

**Michigan Public Service Commission**  
**Regional Electric Power Fuel Sources, Emissions, and Nuclear Waste**  
**for Electric Supplier Disclosures for the Year 2007**

Issued: November 28, 2007

Fuel Source For the 12-month Period Sept 2006 - Aug 2007	Regional Average Fuel Mix Used to Generate Electricity in Michigan, Illinois, Indiana, Ohio, and Wisconsin
Coal	68.9 %
Nuclear	23.3
Gas	5.6
Oil	0.6
Hydroelectric	.6
Renewable Fuels: Total	1.0
Biofuel	--
Biomass	0.06
Solar	--
Solid Waste Incineration*	0.35
Wind	0.05
Wood	0.54

Emission/Waste	Regional Average for Fossil/Nuclear Generation for Michigan, Illinois, Indiana, Ohio, and Wisconsin Pounds per Megawatt-hour
Sulfur Dioxide	11.33
Carbon Dioxide	2,089.9
Nitrogen Oxides	3.25
High-Level Nuclear Waste	0.0083

(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 2005; (5) High level nuclear waste produced is based on discharged fuel for a time span approximately 2 years in length ending in 2002. This data is collected irregularly by the Department of Energy; the amount nuclear fuel burned (and discharged) per megawatt hour has changed very little in recent years according to DOE.

[Methods for Calculating Regional Electric Generation Fuel Mix and Emission Data \(2006 version\)](#)  
[Template for Supplier Disclosure of Fuel Information](#)

**Prior Years:**

[Regional Power Source, Emissions and Nuclear Waste Disclosures - 2007](#)

[Regional Power Source, Emissions and Nuclear Waste Disclosures - 2006](#)

[Regional Power Source, Emissions and Nuclear Waste Disclosures - 2005](#)

[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](#)

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Feb 2007.