

Maryland Environmental Information for Standard Offer Service

The following environmental information is for Pepco customers with Standard Offer Service. Standard Offer Service is provided to those customers who have not chosen an alternative electricity supplier.

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

The standardized environmental data provided are for January 1, 2016 through December 31, 2016.

This disclosure is required by the Public Service Commission.

For additional information, visit our website at pepco.com.

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ENERGY SOURCE (FUEL MIX) JANUARY 1, 2016 THROUGH DECEMBER 31, 2016

Coal	34.3%
Gas	26.3%
Nuclear	34.7%
Oil	0.2%
Hydroelectric (> 30MW)	0.0%

Renewable Energy

Captured Methane Gas	0.3%
Geothermal	0.0%
Hydroelectric (< 30MW)	1.1%
Solar	0.1%
Solid Waste	0.5%
Wind	2.2%
Wood or other Biomass	0.3%
Unspecified Renewable	0.0%
Total	100%

Renewable energy resource subtotal: 4.5%

AIR EMISSIONS

The amount of air pollution associated with the generation of electricity for the PJM region, which includes Pepco, is shown below.

Pounds Emitted per Megawatt Hour of Electricity Generated

	Pepco	Mid-Atlantic Regional Average
Sulfur Dioxide (SO ₂)	1.3	1.3
Nitrogen Oxides (NO _x)	0.8	0.8
Carbon Dioxide (CO ₂)	992	992

CO₂ is a "greenhouse gas," which may contribute to global climate change. SO₂ and NO_x released into the atmosphere react to form acid rain. NO_x also reacts to form ground level ozone, an unhealthy component of "smog."



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