

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

Fuel Source For the 12-month Period June 2001 - May 2002	Regional Average Fuel Mix Used to Generate Electricity in Michigan, Illinois, Indiana, Ohio, and Wisconsin
Coal	70.7 %
Nuclear	22.6 %
Gas	4.7 %
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 %

Emission/Waste in Pounds per Megawatt-hour	Regional Average for Fossil/Nuclear Generation for Michigan, Illinois, Indiana, Ohio, and Wisconsin
Sulfur Dioxide	19.9 pounds
Carbon Dioxide	2,117.2 pounds
Nitrogen Oxides	7.9 pounds
High-Level Nuclear Waste	.0074 pounds

(1) *Includes landfill gas; (2) "- -" Not applicable or negligible; (3) Regional fuel mix includes unpublished EIA non-utility generation data for gas, oil, hydro, renewable which is subject to large sampling errors; (4) Emissions rates are per megawatt of regional fossil generation; Nuclear waste rate is per megawatt of regional nuclear generation; (5) Sulfur Dioxide, Carbon Dioxide, and Nitrogen Oxides are calendar year 1999; (6) 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.