

## Energy Source (Fuel Mix)

July 1, 2011 – June 30, 2012

Coal	43.1%
Gas	16.6%
Nuclear	34.5%
Oil	0.5%
Hydroelectric (> 30MW)	0.2%
Renewable Energy	
Captured Methane Gas	1.5%
Geothermal	0.0%
Hydroelectric (< 30MW)	0.8%
Solar*	0.0%
Solid Waste	1.1%
Wind	1.6%
Wood or other Biomass	0.1%
Unspecified Renewable	0.0%
Total	100%
Renewable energy sources subtotal:	5.1%

\*Solar is less than 0.04%

## 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> )	2.9	2.9
Nitrogen Oxides (NO <sub>x</sub> )	1.0	1.0
Carbon Dioxide (CO <sub>2</sub> )	1,100	1,100

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 unhealthful component of "smog."