

## EXISTING RENEWABLE ENERGY GENERATION

As part of this application, the Commission required Applicants to provide a list of renewable energy generation capacity with capacity factors, (Exemption Order Point 7D), which is set forth below.

**Table 1.0**  
**Existing Renewable Generation December 31, 2006**

### Minnesota Power

Source	Nameplate	MWh 2006	Cap Factor
Hydro	122	354,628	0.43
Biomass	109	153,202	0.40
<b>Total</b>	<b>231</b>	<b>507,830</b>	<b>NA</b>

### Central Minnesota Municipal Power Agency

Source	Nameplate	MWh 2006	Cap Factor
Wind	8.75	13,591	0.18
Hydro	0.90	2,433	0.32
<b>Total</b>	<b>9.65</b>	<b>16,024</b>	<b>NA</b>

### Great River Energy

Source	Nameplate	MWh 2006	Cap Factor
Wind	118	378,448	0.35
Refuse	33	148,668	0.51
Landfill	3.2	23,331	0.95
Anaerobic	0.41	3,020	0.80
<b>Total</b>	<b>154.61</b>	<b>553,467</b>	<b>NA</b>

### Otter Tail Power

Source	Nameplate	MWh 2006	Cap Factor
Wind	24	65,578	0.30
Hydro	4.19	18,362	0.52
Biomass	6.25	20,389	0.70
<b>Total</b>	<b>34.44</b>	<b>104,329</b>	<b>NA</b>

### Xcel Energy

Source	Nameplate	MWh 2006	Cap Factor
Wind	658	1,438,724	0.26
Hydro	230	1,140,423	0.37
Biomass	98	447,878	0.51
Landfill	53	298,729	0.49
<b>Total</b>	<b>1039</b>	<b>3,325,754</b>	<b>NA</b>

### Missouri River Energy Services

Source	Nameplate	MWh 2006	Cap Factor
Wind	5	13,981	0.29

### Dairyland Power Cooperative

Source	Nameplate	MWh 2006	Cap Factor
Wind	18.5	53305	0.33
Hydro	23.8	44780	0.22
Biomass	2.4	10996	0.52
Landfill	11.1	72672	0.75
<b>Total</b>	<b>55.8</b>	<b>181753</b>	<b>NA</b>

### Southern Minnesota Municipal Power Agency

Source	Nameplate	MWh 2006	Cap Factor
Wind	8.5	25721	0.34
Biomass	3	8366	0.32
<b>Total</b>	<b>11.5</b>	<b>34087</b>	<b>NA</b>

**Minnkota Power Cooperative**

Source	Nameplate	MWh 2006	Cap Factor
Wind	1.8	5487	0.35

**Alliant Energy**

Source	Nameplate	MWh 2006	Cap Factor
Wind	14.6	29,105	0.33

**Table 2.0  
Existing Renewable Generation December 31, 2006**

Utility	Nameplate Capacity MW	2006 Generation MWh	Cap Factor Wind	Cap Factor Anaerobic	Cap Factor Hydro	Cap Factor Landfill	Cap Factor Refuse
Xcel Energy	1040	3,325,755	0.26	NA	0.37	0.49	0.51
Minnkota Power Cooperative	2	5,487	0.35	NA	NA	NA	NA
Missouri River Energy Services	5	13,981	0.29	NA	NA	NA	NA
Great River Energy	155	553,467	0.35	0.8	NA	0.95	0.51
Minnesota Power	231	507,830	NA	NA	0.43	NA	0.40
Dairyland Power Cooperative	56	14,971	0.33	NA	0.22	0.75	0.52
Otter Tail Power Company	34	104,329	0.3	NA	0.52	NA	0.7
Southern Minnesota Municipal Power Agency	12	34,087	0.34	NA	NA	NA	0.32
Minnesota Municipal Power Agency*	-	1,796	-	-	-	-	-
Central Minnesota Municipal Power Agency	10	16,024	0.18	NA	0.32	NA	NA
Alliant Energy	14.6	29,105	--	--	--	--	--
<b>Totals/Averages</b>	<b>1,558</b>	<b>4,577,727</b>	<b>0.30</b>	<b>0.80</b>	<b>0.37</b>	<b>0.73</b>	<b>0.49</b>

\*Minnesota Municipal Power Agency represents power purchased by the utility, therefore, nameplate and factors are unavailable