,061.20
3450 Accessory Electric Equipment	582,637.69	126,492.96	-	-	-	-	-	709,130.65
3460 Misc Power Plant Equipment	2,734.24	527.64	-	-	-	-	-	3,261.88

## Minnesota Power: Reserve Balance

201801 - 201812

Utility Account	Beginning Balance	Provision	Retirements	Cost of Removal	Salvage	Transfers & Adjustments	Gain / Loss	Ending Balance
<b>Bison 2 Wind</b>	<b>10,781,514.40</b>	<b>2,177,860.56</b>	-	-	-	-	-	<b>12,959,374.96</b>
3410 Structures and Improvements	1,766,389.59	264,389.04	-	-	-	-	-	2,030,778.63
3440 Generators	18,858,062.98	3,536,646.84	-	-	-	-	-	22,394,709.82
3450 Accessory Electric Equipment	2,131,204.09	391,708.68	-	-	-	-	-	2,522,912.77
3460 Misc Power Plant Equipment	217,927.12	67,973.52	-	-	-	-	-	285,900.64
	<b>22,973,583.78</b>	<b>4,260,718.08</b>	-	-	-	-	-	<b>27,234,301.86</b>
<b>Bison 3 Wind</b>								
3410 Structures and Improvements	1,389,823.60	262,682.64	-	-	-	-	-	1,652,506.24
3440 Generators	18,123,282.39	3,590,819.52	-	-	-	-	-	21,714,101.91
3450 Accessory Electric Equipment	2,094,386.72	427,671.60	-	-	-	-	-	2,522,058.32
	<b>21,607,492.71</b>	<b>4,281,173.76</b>	-	-	-	-	-	<b>25,888,666.47</b>
<b>Bison 4 Wind</b>								
3410 Structures and Improvements	1,123,443.97	461,580.84	-	-	-	-	-	1,585,024.81
3440 Generators	26,281,234.32	8,365,449.91	-	-	-	-	-	34,646,684.23
3450 Accessory Electric Equipment	1,055,711.71	444,964.20	-	-	-	-	-	1,500,675.91
	<b>28,460,390.00</b>	<b>9,271,994.95</b>	-	-	-	-	-	<b>37,732,384.95</b>
<b>Tac Ridge Wind</b>								
3410 Structures and Improvements	1,168,445.10	203,588.74	(15,654.82)	(1,111.41)	-	-	-	1,355,267.61
3440 Generators	4,735,388.82	1,442,119.26	(524,624.30)	(30,248.27)	-	-	-	5,622,635.51
3450 Accessory Electric Equipment	216,183.13	25,193.76	-	-	-	-	-	241,376.89
3460 Misc Power Plant Equipment	42,321.35	10,933.68	-	-	-	-	-	53,255.03
	<b>6,162,338.40</b>	<b>1,681,835.44</b>	<b>(540,279.12)</b>	<b>(31,359.68)</b>	-	-	-	<b>7,272,535.04</b>
<b>Wind Summary</b>								
3410 Structures and Improvements	7,246,902.61	1,539,312.10	(15,654.82)	(1,111.41)	-	-	-	8,769,448.48
3440 Generators	92,044,017.21	20,792,301.52	(524,624.30)	(30,248.27)	-	-	-	112,281,446.16
3450 Accessory Electric Equipment	6,149,367.62	1,435,147.92	-	-	-	-	-	7,584,515.54
3460 Misc Power Plant Equipment	364,780.88	98,731.92	-	-	-	-	-	463,512.80
<b>Total Wind</b>	<b>105,805,068.32</b>	<b>23,865,493.46</b>	<b>(540,279.12)</b>	<b>(31,359.68)</b>	-	-	-	<b>129,098,922.98</b>
<b>Community Solar Gardens</b>								
3415 Structures and Improvements	4,617.63	4,839.20	-	-	-	-	-	9,456.83
3445 Generators	-	3,467.13	-	-	-	-	-	3,467.13
	<b>4,617.63</b>	<b>8,306.33</b>	-	-	-	-	-	<b>12,923.96</b>
<b>Solar Summary</b>								
3415 Structures and Improvements	4,617.63	4,839.20	-	-	-	-	-	9,456.83
3445 Generators	-	3,467.13	-	-	-	-	-	3,467.13
<b>Total Solar</b>	<b>4,617.63</b>	<b>8,306.33</b>	-	-	-	-	-	<b>12,923.96</b>
<b>Total Generation</b>	<b>825,837,142.19</b>	<b>100,747,658.97</b>	<b>(114,542,468.41)</b>	<b>(1,520,817.22)</b>	<b>730,196.26</b>	<b>15,165,212.05</b>	-	<b>826,416,923.84</b>
<b>Structures &amp; Improvements, Aircraft</b>								
General Office Building	6,130,615.98	694,060.16	(1,094,828.23)	(188,067.57)	-	-	-	5,541,780.34
Herbert Service Center	6,321,826.69	481,507.04	(532,076.68)	(84,837.04)	-	-	-	6,186,420.01
Eveleth Service Center	3,331,276.28	163,905.74	(129,567.17)	(3,895.07)	-	-	-	3,361,719.78
Rowe Energy Control Center	2,261,955.72	208,398.73	(6,700.00)	(261.37)	-	-	-	2,463,393.08
Little Falls Service Center & DC Line Material Storage Facility	2,418,641.72	115,715.90	(87,865.67)	(71.39)	-	-	-	2,446,420.56
Cloquet Service Center	1,483,078.42	105,658.93	(382,301.12)	(17,530.41)	-	-	-	1,188,905.82
Park Rapids Service Center	1,069,825.15	83,875.90	(175,265.37)	-	-	-	-	978,435.68
Coleraine Service Center	1,015,103.21	59,703.08	(84,951.73)	(11,998.24)	-	-	-	977,856.32
Sandstone Service Center	964,368.21	43,053.69	(72,922.71)	(2,379.40)	-	-	-	932,119.79
Pine River Service Center	910,647.58	45,431.23	(108,931.71)	-	13,367.73	-	-	860,514.83
Crosby Service Center	909,660.26	46,095.16	(118,531.53)	-	-	-	-	837,223.89
International Falls Service Center	563,535.38	50,046.14	(52,157.60)	(14,493.57)	-	-	-	546,930.35
Miscellaneous	4,927,445.12	277,234.86	(2,662,931.99)	(641,085.80)	679,379.84	-	538,666.51	3,118,708.54
3900 Total Structures & Improvements	32,307,979.72	2,374,686.56	(5,509,031.51)	(964,619.86)	692,747.57	-	538,666.51	29,440,428.99
3928 Aircraft -Fixed Wing	3,034,142.63	-	(3,034,142.63)	-	-	-	-	-
<b>Total Structures &amp; Improvements, Aircraft</b>	<b>35,342,122.35</b>	<b>2,374,686.56</b>	<b>(8,543,174.14)</b>	<b>(964,619.86)</b>	<b>692,747.57</b>	-	<b>538,666.51</b>	<b>29,440,428.99</b>
<b>Total Generation, Structures &amp; Improvements, &amp; Aircraft</b>	<b>861,179,264.54</b>	<b>103,122,345.53</b>	<b>(123,085,642.55)</b>	<b>(2,485,437.08)</b>	<b>1,422,943.83</b>	<b>15,165,212.05</b>	<b>538,666.51</b>	<b>855,857,352.83</b>

