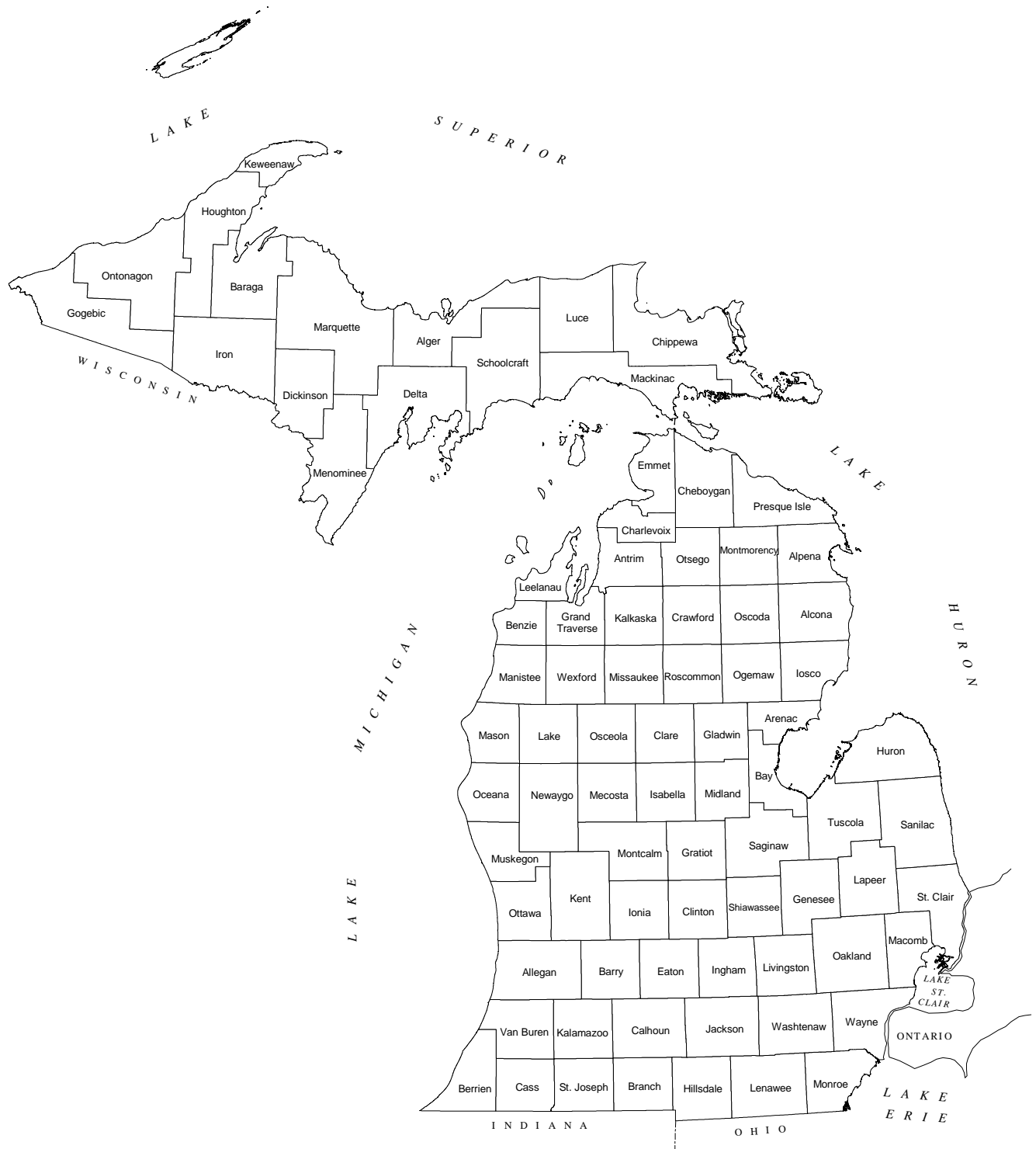


**Table 1: 2006 Water Withdrawals for Thermoelectric Power Generation in Michigan, by County\***

County	Thermoelectric Power		Water Withdrawn (MGD)			
	Number of Plants	Energy Generated (MW-HRS)	Great Lakes	Surface Water	Ground Water	Total
Alcona	1	158,625.00	0.00	0.00	0.46	0.46
Allegan	1	3,015.00	0.00	0.00	0.00	0.00
Alpena	1	284,842.00	111.90	0.00	0.00	111.90
Baraga	1	0.00	0.00	0.00	0.00	0.00
Bay	1	5,638,363.00	561.18	0.00	0.00	561.18
Berrien	1	18,057,269.00	2,061.09	0.00	0.00	2,061.09
Cass	1	0.00	0.00	0.00	0.00	0.00
Cheboygan	1	629.00	0.00	0.00	0.00	0.00
Crawford	1	242,551.00	0.00	0.00	0.34	0.34
Delta	1	159,202.00	21.38	0.00	0.00	21.38
Eaton	1	1,051,334.00	0.00	1.20	0.00	1.20
Genesee	1	289,599.00	0.00	0.00	0.29	0.29
Hillsdale	2	380,889.00	0.00	0.02	0.92	0.94
Huron	1	199,116.00	62.61	0.00	0.00	62.61
Ingham	1	1,787,557.00	0.00	190.14	0.00	190.14
Isabella	1	1,793.00	0.00	0.00	0.15	0.15
Kent	1	95,509.00	0.00	0.21	0.00	0.21
Manistee	1	501,608.00	1.34	0.00	0.00	1.34
Marquette	2	3,666,051.00	270.10	0.00	0.00	270.10
Midland	1	5,922,000.00	0.00	4.22	0.00	4.22
Missaukee	1	156,317.00	0.00	0.00	0.09	0.09
Monroe	3	29,081,367.00	1,752.55	0.00	0.11	1,752.66
Montcalm	1	1,382.00	0.00	0.00	0.00	0.00
Muskegon	1	1,858,160.00	216.48	0.00	0.04	216.52
Osceola	1	14,941.00	0.00	0.00	0.00	0.00
Ottawa	4	9,075,054.00	708.79	43.08	0.69	752.57
Saint Clair	3	16,990,038.00	1,385.33	0.00	0.00	1,385.33
Van Buren	1	5,903,861.00	115.63	0.00	0.00	115.63
Wayne	6	9,685,125.00	917.72	114.43	0.00	1,032.15
