

Via Electronic Mail



March 14, 2005

Dear Generator Attributes Tracking System Working Group Members,

As you know, PJM Interconnection (“PJM”) was asked to develop a Generator Attributes Tracking System (“GATS”) which will gather electric generator fuel mix and emissions data that will be transferred onto certificates that can be used to prove that a generator, load serving entity or other entity has satisfied state renewable/alternative energy portfolio standards requirements. A special purpose entity, PJM Environmental Information Services, Inc., was incorporated by and through which GATS will be developed and administered. Until GATS is up and running, PJM has agreed to provide a PJM Regional Average label. To that end, PJM has calculated the 2004 Regional Average fuel mix and emissions of generation in the PJM service territory.

Attached is the label providing the 2004 Regional Average fuel mix and emissions. For all generating plants within PJM through this period, the primary fuel type was determined using 2004 EIA fuel data and applied to PJM’s 2004 Market Settlement Data. Emissions data were obtained exclusively from 2000 Emission and Generation Resource Integrated Database (E-GRID) data provided by the US EPA.

In a comparison with the 2003 PJM Regional Average label, notable changes in the fuel mix and emissions are evident in the 2004 PJM Regional Average label. This is due in large part to the inclusion of generators within the Northern Illinois Control Area for eight months of the reporting period and the American Electric Power and Dayton Power and Light service territories for three months of the reporting period.

Please contact me at 610-666-4427 if I may be of further assistance.

Sincerely,

Ruston Ogburn  
Engineer, Generation Department  
PJM Interconnection LLC

cc: State Commissions (via e-mail)

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## PJM Regional Average Disclosure Label for 2004

# Electricity Facts

PJM Regional Data

Electricity supplied from January 1, 2004 through December 31, 2004

### Supply Mix

The following distribution of energy resources was used to produce electricity in the PJM Region.

Coal	52.5670 %
Oil	1.0578 %
Natural Gas	6.8610 %
Nuclear	37.2126 %
* <i>Captured Methane Gas</i>	0.2176 %
* <i>Geothermal</i>	0.0000 %
* <i>Solar Voltaic</i>	0.0000 %
* <i>Solar Thermal</i>	0.0000 %
* <i>Solid Waste</i>	0.5860 %
* <i>Water</i>	1.3528 %
* <i>Wind</i>	0.1045 %
* <i>Wood</i>	0.0407 %
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Total	100.000 %
<b>*<i>Renewable Energy Resources Subtotal</i></b>	<b>2.3016 %</b>

### Air Emissions

Average Nitrogen Oxides (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>x</sub>), and Carbon Dioxide (CO<sub>2</sub>) emissions for the PJM Region.

<u>Emission Type</u>	<u>Lbs. per MWh</u>	<u>Percentage of PJM Regional Average</u>
Nitrogen Oxides (NO <sub>x</sub> )	2.8576	100.0 %
Sulfur Dioxide (SO <sub>2</sub> )	8.5055	100.0 %
Carbon Dioxide (CO <sub>2</sub> )	1194.4666	100.0 %

The benchmark emission levels that are shown approximate the emission rate for all electricity generation in the PJM region.

CO<sub>2</sub> is a "greenhouse gas" which may contribute to global climate change. SO<sub>2</sub> and NO<sub>x</sub> released into the atmosphere react to form acid rain. Nitrogen Oxides also react to form ground level ozone, an unhealthy component of "smog".

Note: Data from 2000 were used in the calculation of the emission profiles, as this was the latest available information at the time of processing.