Depreciation Expense  
Minnesota Power  
201801 - 201812

ALL FORMULAS EXCEPT LIFE AND SALVAGE RATE COLUMNS

Facility and Plant Account	Beginning Plant Balance	Ending Plant Balance	Average Plant Balances	Beginning Reserve	2018 Remaining Life	Salvage Rates	2018 Provision
<b>Boswell Common</b>							
3100 Land & Land Rights, Fee	4,295,713.93	4,415,260.10	4,355,487.02				
3110 Structure & Improvements	24,236,348.64	24,650,838.10	24,443,593.37	13,302,197.16	18.0	(3.95)%	674,505.94
3111 Structure & Improvements, Pollution	18,692,514.24	19,372,599.47	19,032,556.86	12,452,943.00	18.0	(3.95)%	427,175.07
3120 Boiler Plant Equipment	58,347,756.20	53,871,911.34	56,109,833.77	30,080,986.66	18.0	(3.95)%	1,658,914.12
3121 Boiler Plant Equipment, Pollution	76,646,037.21	73,270,280.07	74,958,158.64	37,497,276.33	18.0	(3.95)%	3,046,083.60
3140 Turbogenerator Units	1,057,687.06	1,046,513.51	1,052,100.29	909,789.76	18.0	(3.95)%	10,540.47
3141 Turbogenerator Units, Pollution	302,917.11	302,917.11	302,917.11	33,404.36	18.0	(3.95)%	15,703.35
3150 Accessory Elec Equipment	10,434,798.82	11,941,777.36	11,188,288.09	5,972,721.26	18.0	(3.95)%	273,327.33
3151 Accessory Elec Equipment, Pollution	2,288,983.73	2,288,983.73	2,288,983.73	1,999,704.37	18.0	(3.95)%	21,145.16
3160 Misc Power Pit Eq	5,006,498.72	4,511,296.86	4,758,897.79	2,857,179.33	18.0	(3.95)%	122,232.29
3161 Misc Power Pit Eq, Pollution	133.76	133.76	133.76	121.31	18.0	(3.95)%	0.80
	<b>201,309,389.42</b>	<b>195,672,511.41</b>	<b>198,490,950.43</b>	<b>105,106,323.54</b>			<b>6,249,628.13</b>
<b>Boswell Unit 1</b>							
3100 Land & Land Rights, Fee	59,858.35	-	29,929.18				
3110 Structure & Improvements	3,118,216.53	-	1,559,108.27	2,578,764.02	5.0	(16.08)%	201,612.65
3111 Structure & Improvements, Pollution	31,336.53	(0.00)	15,668.27	31,279.09	5.0	(16.08)%	929.72
3120 Boiler Plant Equipment	13,995,011.33	(0.00)	6,997,505.67	10,644,008.08	5.0	(16.08)%	1,097,544.15
3121 Boiler Plant Equipment, Pollution	12,550,600.52	-	6,275,300.26	7,559,243.74	5.0	(16.08)%	1,381,501.62
3140 Turbogenerator Units	8,329,877.36	-	4,164,938.68	6,679,277.65	5.0	(16.08)%	584,471.20
3141 Turbogenerator Units, Pollution	208,191.50	-	104,095.75	136,941.08	5.0	(16.08)%	20,573.96
3150 Accessory Elec Equipment	6,851,655.99	-	3,425,828.00	4,367,090.53	5.0	(16.08)%	703,024.43
3151 Accessory Elec Equipment, Pollution	236,766.85	-	118,383.43	144,249.66	5.0	(16.08)%	25,896.46
3160 Misc Power Pit Eq	-	-	-	(1,940.59)			388.08
	<b>45,381,514.96</b>	<b>(0.00)</b>	<b>22,690,757.51</b>	<b>32,138,913.26</b>			<b>4,015,942.27</b>
<b>Boswell Unit 2</b>							
3100 Land & Land Rights, Fee	59,687.82	-	29,843.91				
3110 Structure & Improvements	2,400,795.85	0.00	1,200,397.93	1,806,590.21	5.0	(18.06)%	72,226.50
3111 Structure & Improvements, Pollution	1,039.83	-	519.92	3,382.52	5.0	(18.06)%	(395.23)
3120 Boiler Plant Equipment	13,687,407.04	-	6,843,703.52	11,947,119.40	5.0	(18.06)%	681,609.58
3121 Boiler Plant Equipment, Pollution	11,490,757.08	-	5,745,378.54	5,988,313.01	5.0	(18.06)%	1,758,891.92
3140 Turbogenerator Units	8,776,763.58	-	4,388,381.79	7,139,634.99	5.0	(18.06)%	628,571.04
3141 Turbogenerator Units, Pollution	53,247.44	-	26,623.72	54,183.74	5.0	(18.06)%	1,582.62
3150 Accessory Elec Equipment	3,955,758.19	-	1,977,879.10	3,517,560.82	5.0	(18.06)%	210,704.71
3160 Misc Power Pit Eq	-	-	-	(528.47)			105.72
	<b>40,425,456.83</b>	<b>0.00</b>	<b>20,212,728.43</b>	<b>30,456,256.22</b>			<b>3,353,296.86</b>
<b>Boswell Unit 3</b>							
3100 Land & Land Rights, Fee	3,104,623.53	3,104,623.53	3,104,623.53				
3110 Structure & Improvements	21,659,413.22	21,340,741.56	21,500,077.39	10,053,829.96	18.0	(7.92)%	740,820.98
3111 Structure & Improvements, Pollution	19,558,786.06	19,558,786.06	19,558,786.06	7,618,171.06	18.0	(7.92)%	751,985.58
3120 Boiler Plant Equipment	88,950,676.87	90,691,534.64	89,821,105.76	45,562,877.93	18.0	(7.92)%	2,825,991.34
3121 Boiler Plant Equipment, Pollution	239,761,717.21	239,777,580.67	239,769,648.94	68,133,853.30	18.0	(7.92)%	10,893,029.51
3140 Turbogenerator Units	35,494,732.53	35,494,732.53	35,494,732.53	17,838,191.55	18.0	(7.92)%	1,132,032.38
3141 Turbogenerator Units, Pollution	5,224,114.69	5,224,114.69	5,224,114.69	2,310,010.14	18.0	(7.92)%	182,066.80
3150 Accessory Elec Equipment	35,637,408.32	35,636,652.71	35,637,030.52	12,184,369.50	18.0	(7.92)%	1,459,466.03
3151 Accessory Elec Equipment, Pollution	2,713,253.32	2,713,253.32	2,713,253.32	911,299.96	18.0	(7.92)%	112,424.05
3160 Misc Power Pit Eq	561,940.09	561,940.09	561,940.09	264,197.47	18.0	(7.92)%	19,079.53
	<b>452,666,665.84</b>	<b>454,103,959.80</b>	<b>453,385,312.83</b>	<b>164,876,800.87</b>			<b>18,116,896.20</b>
<b>Boswell Unit 4</b>							
3100 Land & Land Rights, Fee	2,583,971.28	2,583,971.28	2,583,971.28				
3110 Structure & Improvements	37,700,231.75	38,940,610.02	38,320,420.89	19,773,807.73	18.0	(7.42)%	1,224,456.46
3111 Structure & Improvements, Pollution	31,697,900.92	31,698,588.49	31,698,244.71	9,785,704.74	18.0	(7.42)%	1,350,105.07
3120 Boiler Plant Equipment	121,813,896.98	121,153,018.22	121,483,457.60	56,347,214.30	18.0	(7.42)%	4,134,944.16
3121 Boiler Plant Equipment, Pollution	264,073,159.59	264,146,076.19	264,109,617.89	42,705,416.98	18.0	(7.42)%	13,423,172.45
3140 Turbogenerator Units	57,217,170.62	57,288,633.34	57,252,901.98	18,422,352.47	18.0	(7.42)%	2,395,167.96
3141 Turbogenerator Units, Pollution	13,785,017.68	13,785,017.68	13,785,017.68	5,080,941.64	18.0	(7.42)%	537,559.91
3150 Accessory Elec Equipment	50,412,019.49	39,078,080.34	44,745,049.92	18,278,682.32	18.0	(7.42)%	1,896,756.57
3151 Accessory Elec Equipment, Pollution	18,627,728.46	12,431,691.01	15,529,709.74	11,085,267.42	18.0	(7.42)%	471,983.63
3160 Misc Power Pit Eq	994,089.12	994,089.12	994,089.12	451,757.22	18.0	(7.42)%	34,368.33
3161 Misc Power Pit Eq, Pollution	429,105.31	429,105.31	429,105.31	350,376.73	18.0	(7.42)%	6,172.99
	<b>599,334,291.20</b>	<b>582,528,881.00</b>	<b>590,931,586.12</b>	<b>182,281,521.55</b>			<b>25,474,687.53</b>
<b>Hibbard Renewable Energy Center</b>							
3100 Land & Land Rights, Fee	30,716.52	30,716.52	30,716.52				
3110 Structure & Improvements	5,460,726.31	5,460,726.31	5,460,726.31	2,945,276.51	12.0	(2.11)%	219,222.62
3111 Structure & Improvements, Pollution	227,445.71	227,445.71	227,445.71	29,038.53	12.0	(2.11)%	16,933.81

