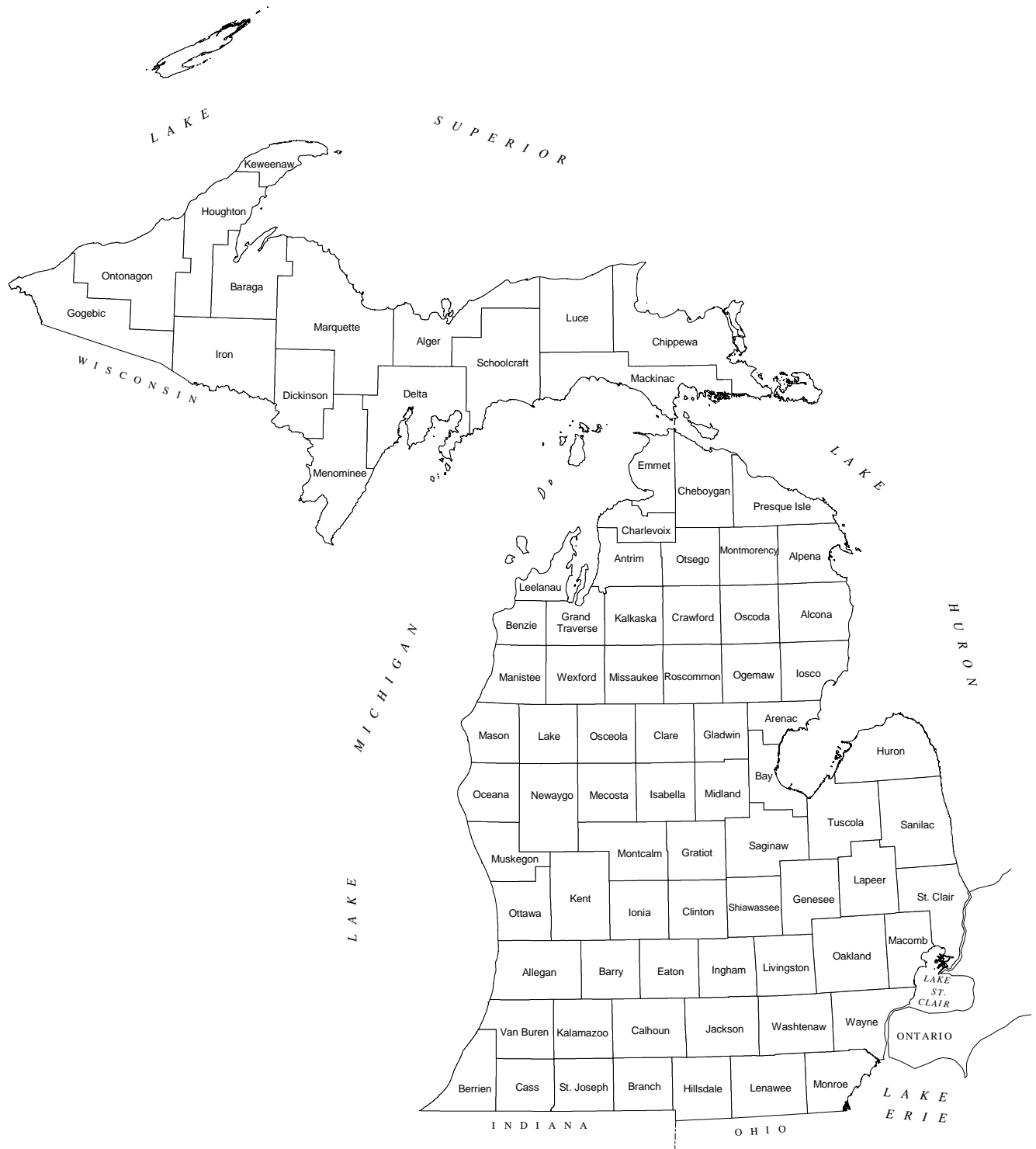


**Table 1: 2004 Water Withdrawals for Thermoelectric Power Generation  
Michigan, by County\***

County	Thermoelectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
Alcona	1	134,428.00	0.00	0.00	0.45	0.45
Allegan	1	16,138.00	0.00	0.00	0.00	0.00
Alpena	1	295,477.00	110.47	0.00	0.00	110.47
Baraga	1	0.00	0.00	0.00	0.00	0.00
Bay	2	5,535,578.00	543.51	0.00	0.00	543.51
Berrien	1	17,336,458.00	2,199.36	0.00	0.00	2,199.36
Cass	1	0.00	0.00	0.00	0.00	0.00
Charlevoix	1	0.00	2.38	0.00	0.00	2.38
Cheboygan	1	315.00	0.00	0.00	0.00	0.00
Crawford	1	281,874.00	0.00	0.00	0.43	0.43
Delta	1	165,311.00	21.37	0.00	0.00	21.37
Eaton	1	627,837.00	0.00	0.80	0.00	0.80
Genesee	1	237,255.00	0.00	0.00	0.20	0.20
Grand Traverse	1	0.00	0.00	0.00	0.00	0.00
Hillsdale	2	355,805.00	0.00	0.06	1.24	1.29
Huron	1	250,274.00	68.45	0.00	0.00	68.45
Ingham	1	1,605,248.00	0.00	232.19	0.00	232.19
Isabella	1	2,651.00	0.00	0.00	0.14	0.14
Manistee	1	499,058.00	2.92	0.00	0.00	2.92
Marquette	2	3,574,392.00	270.36	0.00	0.00	270.36
Midland	1	10,663,074.00	0.00	5.26	0.00	5.26
Missaukee	1	145,292.00	0.00	0.00	0.70	0.70
Monroe	3	28,799,102.00	1,755.42	0.00	0.08	1,755.49
Muskegon	1	2,092,083.00	221.30	0.00	0.04	221.34
Osceola	1	4,336.00	0.00	0.00	0.01	0.01
Ottawa	4	10,004,748.00	650.43	83.08	0.82	734.34
Saint Clair	3	17,732,009.00	1,466.70	0.00	0.00	1,466.70
Van Buren	1	5,335,635.00	115.46	0.00	0.00	115.46
Wayne	6	10,297,049.00	976.10	155.28	0.00	1,131.39
