

**Michigan Public Service Commission**  
**Regional Electric Power Fuel Sources, Emissions, and**  
**Nuclear Waste**  
**for Electric Supplier Disclosures for the Year 2004**  
 Issued: December, 2003

<b>Fuel Source</b> For the 12-month Period July 2002 - June 2003	<b>Regional Average Fuel Mix</b> <b>Used to Generate Electricity in</b> <b>Michigan, Illinois, Indiana,</b> <b>Ohio, and Wisconsin</b>
Coal	70.4 %
Nuclear	23.1 %
Gas	4.5 %
Oil	0.6 %
Hydroelectric	0.6 %
Renewable Fuels Total	0.8 %
Biofuel	- -
Biomass	0.1 %
Solar	- -
Solid Waste Incineration *	0.2 %
Wind	- -
Wood	0.4 %

<b>Emission/Waste in</b> <b>Pounds per Megawatt-hour</b>	<b>Regional Average for</b> <b>Fossil/Nuclear Generation for</b> <b>Michigan, Illinois, Indiana,</b> <b>Ohio, and Wisconsin</b>
Sulfur Dioxide	18.7 pounds
Carbon Dioxide	2,094.5 pounds
Nitrogen Oxides	7.0 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 2001; (5) Nuclear waste produced is based on the most recent fuel cycles for the region's nuclear plants, ending in 1998 and approximately 2 years in length.

Prepared by: Michigan Public Service Commission, Competitive Energy Division, December 2003.

From [http://cis.state.mi.us/mpsc/electric/restruct/regional\\_disclosure/regional\\_notice.htm](http://cis.state.mi.us/mpsc/electric/restruct/regional_disclosure/regional_notice.htm)