**Depreciation Expense  
Minnesota Power  
201801 - 201812**

ALL FORMULAS EXCEPT LIFE AND SALVAGE RATE COLUMNS

Facility and Plant Account	Beginning Plant Balance	Ending Plant Balance	Average Plant Balances	Beginning Reserve	2018 Remaining Life	Salvage Rates	2018 Provision
3120 Boiler Plant Equipment	55,843,664.09	55,780,554.56	55,812,109.33	34,453,320.97	12.0	(2.11)%	1,893,918.51
3121 Boiler Plant Equipment, Pollution	15,783,155.22	15,758,318.59	15,770,736.91	9,381,702.44	12.0	(2.11)%	563,815.63
3140 Turbogenerator Units	10,222,088.20	10,222,088.20	10,222,088.20	6,372,850.20	12.0	(2.11)%	338,743.56
3150 Accessory Elec Equipment	4,814,853.22	4,753,905.13	4,784,379.18	2,037,402.11	12.0	(2.11)%	240,678.52
3160 Misc Power Pit Eq	1,149,756.56	1,149,756.56	1,149,756.56	729,423.00	12.0	(2.11)%	37,049.45
	<b>93,532,405.83</b>	<b>93,383,511.58</b>	<b>93,457,958.72</b>	<b>55,949,013.76</b>			<b>3,310,362.10</b>
<b>Laskin</b>							
3100 Land & Land Rights, Fee	253,164.48	253,164.48	253,164.48				
3110 Structure & Improvements	6,373,609.56	6,460,685.96	6,417,147.76	5,536,687.23	13.0	(24.12)%	186,600.35
3111 Structure & Improvements, Pollution	4,755,003.86	4,755,003.86	4,755,003.86	3,011,031.87	13.0	(24.12)%	222,178.43
3120 Boiler Plant Equipment	37,915,506.71	37,870,741.99	37,893,124.35	21,522,653.82	13.0	(24.12)%	1,962,770.96
3121 Boiler Plant Equipment, Pollution	8,079,608.55	8,106,617.30	8,093,112.93	4,517,976.81	13.0	(24.12)%	424,583.78
3140 Turbogenerator Units	11,001,101.97	11,001,101.97	11,001,101.97	9,520,904.18	13.0	(24.12)%	317,518.55
3141 Turbogenerator Units, Pollution	119,200.85	119,200.85	119,200.85	70,256.44	13.0	(24.12)%	6,285.43
3150 Accessory Elec Equipment	4,888,367.86	4,888,367.86	4,888,367.86	3,633,324.56	13.0	(24.12)%	187,037.28
3151 Accessory Elec Equipment, Pollution	529,155.42	529,155.42	529,155.42	543,922.88	13.0	(24.12)%	10,052.86
3160 Misc Power Pit Eq	1,242,389.96	974,603.26	1,108,496.61	969,252.56	13.0	(24.12)%	31,853.32
3161 Misc Power Pit Eq, Pollution	18,035.02	18,035.02	18,035.02	19,637.91	13.0	(24.12)%	257.97
	<b>75,175,144.24</b>	<b>74,976,677.97</b>	<b>75,075,911.11</b>	<b>49,345,648.26</b>			<b>3,349,138.93</b>
<b>Taconite Harbor</b>							
3100 Land & Land Rights, Fee	143,350.45	143,350.45	143,350.45				
3110 Structure & Improvements	11,420,956.80	11,420,956.80	11,420,956.80	5,994,958.55	9.0	(7.23)%	694,636.93
3111 Structure & Improvements, Pollution	5,362,474.10	5,362,474.10	5,362,474.10	3,131,984.04	9.0	(7.23)%	290,910.72
3120 Boiler Plant Equipment	30,628,504.69	30,628,504.69	30,628,504.69	11,384,367.66	9.0	(7.23)%	2,384,286.36
3121 Boiler Plant Equipment, Pollution	65,308,102.87	65,309,406.09	65,308,754.48	35,074,082.97	9.0	(7.23)%	3,843,792.02
3140 Turbogenerator Units	12,621,320.33	12,621,320.33	12,621,320.33	4,850,444.40	9.0	(7.23)%	964,821.90
3141 Turbogenerator Units, Pollution	438,677.56	438,677.56	438,677.56	207,526.57	9.0	(7.23)%	29,207.46
3150 Accessory Elec Equipment	10,875,743.80	10,875,743.80	10,875,743.80	4,109,915.83	9.0	(7.23)%	839,127.12
3151 Accessory Elec Equipment, Pollution	4,225,162.79	4,225,162.79	4,225,162.79	2,112,312.62	9.0	(7.23)%	268,703.28
3160 Misc Power Pit Eq	1,093,235.91	1,080,821.23	1,087,028.57	642,096.94	9.0	(7.23)%	58,476.30
	<b>142,117,529.30</b>	<b>142,106,417.84</b>	<b>142,111,973.57</b>	<b>67,507,689.58</b>			<b>9,373,962.09</b>
<b>Steam Summary</b>							
3100 Land & Land Rights, Fee	10,531,086.36	10,531,086.36	10,531,086.36				
3110 Structure & Improvements	112,370,298.66	108,274,558.75	110,322,428.72	61,992,111.37			4,014,082.43
3111 Structure & Improvements, Pollution	80,326,501.25	80,974,897.69	80,650,699.49	36,063,534.85			3,059,823.17
3120 Boiler Plant Equipment	421,182,423.91	389,996,265.44	405,589,344.69	221,942,548.82			16,639,979.18
3121 Boiler Plant Equipment, Pollution	693,693,138.25	666,368,278.91	680,030,708.59	210,857,865.58			35,334,870.53
3140 Turbogenerator Units	144,720,741.65	127,674,389.88	136,197,565.77	71,733,445.20			6,371,867.06
3141 Turbogenerator Units, Pollution	20,131,366.83	19,869,927.89	20,000,647.36	7,893,263.97			792,979.53
3150 Accessory Elec Equipment	127,870,605.69	107,174,527.20	117,522,566.47	54,101,066.93			5,810,121.99
3151 Accessory Elec Equipment, Pollution	28,621,050.57	22,188,246.27	25,404,648.43	16,796,756.91			910,205.44
3160 Misc Power Pit Eq	10,047,910.36	9,272,507.12	9,660,208.74	5,911,437.46			303,553.02
3161 Misc Power Pit Eq, Pollution	447,274.09	447,274.09	447,274.09	370,135.95			6,431.76
<b>Total Steam</b>	<b>1,649,942,397.62</b>	<b>1,542,771,959.60</b>	<b>1,596,357,178.72</b>	<b>687,662,167.04</b>			<b>73,243,914.11</b>
<b>BIRCH LAKE RESERVOIR - PROJECT 469</b>							
3300 Land & Land Rights, Fee	1,556.25	1,556.25	1,556.25				
3305 Land & Land Rights, Easements	232.79	232.79	232.79		46.0		
3307 Land & Land Rights-Recr, Easem	381.50	381.50	381.50		46.0		
3312 Structure & Improvements, Recr	14,922.38	14,922.38	14,922.38	7,228.11	46.0		167.28
3320 Reservoirs, Dams & Waterways	3,544,504.59	3,544,504.59	3,544,504.59	43,880.75	46.0		76,100.52
3322 Reservoirs, Dams & Water, Recr	1,176.00	1,176.00	1,176.00	1,176.00	46.0		-
3340 Accessory Electric Equipment	27,573.67	19,747.67	23,660.67	27,573.67	46.0		2.55
	<b>3,590,347.18</b>	<b>3,582,521.18</b>	<b>3,586,434.18</b>	<b>79,858.53</b>			<b>76,270.35</b>
<b>BLANCHARD HE STATION - PROJECT 346</b>							
3300 Land & Land Rights, Fee	56,631.61	56,631.61	56,631.61				
3302 Land & Land Rights-Recr, Fee	2,018.12	2,018.12	2,018.12		46.0		
3305 Land & Land Rights, Easements	75,807.00	75,807.00	75,807.00		46.0		
3310 Structure & Improvements	926,266.63	3,007,858.67	1,967,062.65	457,930.29	46.0		15,981.76
3312 Structure & Improvements, Recr	83,759.38	83,759.38	83,759.38	50,477.67	46.0		723.48
3320 Reservoirs, Dams & Waterways	4,663,964.46	4,663,964.46	4,663,964.46	1,409,316.45	46.0		70,753.20
3330 Water Wheels, Turbines & Gen	4,066,370.35	4,066,370.35	4,066,370.35	2,149,472.43	46.0		41,671.68
3340 Accessory Electric Equipment	1,974,930.43	1,974,930.43	1,974,930.43	1,309,670.92	46.0		14,462.16
3350 Miscellaneous Power Plant Equi	205,627.84	205,627.84	205,627.84	92,924.30	46.0		2,450.04

