

Table 1: 2003 Water Withdrawals for Thermoelectric Power Generation in Michigan, by County*

County	Thermoelectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
Alcona	1	146,709.00	0.00	0.00	0.47	0.47
Allegan	1	17,223.00	0.00	0.00	0.01	0.01
Alpena	1	300,370.00	110.16	0.00	0.00	110.16
Baraga	1	7,989.00	0.96	0.00	0.00	0.96
Bay	2	6,109,961.00	591.19	0.00	0.00	591.19
Berrien	1	14,139,703.00	1,922.07	0.00	0.00	1,922.07
Cass	1	0.00	0.00	0.00	0.00	0.00
Charlevoix	1	0.00	33.40	0.00	0.00	33.40
Cheboygan	1	581.00	0.00	0.00	0.00	0.00
Crawford	1	236,628.00	0.00	0.00	0.39	0.39
Delta	1	146,808.00	22.09	0.00	0.00	22.09
Eaton	1	922,870.00	0.00	1.19	0.00	1.19
Genesee	1	210,403.00	0.00	0.00	0.22	0.22
Grand Traverse	1	0.00	0.00	0.00	0.00	0.00
Hillsdale	2	347,057.00	0.00	0.05	1.17	1.22
Huron	1	241,382.00	67.45	0.00	0.00	67.45
Ingham	1	1,390,762.00	0.00	240.20	0.00	240.20
Isabella	1	4,519.00	0.00	0.00	0.13	0.13
Manistee	1	466,292.00	2.79	0.00	0.00	2.79
Marquette	2	3,324,463.00	248.47	0.00	0.00	248.47
Midland	1	7,348,969.00	0.00	5.91	0.00	5.91
Missaukee	1	138,388.00	0.00	0.00	0.75	0.75
Monroe	3	29,880,119.00	1,750.36	0.00	0.08	1,750.44
Muskegon	1	2,172,342.00	234.29	0.00	0.00	234.29
Osceola	1	17,223.00	0.00	0.00	0.00	0.00
Ottawa	4	11,122,224.00	680.65	92.30	0.79	773.74
Saint Clair	3	15,543,992.00	1,424.32	0.00	0.00	1,424.32
Van Buren	1	6,151,481.00	119.27	0.00	0.00	119.27
Wayne	5	7,282,300.00	860.66	0.00	0.00	860.66
Total	43	107,670,758.00	8,068.14	339.66	4.00	8,411.81

*This report is provided by the Michigan Department of Environmental Quality and was generated using data collected for the water use reporting program.

