

# Environmental Information for Standard Offer Service Provided by Pepco

THIS DISCLOSURE IS REQUIRED BY THE  
DISTRICT OF COLUMBIA PUBLIC SERVICE COMMISSION

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 the District of Columbia.

The standardized environmental data provided are for January 1, 2016 through June 30, 2016.

For additional information, visit our website at [pepco.com](http://pepco.com).

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## ENERGY SOURCE (FUEL MIX) JANUARY 1, 2016 - JUNE 30, 2016

Coal	32.3%
Gas	25.5%
Nuclear	36.7%
Oil	0.2%
Unspecified Fossil	0.0%

### Renewable Energy

Captured Methane Gas	0.3%
Geothermal	0.0%
Hydroelectric	1.5%
Solar	0.1%
Solid Waste	0.6%
Wind	2.6%
Wood or other Biomass	0.2%
Unspecified Renewable	0.0%
<b>Total</b>	<b>100%</b>

**Renewable energy resource subtotal: 5.3%**

Although the renewable energy resource subtotal in PJM is 5.3%, this supply must comply on an annual basis with the District of Columbia Renewable Energy Portfolio Standard (RPS) requirements of 13.5% for the 2016 year. Pepco requires the Standard Offer Service suppliers to purchase renewable energy and RECs from approved resources in the District of Columbia and the PJM area.

## AIR EMISSIONS

The amount of air pollution associated with the generation of electricity production for Pepco and for the Mid-Atlantic region is shown below.

### Pounds Emitted per Megawatt Hour of Electricity Generated

	Pepco	Mid-Atlantic Regional Average
Sulfur Dioxide (SO <sub>2</sub> )	1.2	1.2
Nitrogen Oxides (NO <sub>x</sub> )	0.7	0.7
Carbon Dioxide (CO <sub>2</sub> )	939	939

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. NO<sub>x</sub> also reacts to form ground level ozone, an unhealthy component of "smog."



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