Depreciation Expense  
Minnesota Power  
201801 - 201812

ALL FORMULAS EXCEPT LIFE AND SALVAGE RATE COLUMNS

Facility and Plant Account	Beginning Plant Balance	Ending Plant Balance	Average Plant Balances	Beginning Reserve	2018 Remaining Life	Salvage Rates	2018 Provision
<b>BOULDER LAKE RESERVOIR - PROJECT 23</b>	<b>12,055,375.82</b>	<b>14,136,967.86</b>	<b>13,096,171.84</b>	<b>5,469,792.06</b>			<b>146,042.32</b>
3300 Land & Land Rights, Fee	82,749.91	82,749.91	82,749.91				
3302 Land & Land Rights-Recr, Fee	130.73	130.73	130.73			46.0	
3305 Land & Land Rights, Easements	3,682.00	3,682.00	3,682.00			46.0	
3310 Structure & Improvements	3,142.11	3,142.11	3,142.11	2,121.29		46.0	22.20
3312 Structure & Improvements, Recr	290,715.46	290,715.46	290,715.46	137,434.93		46.0	3,332.16
3320 Reservoirs, Dams & Waterways	191,288.68	191,288.68	191,288.68	168,833.16		46.0	488.16
3322 Reservoirs, Dams & Water, Recr	1,745.39	1,745.39	1,745.39	1,330.03		46.0	9.00
3340 Accessory Electric Equipment	20,039.76	20,039.76	20,039.76	11,481.00		46.0	186.06
3360 Roads, Railroads And Bridges	12,598.51	12,598.51	12,598.51	6,799.75		46.0	126.06
	<b>606,092.55</b>	<b>606,092.55</b>	<b>606,092.55</b>	<b>328,000.16</b>			<b>4,163.64</b>
<b>CLOQUET AND ST LOUIS RVR GAG'G STA</b>							
3300 Land & Land Rights, Fee	2,068.21	2,068.21	2,068.21				
3320 Reservoirs, Dams & Waterways	69,586.38	69,586.38	69,586.38	37,024.21		46.0	707.88
3340 Accessory Electric Equipment	55,864.48	55,864.48	55,864.48	27,963.34		46.0	606.60
	<b>127,519.07</b>	<b>127,519.07</b>	<b>127,519.07</b>	<b>64,987.55</b>			<b>1,314.48</b>
<b>FISH LAKE RESERVOIR - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	43,203.60	43,203.60	43,203.60				
3302 Land & Land Rights-Recr, Fee	86.24	86.24	86.24				
3305 Land & Land Rights, Easements	19,193.38	19,193.38	19,193.38				
3312 Structure & Improvements, Recr	43,537.22	43,537.22	43,537.22	9,773.54		46.0	734.04
3320 Reservoirs, Dams & Waterways	1,209,718.81	1,211,388.69	1,210,553.75	239,595.17		46.0	21,123.91
3322 Reservoirs, Dams & Water, Recr	2,278.05	2,278.05	2,278.05	1,656.37		46.0	13.56
3340 Accessory Electric Equipment	18,864.63	18,864.63	18,864.63	10,049.59		46.0	191.64
	<b>1,336,881.93</b>	<b>1,338,551.81</b>	<b>1,337,716.87</b>	<b>261,074.67</b>			<b>22,063.15</b>
<b>FOND DU LAC HE STA PROJECT 2360</b>							
3300 Land & Land Rights, Fee	874,753.53	874,753.53	874,753.53				
3310 Structure & Improvements	828,352.56	828,352.56	828,352.56	511,843.53		46.0	6,880.56
3312 Structure & Improvements, Recr	24,973.68	24,973.68	24,973.68	16,032.68		46.0	194.40
3320 Reservoirs, Dams & Waterways	10,590,004.78	10,809,970.39	10,699,987.59	2,838,286.90		46.0	169,132.48
3330 Water Wheels, Turbines & Gen	4,744,773.40	4,744,773.40	4,744,773.40	229,159.77		46.0	98,165.52
3340 Accessory Electric Equipment	1,465,885.98	1,465,885.98	1,465,885.98	388,636.63		46.0	23,418.48
3350 Miscellaneous Power Plant Equi	133,635.37	133,635.37	133,635.37	26,334.85		46.0	2,332.62
3360 Roads, Railroads And Bridges	309,733.16	309,483.06	309,608.11	27,898.47		46.0	6,126.61
	<b>18,972,112.46</b>	<b>19,191,827.97</b>	<b>19,081,970.22</b>	<b>4,038,192.83</b>			<b>306,250.67</b>
<b>ISLAND LAKE RESERVOIR - PROJECT 236</b>							
3300 Land & Land Rights, Fee	245,752.63	245,752.63	245,752.63				
3301 Land & Land Rights-Fish, Fee	588.76	588.76	588.76				
3302 Land & Land Rights-Recr, Fee	1,831.33	1,831.33	1,831.33				
3305 Land & Land Rights, Easements	70,314.04	70,314.04	70,314.04				
3307 Land & Land Rights-Recr, Easem	500.00	500.00	500.00				
3310 Structure & Improvements	103,263.73	103,263.73	103,263.73	18,019.56		46.0	1,853.16
3312 Structure & Improvements, Recr	1,086,348.88	1,086,348.88	1,086,348.88	287,884.81		46.0	17,357.88
3320 Reservoirs, Dams & Waterways	14,088,500.89	14,363,788.55	14,226,144.72	1,021,935.74		46.0	287,527.50
3322 Reservoirs, Dams & Water, Recr	5,448.42	5,448.42	5,448.42	4,171.62		46.0	27.72
3350 Miscellaneous Power Plant Equi	47,879.44	47,879.44	47,879.44	2,310.87		46.0	990.60
3360 Roads, Railroads And Bridges	2,996.41	2,996.41	2,996.41	2,185.29		46.0	17.64
	<b>15,653,424.53</b>	<b>15,928,712.19</b>	<b>15,791,068.36</b>	<b>1,336,507.89</b>			<b>307,774.50</b>
<b>KNIFE FALLS HE STATION - PROJECT 23</b>							
3300 Land & Land Rights, Fee	3,779.70	3,779.70	3,779.70				
3305 Land & Land Rights, Easements	34,453.54	34,453.54	34,453.54				
3310 Structure & Improvements	940,214.33	957,496.79	948,855.56	157,468.94		46.0	17,802.03
3312 Structure & Improvements, Recr	2,759.52	2,759.52	2,759.52	2,017.65		46.0	16.08
3320 Reservoirs, Dams & Waterways	2,294,296.66	2,300,057.49	2,297,177.08	816,925.23		46.0	32,378.69
3330 Water Wheels, Turbines & Gen	290,616.45	290,616.45	290,616.45	139,359.62		46.0	3,288.19
3340 Accessory Electric Equipment	903,730.37	903,730.37	903,730.37	740,452.87		46.0	3,549.54
3350 Miscellaneous Power Plant Equi	69,034.30	69,034.30	69,034.30	14,552.61		46.0	1,184.40
3360 Roads, Railroads And Bridges	457.30	457.30	457.30	436.68		46.0	0.48
	<b>4,539,342.17</b>	<b>4,562,385.46</b>	<b>4,550,863.82</b>	<b>1,871,213.60</b>			<b>58,219.41</b>
<b>LITTLE FALLS HE STATION - PROJECT 2</b>							
3300 Land & Land Rights, Fee	182,693.08	182,693.08	182,693.08				
3305 Land & Land Rights, Easements	21,429.84	21,429.84	21,429.84				
3310 Structure & Improvements	1,451,221.93	1,451,221.93	1,451,221.93	644,699.51		46.0	17,533.20
3312 Structure & Improvements, Recr	6,042.41	6,042.41	6,042.41	4,160.73		46.0	40.92