Index Map of Michigan Counties

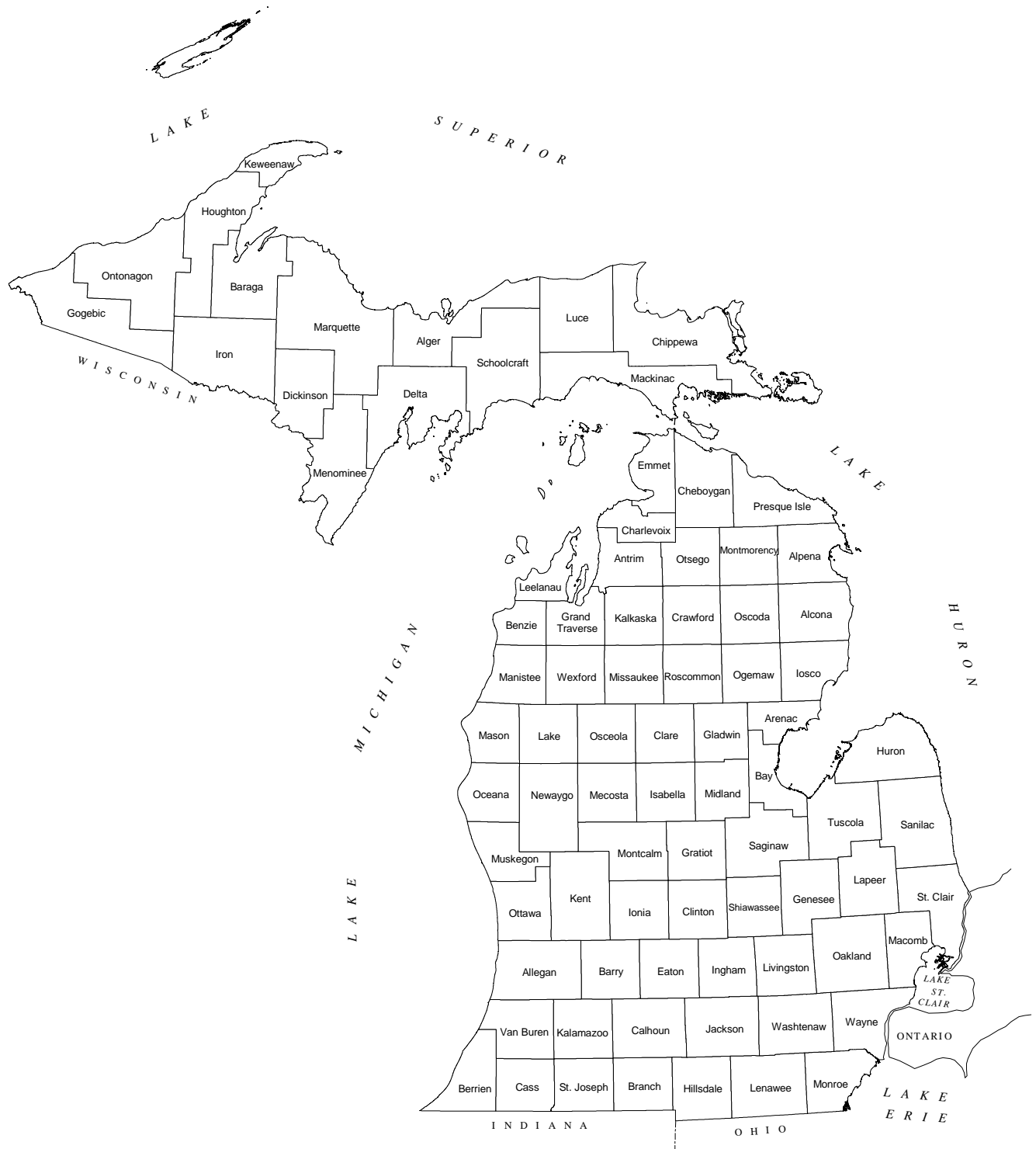


Table 2: 2003 Water Withdrawals for Thermoelectric Power Generation in Michigan, by Hydrologic Basin*

Hydrologic Basin Code	Thermoelectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
04020105	3	3,332,452.00	249.44	0.00	0.00	249.44
04030111	1	146,808.00	22.09	0.00	0.00	22.09
04040001	1	14,139,703.00	1,922.07	0.00	0.00	1,922.07
04050001	3	347,057.00	0.00	0.05	1.17	1.22
04050002	3	16,866,256.00	799.91	50.76	0.79	851.47
04050003	1	17,223.00	0.00	0.00	0.01	0.01
04050004	2	2,313,632.00	0.00	241.40	0.00	241.40
04050006	2	407,449.00	0.00	41.54	0.00	41.54
04060102	3	2,327,953.00	234.29	0.00	0.75	235.04
04060103	1	466,292.00	2.79	0.00	0.00	2.79
04060105	2	0.00	33.40	0.00	0.00	33.40
04070005	1	581.00	0.00	0.00	0.00	0.00
04070006	1	300,370.00	110.16	0.00	0.00	110.16
04070007	2	383,337.00	0.00	0.00	0.86	0.86
04080104	1	241,382.00	67.45	0.00	0.00	67.45
04080201	1	7,348,969.00	0.00	5.91	0.00	5.91
04080202	1	4,519.00	0.00	0.00	0.13	0.13
04080204	1	210,403.00	0.00	0.00	0.22	0.22
04080206	2	6,109,961.00	591.19	0.00	0.00	591.19
04090001	3	15,543,992.00	1,424.32	0.00	0.00	1,424.32
04090004	5	7,282,300.00	860.66	0.00	0.00	860.66
04100001	3	29,880,119.00	1,750.36	0.00	0.08	1,750.44
Total	43	107,670,758.00	8,068.14	339.66	4.00	8,411.81

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Hydrologic Basins in Michigan: U.S. Geological Survey

04020105	Dead-Kelsey	04060102	Muskegon	04080202	Pine
04030111	Tacoosh-Whitefish	04060103	Manistee	04080204	Flint
04040001	Little Calumet-Galien	04060105	Boardman-Charlevoix	04080206	Saginaw
04050001	St. Joseph	04070005	Black	04090001	St. Clair
04050002	Black-Macatawa	04070006	Thunder Bay	04090004	Detroit
04050003	Kalamazoo	04070007	Au Sable	04100001	Ottawa-Stony
04050004	Upper Grand	04080104	Birch-Willow		
04050006	Lower Grand	04080201	Tittabawassee		

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