

TABLE 4.16F. Electric Power Generation, Transmission, and Distribution by Utilities in the U.S. Lake Superior Basin, 1998 (Megawatt-Hours)

Utility Code	Utility Name	Ownership	Winter Peak Load	Service Type G-T-D*	Summer Peak Load	Net Generation	Power Purchased from Utilities	Power Purchased from Non-Utilities	Total Power Sources	Sales to Consumers	Sales -- Resale	Energy No Charge	Energy Used to Run Plant	Total Transmission Losses
00305	Alger-Delta Coop Electric Assn	cooperative	11,552	D	10,677	0	56,000	0	56,000	52,000	0	0	0	4,000
01196	Baraga Village of	municipal	1,600	D	1,500	0	7,738	0	7,738	7,300	0	0	0	438
03828	Cloverland Electric Coop	cooperative	37,963	G-T-D	31,496	-197	208,363	0	208,166	170,925	19,227	0	510	17,504
05659	Edison Sault Electric Co	private	134,378	G-T-D	120,725	170,996	518,885	154,167	844,048	631,877	159,238	0	1,959	50,974
10508	L'Anse Village of	municipal	2,464	D	2,878	0	14,467	0	14,467	13,434	0	0	0	1,033
11701	Marquette City of	municipal	49,100	G-T-D	50,100	251,231	33,545	0	284,776	254,658	19,634	0	519	9,965
13352	Negaunee City of	municipal	4,522	D	3,462	0	23,256	0	23,256	22,032	0	0	0	1,224
13525	Newberry Water & Light Board	municipal	3,510	D	3,077	0	19,226	0	19,226	18,069	0	8	226	923
14156	Ontonagon County R E A	cooperative	5,694	D	4,710	0	25,261	0	25,261	22,644	0	0	0	2,617
19578	Upper Peninsula Power Co	private	137,000	G-T-D	113,000	107,247	879,276	274	947,412	698,416	140,101	0	3,509	105,386
19975	Wakefield City of	municipal	2,582	D	2,380	0	12,482	0	12,482	11,306	0	175	565	436
00887	Arrowhead Electric Coop Inc	cooperative	9,068	D	3,863	0	49,129	0	49,129	44,828	0	0	255	4,046
01753	Biwabik City of	municipal	1,515	D	1,004	0	7,612	0	7,612	7,471	0	0	0	141
02491	Buhl City of	municipal	1,080	D	716	0	4,345	0	4,345	4,185	0	0	0	160
04346	Coop L & P Assn of Lake County	cooperative	11,748	D	8,797	0	74,041	0	74,041	68,537	0	0	0	5,504
07487	Grand Marais City of	municipal	4,040	G-D	3,144	199	20,352	0	20,352	18,325	0	148	21	1,858
08543	Hibbing Public Utilities Comm	municipal	22,240	G-D	22,632	21,459	104,648	0	126,107	115,745	0	0	1,954	8,408
10697	Lake Country Power	cooperative	0	D	0	0	530,675	0	530,675	494,276	31,484	0	1,073	3,842
12647	Minnesota Power Inc	private	1,411,943	G-T-D	1,327,228	6,852,461	5,342,893	102,553	12,227,853	8,869,801	3,115,876	0	15,616	226,560
13044	Mountain Iron City of	municipal	3,348	D	2,134	0	14,269	0	14,269	13,257	0	0	0	1,012
15460	Proctor Public Utilities Comm	municipal	4,663	D	3,298	0	23,644	0	23,644	21,581	0	0	0	2,063
19321	Two Harbors City of	municipal	4,916	G-D	4,553	48	27,834	0	27,882	25,539	0	250	0	2,093
19883	Virginia City of	municipal	0	G-D	0	52,040	51,993	0	104,033	95,642	0	1,660	1,560	5,171
01367	Bayfield Electric Coop Inc	cooperative	15,760	D	10,366	0	67,422	0	67,422	60,986	0	0	278	6,158
04715	Dahlberg Light & Power Co	private	16,800	G-D	14,700	1,153	87,870	0	89,023	79,641	0	0	230	9,152
08347	Head of Lakes Electric Coop	cooperative	12,000	D	10,000	0	44,386	0	44,386	40,599	0	0	316	3,471
13780	Northern States Power Co	private	1,078,000	G-T-D	1,172,000	1,110,266	5,538,260	0	6,648,526	5,380,329	462,324	0	14,924	790,949
18336	Superior Water Light&Power Co	private	85,653	D	79,712	0	568,475	0	568,475	552,803	0	0	0	15,672
20847	Wisconsin Electric Power Co	private	4,565,000	G-T-D	5,468,000	26,294,605	3,517,689	1,022,646	30,890,548	26,504,601	2,635,052	0	75,854	1,675,041
	Total					34,861,508	17,874,036	1,279,640	53,961,154	44,300,807	6,582,936	2,241	119,369	2,955,801

* G = generation, T = transmission, D = distribution

Note: This information is for total operations of each utility, much of which may occur outside the Lake Superior watershed.

Source: U.S. Department of Energy, Energy Information Administration Annual Electric Utility data - EIA-861 data file (www.eia.doe.gov/cheaf/electricity/page/eia861.html)

Data extracted for the Lake Superior watershed by GEM Center for Science and Environmental Outreach, Michigan Technological University, July 2000