**Depreciation Expense  
Minnesota Power  
201801 - 201812**

ALL FORMULAS EXCEPT LIFE AND SALVAGE RATE COLUMNS

Facility and Plant Account	Beginning Plant Balance	Ending Plant Balance	Average Plant Balances	Beginning Reserve	2018 Remaining Life	Salvage Rates	2018 Provision
3320 Reservoirs, Dams & Waterways	7,036,548.65	7,036,548.65	7,036,548.65	1,316,012.21	46.0		124,359.48
3330 Water Wheels, Turbines & Gen	3,272,720.36	3,272,720.36	3,272,720.36	1,304,329.82	46.0		42,791.15
3340 Accessory Electric Equipment	1,176,861.25	1,525,074.25	1,350,967.75	719,214.11	46.0		17,342.04
3350 Miscellaneous Power Plant Equi	270,552.23	270,552.23	270,552.23	159,125.91	46.0		2,422.32
	<b>13,418,069.75</b>	<b>13,766,282.75</b>	<b>13,592,176.25</b>	<b>4,147,542.29</b>			<b>204,489.11</b>
<b>MISC OPERATING LANDS</b>							
3300 Land & Land Rights, Fee	64,603.84	64,603.84	64,603.84				
3305 Land & Land Rights, Easements	503,338.43	503,338.43	503,338.43				
	<b>567,942.27</b>	<b>567,942.27</b>	<b>567,942.27</b>				
<b>PILLAGER HE STATION - PROJECT 2663</b>							
3300 Land & Land Rights, Fee	61,067.17	61,067.17	61,067.17				
3305 Land & Land Rights, Easements	68,003.91	68,003.91	68,003.91				
3310 Structure & Improvements	151,986.84	151,986.84	151,986.84	85,301.65	46.0		1,449.60
3312 Structure & Improvements, Recr	12,789.11	12,789.11	12,789.11	9,205.49	46.0		77.88
3320 Reservoirs, Dams & Waterways	1,656,072.01	1,656,072.01	1,656,072.01	808,716.54	46.0		18,420.72
3330 Water Wheels, Turbines & Gen	265,439.57	194,360.89	229,900.23	210,823.93	46.0		1,045.99
3340 Accessory Electric Equipment	266,171.82	266,171.82	266,171.82	190,358.27	46.0		1,648.08
3350 Miscellaneous Power Plant Equi	12,960.27	12,960.27	12,960.27	12,592.92	46.0		8.04
3360 Roads, Railroads And Bridges	1,497.48	1,497.48	1,497.48	1,483.83	46.0		0.24
	<b>2,495,988.18</b>	<b>2,424,909.50</b>	<b>2,460,448.84</b>	<b>1,318,482.63</b>			<b>22,650.55</b>
<b>PRAIRIE RIVER HE STATION - MINOR PR</b>							
3300 Land & Land Rights, Fee	1,031.76	1,031.76	1,031.76				
3310 Structure & Improvements	1,851,254.92	1,851,254.92	1,851,254.92	475,857.80	46.0		29,899.92
3312 Structure & Improvements, Recr	6,098.46	6,098.46	6,098.46	4,915.73	46.0		25.68
3320 Reservoirs, Dams & Waterways	993,835.97	993,835.97	993,835.97	419,167.36	46.0		12,492.72
3330 Water Wheels, Turbines & Gen	862,581.73	862,581.73	862,581.73	113,519.41	46.0		16,284.00
3340 Accessory Electric Equipment	891,463.10	891,463.10	891,463.10	21,547.87	46.0		18,911.28
3350 Miscellaneous Power Plant Equi	59,425.40	59,425.40	59,425.40	1,520.15	46.0		1,258.80
	<b>4,665,691.34</b>	<b>4,665,691.34</b>	<b>4,665,691.34</b>	<b>1,036,528.32</b>			<b>78,872.40</b>
<b>RICE LAKE RESERVOIR - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	13,319.62	13,319.62	13,319.62				
3305 Land & Land Rights, Easements	6,359.61	6,359.61	6,359.61				
3312 Structure & Improvements, Recr	28,927.23	28,927.23	28,927.23	3,355.01	46.0		555.96
3320 Reservoirs, Dams & Waterways	171,979.48	171,979.48	171,979.48	47,021.69	46.0		2,716.44
3340 Accessory Electric Equipment	18,269.12	18,269.12	18,269.12	9,734.24	46.0		185.52
	<b>238,855.06</b>	<b>238,855.06</b>	<b>238,855.06</b>	<b>60,110.94</b>			<b>3,457.92</b>
<b>SCANLON HE STATION - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	16,283.77	16,283.77	16,283.77				
3305 Land & Land Rights, Easements	500.00	500.00	500.00				
3310 Structure & Improvements	204,251.14	204,251.14	204,251.14	119,483.01	46.0		1,842.84
3312 Structure & Improvements, Recr	100,152.33	100,152.33	100,152.33	47,199.01	46.0		1,151.16
3320 Reservoirs, Dams & Waterways	2,304,705.09	2,291,769.64	2,298,237.37	481,861.41	46.0		39,357.34
3330 Water Wheels, Turbines & Gen	247,600.94	247,600.94	247,600.94	174,440.12	46.0		1,590.48
3340 Accessory Electric Equipment	836,394.80	836,394.80	836,394.80	650,315.92	46.0		4,045.14
3350 Miscellaneous Power Plant Equi	37,548.82	37,548.82	37,548.82	11,940.34	46.0		556.68
3360 Roads, Railroads And Bridges	17,171.99	17,171.99	17,171.99	13,895.87	46.0		71.22
	<b>3,764,608.88</b>	<b>3,751,673.43</b>	<b>3,758,141.16</b>	<b>1,499,135.68</b>			<b>48,614.86</b>
<b>SYLVAN HE STATION - PROJECT NO 2454</b>							
3300 Land & Land Rights, Fee	103,210.35	103,210.35	103,210.35				
3305 Land & Land Rights, Easements	17,118.86	17,118.86	17,118.86				
3310 Structure & Improvements	313,620.63	313,620.63	313,620.63	189,016.69	46.0		2,708.76
3312 Structure & Improvements, Recr	36,001.73	36,001.73	36,001.73	25,951.49	46.0		218.52
3320 Reservoirs, Dams & Waterways	1,481,483.13	1,481,483.13	1,481,483.13	947,732.76	46.0		11,603.28
3330 Water Wheels, Turbines & Gen	222,259.37	222,259.37	222,259.37	214,051.37	46.0		178.44
3340 Accessory Electric Equipment	177,557.69	177,557.69	177,557.69	163,425.05	46.0		307.20
3350 Miscellaneous Power Plant Equi	19,391.61	19,391.61	19,391.61	16,061.37	46.0		72.36
3360 Roads, Railroads And Bridges	1,974.52	1,974.52	1,974.52	1,974.52	46.0		-
	<b>2,372,617.89</b>	<b>2,372,617.89</b>	<b>2,372,617.89</b>	<b>1,558,213.25</b>			<b>15,088.56</b>
<b>THOMSON HE STATION - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	332,449.65	332,449.65	332,449.65				
3305 Land & Land Rights, Easements	394.59	394.59	394.59				
3310 Structure & Improvements	8,369,760.72	8,368,762.63	8,368,762.63	878,806.21	46.0		163,031.82
3312 Structure & Improvements, Recr	52,627.95	52,627.95	52,627.95	26,141.86	46.0		575.76
3320 Reservoirs, Dams & Waterways	71,943,884.05	74,797,480.38	73,370,682.22	711,585.99	46.0		1,567,618.87
3322 Reservoirs, Dams & Water, Recr	305.38	305.38	305.38	230.35	46.0		1.68