<b>Total</b>	<b>44</b>	<b>115,991,427.00</b>	<b>8,404.23</b>	<b>476.67</b>	<b>4.10</b>	<b>8,885.00</b>

\*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: 2004 Water Withdrawals for Thermolectric Power Generation  
Michigan, by Hydrologic Basin\***

Hydrologic Basin Code	Thermolectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
04020105	3	3,574,392.00	270.36	0.00	0.00	270.36
04030111	1	165,311.00	21.37	0.00	0.00	21.37
04040001	1	17,336,458.00	2,199.36	0.00	0.00	2,199.36
04050001	3	355,805.00	0.00	0.06	1.24	1.29
04050002	3	15,011,270.00	765.89	42.56	0.82	809.27
04050003	1	16,138.00	0.00	0.00	0.00	0.00
04050004	2	2,233,085.00	0.00	232.98	0.00	232.98
04050006	2	329,113.00	0.00	40.53	0.00	40.53
04060102	3	2,241,711.00	221.30	0.00	0.75	222.05
04060103	1	499,058.00	2.92	0.00	0.00	2.92
04060105	2	0.00	2.38	0.00	0.00	2.38
04070005	1	315.00	0.00	0.00	0.00	0.00
04070006	1	295,477.00	110.47	0.00	0.00	110.47
04070007	2	416,302.00	0.00	0.00	0.88	0.88
04080104	1	250,274.00	68.45	0.00	0.00	68.45
04080201	1	10,663,074.00	0.00	5.26	0.00	5.26
04080202	1	2,651.00	0.00	0.00	0.14	0.14
04080204	1	237,255.00	0.00	0.00	0.20	0.20
04080206	2	5,535,578.00	543.51	0.00	0.00	543.51
04090001	3	17,732,009.00	1,466.70	0.00	0.00	1,466.70
04090004	6	10,297,049.00	976.10	155.28	0.00	1,131.39
04100001	3	28,799,102.00	1,755.42	0.00	0.08	1,755.49
Total	44	115,991,427.00	8,404.23	476.67	4.10	8,885.00

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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		

# Index Map of Michigan Hydrologic Basins

