

## **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, 2010 through December 31, 2010.

This disclosure is required by the Public Service Commission.

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



## Energy Source (Fuel Mix)

### January 1, 2010 – December 31, 2010

Coal	49.4%
Gas	11.2%
Nuclear	34.7%
Oil	0.5%
Hydroelectric (> 30MW)	0.1%
<b>Renewable Energy</b>	
Captured Methane Gas	0.8%
Geothermal	0.0%
Hydroelectric (< 30MW)	1.0%
Solar	0.0%
Solid Waste	0.9%
Wind	1.2%
Wood or other Biomass	0.2%
Unspecified Renewable	0.0%
<b>Total</b>	<b>100%</b>
Renewable energy sources subtotal:	4.1%

## 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> )	5.6	5.7
Nitrogen Oxides (NO <sub>x</sub> )	1.4	1.4
Carbon Dioxide (CO <sub>2</sub> )	1,167	1,167

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."