TABLE 4.16l. Electric Utility Power Plants in the U.S. Lake Superior Basin, 1999

Company	Plant	County, State	Installed Capacity (megawatts)		Unit Type**	No. of Units	Energy Source**		Year(s) Commercial Operation Began
			Summer	Winter			Primary	Alternate	
Cloverland Electric Cooperative	Dafter	Chippewa, MI	7.7	7.7	IC	5	FO2		1955
Edison Sault Electric Company	Edison Sault	"	29.6	28.2	HY	73	Water		1901/16/63
City of Marquette	Frank J. Russell	Marquette, MI	0.7	0.7	HY	1	Water		1924
"	Plant Four	"	23.0	24.0	GT	1	FO2		1979
"	Plant Two	"	3.2	3.2	HY	2	Water		1919/22
"	Shiras	"	77.5	77.5	ST	3	2 BIT / 1 SUB		1967/72/83
Newberry Water & Light Board	Newberry	Luce, MI	4.5	4.5	IC	3	FO2		1974/48/88
Upper Peninsula Power Company	Autrain	Alger, MI	1.1	1.1	HY	2	Water		1988
"	Hoist	Marquette, MI	4.3	4.3	HY	3	Water		1988
"	John H. Warden	Baraga, MI	17.7	17.7	ST	1	Nat. Gas	BIT	1959
"	McClure	Marquette, MI	8.7	8.7	HY	2	Water		1988
"	Portage	Houghton, MI	23.8	27.5	GT	1	FO2		1973
"	Prickett	Baraga, MI	2.2	2.2	HY	2	Water		1931
"	Victoria	Ontonagon, MI	12.4	12.4	HY	2	Water		1931
USCE - Detroit District	Saint Mary's Falls	Chippewa, MI	20.0	20.0	HY	5	Water		1932/51/52/54
Wisconsin Electric Power Company	Presque Isle	Marquette, MI	617.0	617.0	ST	9	6 BIT / 3 SUB		1955/62/64/66/74/75/78/79
City of Grand Marais	Grand Marais	Cook, MN	3.1	3.1	IC	4	FO2		1940/56/62/69
Hibbing Public Utilities Commission	Hibbing	St. Louis, MN	30.5	36.0	ST	3	SUB	Nat. Gas	1965/85/96
Minnesota Power Inc.	Fond Du Lac	"	11.5	11.5	HY	1	Water		1924
"	Knife Falls	Carlton, MN	1.8	1.8	HY	3	Water		1922
"	M L Hibbard	St. Louis, MN	100.8	99.8	ST	4	2 FO6 / 2 WD	2 None / 2 BIT	1931/43/49/51
"	Scanlon	Carlton, MN	1.6	1.6	HY	4	Water		1923
"	Syl Laskin	St. Louis, MN	110.0	110.0	ST	2	SUB		1953
"	Thomson	Carlton, MN	73.4	73.4	HY	6	Water		1907/14/19/49
City of Two Harbors	Two Harbors	Lake, MN	2.0	2.0	IC	1	FO2	Nat. Gas	1972
City of Virginia	Virginia	St. Louis, MN	28.5	30.5	ST	3	SUB	Nat. Gas	1954/71/92
Dahlberg Light & Power Company	Solon Diesel	Douglas, WI	8.0	8.0	IC	8	FO2		1988/89/95
Northern States Power Company	Bay Front	Ashland, WI	72.9	72.9	CH	3	2 SUB / 1 WD		1949/52/57
"	Superior Falls Hydro*	Iron, WI	1.1	0.9	HY	2	Water		1919
"	White River	Ashland, WI	0.8	0.6	HY	2	Water		1907
TOTAL CAPACITY	30 FACILITIES		1,299.4	1,308.8					

* Plant not listed in DOE/EIA inventory; data from Northern States Power Company web site (www.nspco.com), verified by plant operator.

**Unit type codes: IC = internal combustion (diesel), HY = hydraulic turbine (conventional), GT = gas turbine, ST = steam turbine (boiler), CH = steam turbine, common header.
Energy source codes: FO2 = No. 2 fuel oil, BIT = bituminous coal, SUB = subbituminous coal, WD = wood or wood waste.

Source: U.S. Dept. of Energy, Energy Information Administration DOE/EIA-0095(99), "Inventory of Electric Utility Power Plants in the United States 1999" (www.eia.doe.gov/cneaf/electricity/utility)