

Environmental Information provided by Starion Energy PA, Inc.

District of Columbia Fuel Mix & Emissions Report

January 1, 2016 through June 30, 2016

This report provides environmental information for the electricity supplied by Starion Energy PA, Inc.

Power plants can generate electricity from a number of different fuel sources, resulting in different emissions. Starion will report fuel sources and emissions data to customers twice annually, allowing customers to compare data among the companies providing electricity service in the District of Columbia.

Source	% of Total
Coal	32.35%
Oil	0.18%
Natural Gas	25.46%
Nuclear	36.70%
Fuel Cell Non-Renewable	0.03%
Other	0.01%
<i>Renewable Energy</i>	
<i>Solar</i>	0.13%
<i>Wind</i>	2.57%
<i>Biomass</i>	0.00%
<i>Captured Methane Gas</i>	0.34%
<i>Water</i>	1.45%
<i>Geothermal</i>	0.00%
<i>Municipal Solid Waste</i>	0.55%
<i>Wood</i>	0.24%
Total	100.00%
Renewable Energy Resources Subtotal	5.27%

Fuel Mix by Source

The chart on the left shows an estimate of the percentage of each source for electricity supplied from January to June 2016.

Emission Type	Supplier's Mix (Lbs. per MWh)	% of Mid-Atlantic Regional Average
Carbon Dioxide (CO ₂)	939.15	100%
Nitrogen Oxides (NO _x)	0.694	100%
Sulfur Dioxide (SO ₂)	1.210	100%
CO ₂ is a "greenhouse gas" which may contribute to global climate change. SO ₂ and NO _x released into the atmosphere react to form acid rain. NO _x also react to form ground level ozone, an unhealthful component of "smog".		

Air Emissions

The data on the left reflects an estimate of the amount of air pollution associated with the generation of electricity supplied from January to June 2016.

This report includes data collected from PJM. The disclosure of this information is required by the District of Columbia Public Service Commission.

For more information about this report, contact Starion Energy at 1-800-600-3040 or info@starionenergy.com.