Depreciation Expense  
Minnesota Power  
201801 - 201812

ALL FORMULAS EXCEPT LIFE AND SALVAGE RATE COLUMNS

Facility and Plant Account	Beginning Plant Balance	Ending Plant Balance	Average Plant Balances	Beginning Reserve	2018 Remaining Life	Salvage Rates	2018 Provision
3330 Water Wheels, Turbines & Gen	17,494,846.57	17,446,092.56	17,470,469.57	4,218,239.99	46.0		288,486.84
3340 Accessory Electric Equipment	10,238,493.10	10,197,698.99	10,218,096.05	35,632.17	46.0		221,734.93
3350 Miscellaneous Power Plant Equi	860,312.85	860,312.85	860,312.85	165,587.61	46.0		15,102.72
3360 Roads, Railroads And Bridges	90,090.36	90,090.36	90,090.36	20,812.99	46.0		1,506.00
	<b>109,383,165.22</b>	<b>112,145,217.25</b>	<b>110,764,191.25</b>	<b>6,057,037.17</b>			<b>2,258,058.62</b>
<b>WHITE IRON LAKE RESERVOIR - PROJECT</b>							
3305 Land & Land Rights, Easements	349.88	349.88	349.88				
3320 Reservoirs, Dams & Waterways	6,141.88	6,141.88	6,141.88	3,094.08	46.0		66.24
3340 Accessory Electric Equipment	26,721.84	16,105.38	21,413.61	11,513.27	46.0		272.29
	<b>33,213.60</b>	<b>22,597.14</b>	<b>27,905.37</b>	<b>14,607.35</b>			<b>338.53</b>
<b>WHITEFACE RESERVOIR - PROJECT 2360</b>							
3300 Land & Land Rights, Fee	43,073.87	43,073.87	43,073.87				
3305 Land & Land Rights, Easements	94,923.20	94,923.20	94,923.20				
3312 Structure & Improvements, Recr	34,312.69	34,312.69	34,312.69	25,019.32	46.0		202.08
3320 Reservoirs, Dams & Waterways	1,246,611.83	1,261,335.36	1,253,973.60	589,098.42	46.0		17,612.94
3340 Accessory Electric Equipment	14,446.85	14,446.85	14,446.85	5,953.79	46.0		184.56
	<b>1,433,368.44</b>	<b>1,448,091.97</b>	<b>1,440,730.21</b>	<b>620,071.53</b>			<b>17,999.58</b>
<b>WINTON HE STATION - PROJECT 469</b>							
3300 Land & Land Rights, Fee	106,603.64	106,603.64	106,603.64				
3302 Land & Land Rights-Recr, Fee	1,797.73	1,797.73	1,797.73				
3305 Land & Land Rights, Easements	210,170.75	210,170.75	210,170.75				
3310 Structure & Improvements	483,747.14	483,747.14	483,747.14	324,744.43	46.0		3,456.48
3312 Structure & Improvements, Recr	155,301.29	155,301.29	155,301.29	75,499.48	46.0		1,734.84
3320 Reservoirs, Dams & Waterways	1,938,936.94	2,354,280.91	2,146,608.93	1,131,674.39	46.0		20,219.98
3330 Water Wheels, Turbines & Gen	539,240.51	539,240.51	539,240.51	282,090.90	46.0		5,590.20
3340 Accessory Electric Equipment	1,961,841.96	1,961,841.96	1,961,841.96	637,938.31	46.0		28,780.56
3350 Miscellaneous Power Plant Equi	82,729.13	82,729.13	82,729.13	151,985.24	46.0		(1,505.64)
	<b>5,480,369.09</b>	<b>5,895,713.06</b>	<b>5,688,041.08</b>	<b>2,603,932.75</b>			<b>58,276.42</b>
<b>Hydro Summary</b>							
3300 Land & Land Rights, Fee	2,234,832.19	2,234,832.19	2,234,832.19	-			-
3301 Land & Land Rights-Fish, Fee	588.76	588.76	588.76	-			-
3302 Land & Land Rights-Recr, Fee	5,864.15	5,864.15	5,864.15	-			-
3305 Land & Land Rights, Easements	1,126,271.82	1,126,271.82	1,126,271.82	-			-
3307 Land & Land Rights-Recr, Easem	881.50	881.50	881.50	-			-
3310 Structure & Improvements	15,627,082.68	17,723,961.00	16,675,521.84	3,865,292.91			262,462.33
3312 Structure & Improvements, Recr	1,979,269.72	1,979,269.72	1,979,269.72	732,297.51			27,108.12
3320 Reservoirs, Dams & Waterways	125,432,064.28	129,205,476.64	127,318,770.49	13,031,762.46			2,472,680.35
3322 Reservoirs, Dams & Water, Recr	10,953.24	10,953.24	10,953.24	8,564.37			51.96
3330 Water Wheels, Turbines & Gen	32,006,449.25	31,886,616.56	31,946,532.91	9,035,487.36			499,092.49
3340 Accessory Electric Equipment	20,075,110.85	20,364,087.28	20,219,599.07	4,961,461.02			335,828.63
3350 Miscellaneous Power Plant Equi	1,799,097.26	1,799,097.26	1,799,097.26	654,936.17			24,872.94
3360 Roads, Railroads And Bridges	436,519.73	436,269.63	436,394.68	75,487.40			7,848.25
<b>Total Hydro</b>	<b>200,734,985.43</b>	<b>206,774,169.75</b>	<b>203,754,577.63</b>	<b>32,365,289.20</b>			<b>3,629,945.07</b>
<b>Bison 1A Wind</b>							
3410 Structures and Improvements	7,471,983.68	7,471,983.68	7,471,983.68	1,233,955.52	27.9	(0.95)%	225,994.44
3440 Generators	67,565,653.48	67,948,884.51	67,757,269.00	14,414,751.06	27.9	(0.95)%	1,927,502.43
3450 Accessory Electric Equipment	652,477.19	652,477.19	652,477.19	69,244.28	27.9	(0.95)%	19,116.72
3460 Misc Power Plant Equipment	641,916.83	641,916.83	641,916.83	101,798.17	27.9	(0.95)%	19,297.08
	<b>76,332,031.18</b>	<b>76,715,262.21</b>	<b>76,523,646.70</b>	<b>15,819,749.03</b>			<b>2,191,910.67</b>
<b>Bison 1B Wind</b>							
3400 Land and Land Rights	380,982.94	380,982.94	380,982.94				
3410 Structures and Improvements	4,038,502.21	4,038,502.21	4,038,502.21	564,844.83	29.0	(0.93)%	121,076.40
3440 Generators	64,990,031.86	64,990,031.86	64,990,031.86	9,631,297.64	29.0	(0.93)%	1,929,763.56
3450 Accessory Electric Equipment	4,211,765.27	4,211,765.27	4,211,765.27	582,637.69	29.0	(0.93)%	126,492.96
3460 Misc Power Plant Equipment	17,868.66	17,868.66	17,868.66	2,734.24	29.0	(0.93)%	527.64
	<b>73,639,150.94</b>	<b>73,639,150.94</b>	<b>73,639,150.94</b>	<b>10,781,514.40</b>			<b>2,177,860.56</b>
<b>Bison 2 Wind</b>							
3400 Land and Land Rights	267,122.03	267,122.03	267,122.03				
3410 Structures and Improvements	9,664,236.74	9,664,236.74	9,664,236.74	1,766,389.59	30.0	(0.35)%	264,389.04
3440 Generators	124,521,645.05	124,521,645.05	124,521,645.05	18,858,062.98	30.0	(0.35)%	3,536,646.84
3450 Accessory Electric Equipment	13,834,046.10	13,834,046.10	13,834,046.10	2,131,204.09	30.0	(0.35)%	391,708.68
3460 Misc Power Plant Equipment	2,249,258.65	2,249,258.65	2,249,258.65	217,927.12	30.0	(0.35)%	67,973.52
	<b>150,536,308.57</b>	<b>150,536,308.57</b>	<b>150,536,308.57</b>	<b>22,973,583.78</b>			<b>4,260,718.08</b>
<b>Bison 3 Wind</b>							

