Michigan Public Service Commission
Regional Electric Power Fuel Sources, Emissions, and Nuclear Waste
for Electric Supplier Disclosures for the Year 2005
Issued: May 2006

Fuel Source For the 12-month Period Jan - Dec 2005	**Regional Average Fuel Mix Used to Generate Electricity in Michigan, Illinois, Indiana, Ohio, and Wisconsin**
Coal	71.0 %
Nuclear	23.1 %
Gas	4.4 %
Oil	0.3 %
Hydroelectric	0.7 %
Renewable Fuels Total	0.5 %
Biofuel	- -
Biomass	0.1 %
Solar	- -
Solid Waste Incineration *	0.1 %
Wind	- -
Wood	0.3 %

Emission/Waste in Pounds per Megawatt-hour	**Regional Average for Fossil/Nuclear Generation for Michigan, Illinois, Indiana, Ohio, and Wisconsin**
Sulfur Dioxide	12.4 pounds
Carbon Dioxide	2,088.1 pounds
Nitrogen Oxides	4.98 pounds
High-Level Nuclear Waste	.0074 pounds

(1) *Includes landfill gas; (2) "- -" Not applicable or negligible; (3) Emissions rates are per megawatt of regional fossil generation; Nuclear waste rate is per megawatt of regional nuclear generation; (4) Sulfur Dioxide, Carbon Dioxide, and Nitrogen Oxides are calendar year 2002; (5) High level nuclear waste produced is based on discharged fuel for a time span approximately 2 years in length ending in 1998. This data is collected irregularly by the Department of Energy; the amount nuclear fuel burned (and discharged) per megawatthour has changed very little in recent years according to DOE.

Prepared by:Michigan Public Service Commission, Competitive Energy Division, May 2006.
Methods for Calculating Regional Electric Generation Fuel Mix and Emission Data
Template for Supplier Disclosure of Fuel Information

Prior Years:
Regional Power Source, Emissions and Nuclear Waste Disclosures - 2004
Regional Power Source, Emissions and Nuclear Waste Disclosures - 2003
Regional Power Source, Emissions and Nuclear Waste Disclosures - 2002

For Questions Concerning This Page Contact: Mark Nida