

As part of Michigan's Customer Choice Program, Xcel Energy is required to periodically inform customers of the average percentage of fuel types used to generate its electricity and the rate of production of certain compounds of concern to the environment. The following information presents data for the Upper Midwest states, including Michigan, that Xcel Energy serves. In addition, you will find a regional average for these same fuel types and compounds of concern from utility generation sources in Michigan, Illinois, Indiana, Ohio and Wisconsin.

The environmental characteristics of your electricity as reported to the Michigan Public Service Commission pursuant to Public Act 141 of 2000 are represented in the following charts and graphs:

AVERAGE FUEL TYPE COMPARISON

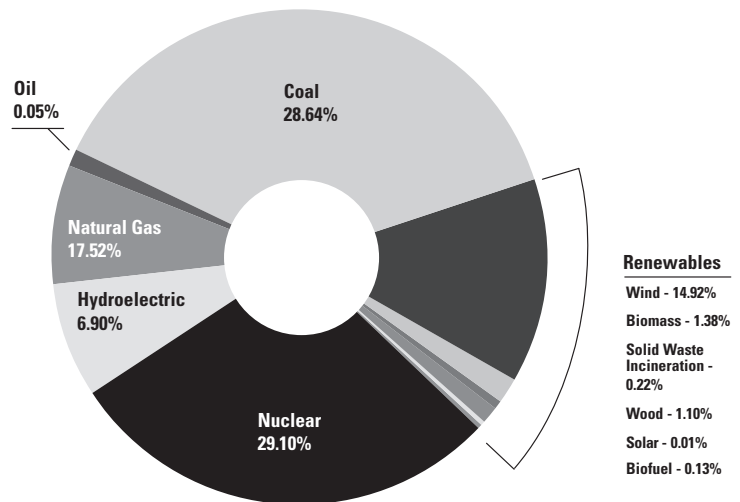
Xcel Energy vs. regional average

Fuel Source	Percentage of fuel type used to produce Xcel Energy's electricity ¹ (12 months ending 10/16)	Percentage of fuel type used to produce electricity in Michigan, Illinois, Indiana, Ohio and Wisconsin (12 months ending 07/16)
Coal	28.64%	47.72%
Nuclear	29.10%	26.67%
Hydroelectric	6.90%	0.84%
Natural Gas	17.52%	18.13%
Oil	0.05%	0.58%
Total Renewables	17.77%	6.07%
Wind	14.92%	4.11%
Biomass	1.38%	0.53%
Solid Waste Incineration ²	0.22%	0.09%
Wood	1.10%	0.48%
Solar	0.01%	0.08%
Biofuel	0.13%	0.79%

These graphs represent the numbers contained in the "Average Fuel Type Comparison" chart (some numbers rounded).

PERCENTAGE OF FUEL TYPE USED TO PRODUCE XCEL ENERGY'S ELECTRICITY

(12 months ending 10/16)



AIRBORNE EMISSIONS & HIGH-LEVEL NUCLEAR WASTE COMPARISON

Xcel Energy vs. regional average (some numbers rounded)

Type of Emission/Waste	Xcel Energy average (lbs/MWh) (12 months ending 10/16 ³)	Regional average of all generation in Michigan, Illinois, Indiana, Ohio and Wisconsin (lbs/MWh) (12 months ending 07/16)
Sulfur Dioxide	0.4987	7.56
Carbon Dioxide	885	2,170
Oxides of Nitrogen	0.587	2.01
High-Level Nuclear Waste	0.006 ⁴	0.0083 ⁵

¹Nearly all of the electricity used by Xcel Energy customers in Michigan is produced outside of the state. These numbers are representative of Xcel Energy's Upper Midwest generation facilities.

²Includes electricity generated from landfill gas.

³Through the most recent month available.

⁴Carbon Dioxide emissions for the historical years 1998-2008 have been revised by EIA, due to changes in emission factors.

⁵High-level nuclear waste is based on discharged fuel for a time span of approximately two years in length ending in 2002.

Any questions regarding customer choice, please visit the Michigan Public Service Commission's Web page at <http://cis.state.mi.us/mpsc/electric/restruct/>. You also can contact Xcel Energy at 800.895.4999 for further information.

PERCENTAGE OF FUEL TYPE USED TO PRODUCE ELECTRICITY IN MICHIGAN, ILLINOIS, INDIANA, OHIO AND WISCONSIN

(12 months ending 07/16)

