

Michigan

Michigan total electric power industry, summer capacity and net generation, by energy source, 2010

Primary energy Source	Summer capacity (mw)	Share of State total (percent)	Net generation (thousand mwh)	Share of State total (percent)
Nuclear	3,947	13.2	29,625	26.6
Coal	11,531	38.7	65,604	58.8
Hydro and Pumped Storage	2,109	7.1	228	0.2
Natural Gas	11,033	37.0	12,249	11.0
Other ¹	-	-	631	0.6
Other Renewable ¹	571	1.9	2,832	2.5
Petroleum	640	2.1	382	0.3
Total	29,831	100.0	111,551	100.0

¹Municipal Solid Waste net generation is allocated according to the biogenic and non-biogenic components of the fuel; however, all Municipal Solid Waste summer capacity is classified as Renewable.

- = No data reported.

Notes: Totals may not equal sum of components due to independent rounding.

Other: Blast furnace gas, propane gas, other manufactured and waste gases derived from fossil fuels, non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Other Renewable: Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Source: Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

Michigan nuclear power plants, summer capacity and net generation, 2010

Plant name/total reactors	Summer capacity (mw)	Net generation (thousand mwh)	Share of State nuclear net generation (percent)	Owner
Donald C Cook				
Unit 1, Unit 2	2,069	15,646	52.8	Indiana Michigan Power Co
Fermi				
Unit 2	1,085	7,738	26.1	Detroit Edison Co
Palisades				
Unit 1	793	6,241	21.1	Entergy Nuclear Palisades LLC
3 Plants				
4 Reactors	3,947	29,625	100.0	

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

Donald Cook

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	1,009	7,807	88.3	PWR	8/28/1975	10/25/2034
2	1,060	7,839	84.4	PWR	7/1/1978	12/23/2037
	2,069	15,646	86.3			

Data for 2010

PWR = Pressurized Light Water Reactor.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

Fermi

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
2	1,085	7,738	81.4	BWR	1/23/1988	3/20/2025
	1,085	7,738	81.4			

Data for 2010

BWR = Boiling Water Reactor.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."

Palisades

Unit	Summer capacity (mw)	Net generation (thousand mwh)	Summer capacity factor (percent)	Type	Commercial operation date	License expiration date
1	793	6,241	89.8	PWR	12/31/1971	3/24/2031
	793	6,241	89.8			

Data for 2010

PWR = Pressurized Light Water Reactor.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-860, "Annual Electric Generator Report," and Form EIA-923, "Power Plant Operations Report."