**Depreciation Expense  
Minnesota Power  
201801 - 201812**

ALL FORMULAS EXCEPT LIFE AND SALVAGE RATE COLUMNS

Facility and Plant Account	Beginning Plant Balance	Ending Plant Balance	Average Plant Balances	Beginning Reserve	2018 Remaining Life	Salvage Rates	2018 Provision
3400 Land and Land Rights	191,651.62	191,651.62	191,651.62				
3410 Structures and Improvements	9,231,530.40	9,231,530.40	9,231,530.40	1,389,823.60	30.0	(0.42)%	262,682.64
3440 Generators	125,321,516.79	125,321,516.79	125,321,516.79	18,123,282.39	30.0	(0.42)%	3,590,819.52
3450 Accessory Electric Equipment	14,862,112.92	14,862,112.92	14,862,112.92	2,094,386.72	30.0	(0.42)%	427,671.60
	<b>149,606,811.73</b>	<b>149,606,811.73</b>	<b>149,606,811.73</b>	<b>21,607,492.71</b>			<b>4,281,173.76</b>
<b>Bison 4 Wind</b>							
3400 Land and Land Rights	642,161.12	642,169.90	642,165.51				
3410 Structures and Improvements	15,898,705.32	15,898,889.46	15,898,797.39	1,123,443.97	32.0	0.03 %	461,580.84
3440 Generators	294,062,660.98	294,065,011.36	294,063,836.17	26,281,234.32	32.0	0.03 %	8,365,449.91
3450 Accessory Electric Equipment	15,299,051.14	15,299,260.01	15,299,155.58	1,055,711.71	32.0	0.03 %	444,964.20
	<b>325,902,578.56</b>	<b>325,905,330.73</b>	<b>325,903,954.65</b>	<b>28,460,390.00</b>			<b>9,271,994.95</b>
<b>Tac Ridge Wind</b>							
3410 Structures and Improvements	6,319,272.28	6,312,117.49	6,315,694.89	1,168,445.10	25.4	(0.31)%	203,588.74
3440 Generators	41,278,193.80	40,707,955.01	40,993,074.41	4,735,388.82	25.4	(0.31)%	1,442,119.26
3450 Accessory Electric Equipment	798,645.88	798,645.88	798,645.88	216,183.13	25.4	(0.31)%	25,193.76
3460 Misc Power Plant Equipment	311,798.61	311,798.61	311,798.61	42,321.35	25.4	(0.31)%	10,933.68
	<b>48,707,910.57</b>	<b>48,130,516.99</b>	<b>48,419,213.79</b>	<b>6,162,338.40</b>			<b>1,681,835.44</b>
<b>Wind Summary</b>							
3400 Land and Land Rights	1,481,917.71	1,481,926.49	1,481,922.10				
3410 Structures and Improvements	52,624,230.63	52,617,259.98	52,620,745.31	7,246,902.61			1,539,312.10
3440 Generators	717,739,701.96	717,555,044.58	717,647,373.28	92,044,017.21			20,792,301.52
3450 Accessory Electric Equipment	49,658,098.50	49,658,307.37	49,658,202.94	6,149,367.62			1,435,147.92
3460 Misc Power Plant Equipment	3,220,842.75	3,220,842.75	3,220,842.75	364,780.88			98,731.92
<b>Total Wind</b>	<b>824,724,791.55</b>	<b>824,533,381.17</b>	<b>824,629,086.38</b>	<b>105,805,068.32</b>			<b>23,865,493.46</b>
<b>Community Solar Gardens</b>							
3415 Structures and Improvements	203,276.71	26,425.97	114,851.34	4,617.63	23.9		4,839.20
3445 Generators	-	176,850.74	88,425.37	-	23.9		3,467.13
	<b>203,276.71</b>	<b>203,276.71</b>	<b>203,276.71</b>	<b>4,617.63</b>			<b>8,306.33</b>
<b>Solar Summary</b>							
3415 Structures and Improvements	203,276.71	26,425.97	114,851.34	4,617.63			4,839.20
3445 Generators	-	176,850.74	88,425.37	-			3,467.13
<b>Total Solar</b>	<b>203,276.71</b>	<b>203,276.71</b>	<b>203,276.71</b>	<b>4,617.63</b>			<b>8,306.33</b>
<b>Total Generation</b>	<b>2,675,605,451.31</b>	<b>2,574,282,787.23</b>	<b>2,624,944,119.44</b>	<b>825,837,142.19</b>			<b>100,747,658.97</b>
<b>Structures &amp; Improvements, Aircraft</b>							
General Office Building	18,683,783.38	16,220,987.88	17,452,385.63	6,130,615.98	19.0		694,060.16
Herbert Service Center	13,520,935.84	13,153,340.60	13,337,138.22	6,321,826.69	19.0		481,507.04
Eveleth Service Center	6,891,763.93	6,888,968.45	6,890,366.19	3,331,276.28	19.0		163,905.74
Rowe Energy Control Center	6,215,910.40	6,287,685.96	6,251,798.18	2,261,955.72	19.0		208,398.73
Little Falls Service Center & DC Line Material Storage Facility	5,092,668.29	5,208,909.71	5,150,789.00	2,418,641.72	19.0		115,715.90
Cloquet Service Center	2,753,688.38	2,268,612.60	2,511,150.49	1,483,078.42	19.0		105,658.93
