

# 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, 2015 through December 31, 2015.

This disclosure is required by the Public Service Commission.

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

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## ENERGY SOURCE (FUEL MIX) JANUARY 1, 2015 THROUGH DECEMBER 31, 2015

|                        |       |
|------------------------|-------|
| Coal                   | 36.6% |
| Gas                    | 23.0% |
| Nuclear                | 35.8% |
| Oil                    | 0.3%  |
| Hydroelectric (> 30MW) | 0.0%  |

### Renewable Energy

|                        |             |
|------------------------|-------------|
| Captured Methane Gas   | 0.3%        |
| Geothermal             | 0.0%        |
| Hydroelectric (< 30MW) | 1.0%        |
| Solar                  | 0.1%        |
| Solid Waste            | 0.6%        |
| Wind                   | 2.1%        |
| Wood or other Biomass  | 0.2%        |
| Unspecified Renewable  | 0.0%        |
| <b>Total</b>           | <b>100%</b> |

**Renewable energy resource subtotal: 4.3%**

## 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 <sub>2</sub> )  | 1.6   | 1.6                           |
| Nitrogen Oxides (NO <sub>x</sub> ) | 0.8   | 0.8                           |
| Carbon Dioxide (CO <sub>2</sub> )  | 1,014 | 1,014                         |

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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