

# MARYLAND ENVIRONMENTAL FUEL SOURCE INFORMATION

The following environmental information is for Pepco 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 reports fuel sources and emissions data to customers twice annually, allowing customers to compare data among the companies providing electricity service in Maryland.

The electricity provided to Pepco's customers is supplied by the PJM Interconnection (PJM). PJM is the federally regulated regional transmission system operator that coordinates the movement of wholesale electricity in all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia and the District of Columbia.

The standardized environmental data provided are for January 1, 2019 – December 31, 2019. This disclosure is required by the Public Service Commission.

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

(continued on the reverse side)



An Exelon Company

## ENERGY SOURCE (FUEL MIX)

January 1, 2019 – December 31, 2019

|             |        |
|-------------|--------|
| Coal        | 23.78% |
| Natural Gas | 36.53% |
| Nuclear     | 33.95% |
| Oil         | 0.10%  |
| Fuel Cell   | 0.03%  |

### Renewable Energy

|                       |             |
|-----------------------|-------------|
| Captured Methane Gas  | 0.31%       |
| Geothermal            | 0.00%       |
| Hydroelectric         | 1.35%       |
| Solar                 | 0.33%       |
| Solid Waste           | 0.51%       |
| Wind                  | 2.94%       |
| Wood or other Biomass | 0.17%       |
| Unspecified Renewable | 0.00%       |
| <b>Total</b>          | <b>100%</b> |

**Renewable energy sources subtotal: 5.6%**

## 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> )  | 0.55   | 0.55                          |
| Nitrogen Oxides (NO <sub>x</sub> ) | 0.45   | 0.49                          |
| Carbon Dioxide (CO <sub>2</sub> )  | 851.19 | 851.19                        |

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."



An Exelon Company