

# Environmental Information

The following is for Potomac Edison customers with Standard Offer Service, which is provided to those customers who have not chosen an alternative electricity supplier under Maryland's Electric Choice Program.

Power plants generate electricity using a number of fuel sources, resulting in various emission levels. Potomac Edison reports fuel sources and emissions data to customers twice annually, allowing customers to compare data among the companies providing generation service in Maryland.

Because Potomac Edison is a member of the PJM regional transmission organization, the information on this notice includes regional energy sources and air emissions data, as calculated by PJM.

For additional information about this notice, contact Potomac Edison at 800-686-0011.

**This notice is required by the Maryland Public Service Commission.**

## Energy Sources (Fuel Mix)

These energy resources were used to generate electricity for the PJM region, which includes Potomac Edison, from Jan. 1 to Dec. 31, 2019.

Coal .....	20.40%
Fuel Cell – Non-Renewable .....	0.03%
Gas .....	36.50%
Nuclear .....	34.00%
Oil .....	0.10%
Other .....	0.01%

### Renewable Energy:

Captured Methane Gas .....	0.31%
Hydroelectric .....	1.35%
Solar .....	0.33%
Solid Waste.....	0.51%
Wind .....	2.90%
Wood or other Biomass .....	0.17%

**Total Renewable Energy .....** 5.60%

**Total Energy Resources .....** 100%

## Air Emissions

The amount of air emissions associated with the generation of electricity for the PJM region, which includes Potomac Edison, is shown below.

### *Pounds Emitted per Megawatt-hour of Electricity Generated*

Sulfur Dioxide (SO <sub>2</sub> ) .....	0.55
Nitrogen Oxides (NO <sub>x</sub> ).....	0.45
Carbon Dioxide (CO <sub>2</sub> ) .....	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, a component of “smog.”