Park Rapids Service Center	2,183,282.69	1,979,306.22	2,081,294.46	1,069,825.15	19.0		83,875.90
Coleraine Service Center	1,933,813.25	1,848,563.64	1,891,188.45	1,015,103.21	19.0		59,703.08
Sandstone Service Center	1,876,460.94	1,803,538.23	1,839,999.59	964,368.21	19.0		43,053.69
Pine River Service Center	1,782,466.99	1,682,010.41	1,732,238.70	910,647.58	19.0		45,431.23
Crosby Service Center	1,518,884.62	1,400,353.09	1,459,618.86	909,660.26	19.0		46,095.16
International Falls Service Center	1,192,558.71	1,140,401.11	1,166,479.91	563,535.38	19.0		50,046.14
Miscellaneous	9,980,617.50	10,862,192.53	10,421,405.02	4,927,445.12	19.0		277,234.86
<b>3900 Total Structures &amp; Improvements</b>	<b>73,626,834.92</b>	<b>70,744,870.43</b>	<b>72,185,852.70</b>	<b>32,307,979.72</b>			<b>2,374,686.56</b>
<b>3928 Aircraft -Fixed Wing</b>	<b>3,034,142.63</b>	<b>-</b>	<b>1,517,071.32</b>	<b>3,034,142.63</b>	<b>0.0</b>		<b>-</b>
<b>Total Structures &amp; Improvements, Aircraft</b>	<b>76,660,977.55</b>	<b>70,744,870.43</b>	<b>73,702,924.02</b>	<b>35,342,122.35</b>			<b>2,374,686.56</b>
<b>Total Generation, Structures &amp; Improvements, &amp; Aircraft</b>	<b>2,752,266,428.86</b>	<b>2,645,027,657.66</b>	<b>2,698,647,043.46</b>	<b>861,179,264.54</b>			<b>103,122,345.53</b>

Category	Item	Quantity	Unit Price	Total Price	Remarks
Category 1	Item 1.1	10	1000	10000	
	Item 1.2	5	2000	10000	
	Item 1.3	2	5000	10000	
Category 2	Item 2.1	15	1500	22500	
	Item 2.2	8	3000	24000	
	Item 2.3	4	4500	18000	
Category 3	Item 3.1	20	800	16000	
	Item 3.2	12	1800	21600	
	Item 3.3	6	3200	19200	
Category 4	Item 4.1	18	1200	21600	
	Item 4.2	10	2500	25000	
	Item 4.3	5	4000	20000	
Category 5	Item 5.1	25	600	15000	
	Item 5.2	14	2200	30800	
	Item 5.3	7	3800	26600	

STATE OF CALIFORNIA - DEPARTMENT OF REVENUE

STATE	YEAR	REVENUE	EXPENDITURE	DEFICIT	DEBT	RESERVE	NET ASSETS	NET LIABILITIES	NET EQUITY
CA	2010	10000000000	10000000000	0	0	0	0	0	0
CA	2011	10000000000	10000000000	0	0	0	0	0	0
CA	2012	10000000000	10000000000	0	0	0	0	0	0
CA	2013	10000000000	10000000000	0	0	0	0	0	0
CA	2014	10000000000	10000000000	0	0	0	0	0	0
CA	2015	10000000000	10000000000	0	0	0	0	0	0
CA	2016	10000000000	10000000000	0	0	0	0	0	0
CA	2017	10000000000	10000000000	0	0	0	0	0	0
CA	2018	10000000000	10000000000	0	0	0	0	0	0
CA	2019	10000000000	10000000000	0	0	0	0	0	0
CA	2020	10000000000	10000000000	0	0	0	0	0	0
CA	2021	10000000000	10000000000	0	0	0	0	0	0
CA	2022	10000000000	10000000000	0	0	0	0	0	0
CA	2023	10000000000	10000000000	0	0	0	0	0	0
CA	2024	10000000000	10000000000	0	0	0	0	0	0
CA	2025	10000000000	10000000000	0	0	0	0	0	0
CA	2026	10000000000	10000000000	0	0	0	0	0	0
CA	2027	10000000000	10000000000	0	0	0	0	0	0
CA	2028	10000000000	10000000000	0	0	0	0	0	0
CA	2029	10000000000	10000000000	0	0	0	0	0	0
CA	2030	10000000000	10000000000	0	0	0	0	0	0
CA	2031	10000000000	10000000000	0	0	0	0	0	0
CA	2032	10000000000	10000000000	0	0	0	0	0	0
CA	2033	10000000000	10000000000	0	0	0	0	0	0
CA	2034	10000000000	10000000000	0	0	0	0	0	0
CA	2035	10000000000	10000000000	0	0	0	0	0	0
CA	2036	10000000000	10000000000	0	0	0	0	0	0
CA	2037	10000000000	10000000000	0	0	0	0	0	0
CA	2038	10000000000	10000000000	0	0	0	0	0	0
CA	2039	10000000000	10000000000	0	0	0	0	0	0
CA	2040	10000000000	10000000000	0	0	0	0	0	0
CA	2041	10000000000	10000000000	0	0	0	0	0	0
CA	2042	10000000000	10000000000	0	0	0	0	0	0
CA	2043	10000000000	10000000000	0	0	0	0	0	0
CA	2044	10000000000	10000000000	0	0	0	0	0	0
CA	2045	10000000000	10000000000	0	0	0	0	0	0
CA	2046	10000000000	10000000000	0	0	0	0	0	0
CA	2047	10000000000	10000000000	0	0	0	0	0	0
CA	2048	10000000000	10000000000	0	0	0	0	0	0
CA	2049	10000000000	10000000000	0	0	0	0	0	0
CA	2050	10000000000	10000000000	0	0	0	0	0	0

STATE OF CALIFORNIA - DEPARTMENT OF REVENUE