<b>Total</b>	<b>43</b>	<b>111,206,197.00</b>	<b>8,186.11</b>	<b>353.29</b>	<b>3.10</b>	<b>8,542.50</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: 2006 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Hydrologic Basin Code	Thermoelectric Power		Water Withdrawn (MGD)			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	3,666,051.00	270.10	0.00	0.00	270.10
04030111	1	159,202.00	21.38	0.00	0.00	21.38
04040001	1	18,057,269.00	2,061.09	0.00	0.00	2,061.09
04050001	3	380,889.00	0.00	0.02	0.92	0.94
04050002	3	14,566,741.00	824.42	0.00	0.69	825.12
04050003	1	3,015.00	0.00	0.00	0.00	0.00
04050004	2	2,838,891.00	0.00	191.34	0.00	191.34
04050006	3	507,683.00	0.00	43.29	0.00	43.29
04060102	3	2,029,418.00	216.48	0.00	0.13	216.62
04060103	1	501,608.00	1.34	0.00	0.00	1.34
04070005	1	629.00	0.00	0.00	0.00	0.00
04070006	1	284,842.00	111.90	0.00	0.00	111.90
04070007	2	401,176.00	0.00	0.00	0.80	0.80
04080104	1	199,116.00	62.61	0.00	0.00	62.61
04080201	1	5,922,000.00	0.00	4.22	0.00	4.22
04080202	2	3,175.00	0.00	0.00	0.15	0.15
04080204	1	289,599.00	0.00	0.00	0.29	0.29
04080206	1	5,638,363.00	561.18	0.00	0.00	561.18
04090001	3	16,990,038.00	1,385.33	0.00	0.00	1,385.33
04090004	6	9,685,125.00	917.72	114.43	0.00	1,032.15
04100001	3	29,081,367.00	1,752.55	0.00	0.11	1,752.66
<b>Total</b>	<b>43</b>	<b>111,206,197.00</b>	<b>8,186.11</b>	<b>353.29</b>	<b>3.10</b>	<b>8,542.50</b>

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Hydrologic Basins in Michigan: U.S. Geological Survey

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

# Index Map of Michigan Hydrologic Basins

