

TABLE 4.16G. Electric Power Generation, Transmission, and Distribution by Utilities in the U.S. Lake Superior Basin, 1992, 1995, and 1998 (Megawatt-Hours)

Utility Code	Utility Name	Ownership	1992					1995					1998				
			Net Generation	Power Bought from Utilities	Power Bought from Non-Utilities	Total Power Sources	Sales to Consumers	Net Generation	Power Bought from Utilities	Power Bought from Non-Utilities	Total Power Sources	Sales to Consumers	Net Generation	Power Bought from Utilities	Power Bought from Non-Utilities	Total Power Sources	Sales to Consumers
00305	Alger-Delta Coop Electric Assn	cooperative	0	50,765	0	50,765	45,934	0	57,008	0	57,008	51,692	0	56,000	0	56,000	52,000
01196	Baraga City of	municipal	0	11,504	0	11,504	10,701	0	16,609	0	16,609	15,446	0	7,738	0	7,738	7,300
03828	Cloverland Electric Coop	cooperative	-742	175,220	0	174,478	139,350	-492	191,368	0	190,876	155,309	-197	208,363	0	208,166	170,925
05659	Edison Sault Electric Co	private	226,821	493,418	0	720,239	557,375	210,868	599,902	0	810,770	616,577	170,996	518,885	154,167	844,048	631,877
10508	L'Anse Village of	municipal	0	13,754	0	13,754	12,453	0	14,174	0	14,174	12,980	0	14,467	0	14,467	13,434
10615	Lake Superior District Pwr Co*	private	0	0	0	0	0										
11701	Marquette City of	municipal	237,289	16,150	0	253,439	226,172	250,435	18,157	0	268,592	240,226	251,231	33,545	0	284,776	254,658
13352	Negaunee City of	municipal	0	22,078	0	22,078	21,089	0	22,552	0	22,552	21,179	0	23,256	0	23,256	22,032
13525	Newberry Water & Light Board	municipal	123	17,445	0	17,568	15,665	76	18,185	0	18,261	16,078	0	19,226	0	19,226	18,069
14156	Ontonagon County R E A	cooperative	0	21,236	0	21,236	18,606	0	22,734	0	22,734	20,355	0	25,261	0	25,261	22,644
19578	Upper Peninsula Power Co	private	255,008	558,517	0	854,883	679,683	142,871	529,754	0	898,862	706,722	107,247	879,276	274	947,412	698,416
19975	Wakefield City of	municipal	0	12,761	0	12,761	12,388	0	12,400	0	12,400	12,081	0	12,482	0	12,482	11,306
00887	Arrowhead Electric Coop Inc	cooperative	0	35,882	0	35,882	32,715	0	47,092	0	47,092	42,991	0	49,129	0	49,129	44,828
01753	Biwabik City of	municipal	0	6,174	0	6,174	6,068	0	6,603	0	6,603	6,540	0	7,612	0	7,612	7,471
02491	Buhl City of	municipal	0	4,186	0	4,186	3,726	0	4,370	0	4,370	3,923	0	4,345	0	4,345	4,185
03044	Carlton County Coop Power Assn*	cooperative	0	109,888	0	109,888	85,899	0	131,234	0	131,234	102,283					
04346	Coop L & P Assn of Lake County	cooperative	0	58,718	0	58,718	55,697	0	66,693	0	66,693	62,487	0	74,041	0	74,041	68,537
07487	Grand Marais City of	municipal	14	15,427	0	15,441	14,596	30	18,712	0	18,742	16,486	199	20,352	0	20,352	18,325
08543	Hibbing Public Utilities Comm	municipal	33,152	84,352	0	117,504	103,968	12,060	111,583	0	123,643	110,760	21,459	104,648	0	126,107	115,745
10697	Lake Country Power	cooperative											0	530,675	0	530,675	494,276
12647	Minnesota Power & Light Co	private	5,463,458	4,379,381	6,009	9,898,753	8,039,939	6,700,660	5,451,541	14,980	12,225,397	9,250,576	6,852,461	5,342,893	102,553	12,227,853	8,869,801
13044	Mountain Iron City of	municipal	0	12,639	0	12,639	11,707	0	13,971	0	13,971	12,858	0	14,269	0	14,269	13,257
13748	Northern Electric Coop Assn*	cooperative	0	188,829	0	188,829	175,190	0	205,033	0	205,033	190,927					
15460	Proctor Public Utilities Comm	municipal	0	15,791	0	15,791	13,800	0	21,125	0	21,125	20,066	0	23,644	0	23,644	21,581
19321	Two Harbors City of	municipal	-170	22,365	0	22,195	21,943	-29	25,917	0	25,888	23,623	48	27,834	0	27,882	25,539
19883	Virginia City of	municipal	54,595	38,120	0	92,715	85,132	56,970	46,495	0	103,465	93,616	52,040	51,993	0	104,033	95,642
01367	Bayfield Electric Coop Inc	cooperative	0	57,954	0	57,954	52,702	0	64,992	0	64,992	58,604	0	67,422	0	67,422	60,986
04715	Dahlberg Light & Power Co	private	2,884	72,876	0	75,760	67,263	2,210	82,913	0	85,123	76,031	1,153	87,870	0	89,023	79,641
08347	Head of Lakes Electric Coop	cooperative	0	36,946	0	36,946	33,707	0	42,430	0	42,430	38,716	0	44,386	0	44,386	40,599
13780	Northern States Power Co	private	1,134,771	0	0	5,566,263	4,529,793	1,281,944	4,990,339	0	6,272,283	5,045,285	1,110,266	5,538,260	0	6,648,526	5,380,329
18336	Superior Water Light & Power Co	private	0	496,494	0	540,199	526,876	0	573,573	0	573,573	557,675	0	568,475	0	568,475	552,803
20847	Wisconsin Electric Power Co	private	23,647,792	2,454,259	99,109	26,201,272	22,303,551	26,660,310	2,142,150	125,174	28,943,323	24,911,460	26,294,605	3,517,689	1,022,646	30,890,548	26,504,601
21264	USCE-Detroit District*	federal	0	0	0	0	0	0									
	Total		31,054,995	9,483,129	105,118	45,209,814	37,903,688	35,317,913	15,549,609	140,154	51,307,818	42,493,552	34,861,508	17,874,036	1,279,640	53,961,154	44,300,807

* not listed in 1998 database

**The data in the EIA-861 file is for total operations of each utility, much of which may occur outside the Lake Superior watershed. To approximate the percentage of net generation occurring within the watershed, a basin multiplier was calculated for each generator, using the *Inventory of Electric Utility Power Plants in the United States 1999, with data as of January 1, 1999* (DOE/EIA-0095(99)). The multiplier was calculated by averaging the net summer and winter capability for all power plants operated by a utility within the Lake Superior basin and dividing that total by the average of the net summer and winter capability for all power plants operated by the utility. Note that the 1995 multiplier was used for the 1992 generation data because no multiplier was calculated for 1992.

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)