



# Alpha Gas & Electric January 2021 Environmental Disclosure Label

Electric suppliers are required to provide customers with environmental disclosure labels. The label enables customers to look at the energy sources, air emissions, and information about the supplier’s company in order to make a more informed choice of a power supplier. Based on the most current data available at the time of filing, please see the environmental information for electricity offered by Alpha Gas and Electric, LLC below, based on the most current data available at the time of filing.

## ELECTRICITY FACTS

The following distribution of energy resources was used to produce electricity for the Pennsylvania load in the PJM Region.

Coal	19.19%
Oil	0.15%
Natural Gas	39.96%
Nuclear	34.63%
Renewables	5.61%
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Total	100%
(Actual total may vary slightly from 100% due to rounding)	

## AIR EMISSIONS

Average Nitrogen Oxides (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Carbon Dioxide (CO<sub>2</sub>) emissions for the Alpha Gas and Electric, LLC mix in Pennsylvania.

Emission Type	Lbs. per MWh
Nitrogen Oxides (NO <sub>x</sub> )	0.36
Sulfur Dioxide (SO <sub>2</sub> )	0.43
Carbon Dioxide (CO <sub>2</sub> )	786.17

The PJM system mix represents all resources used for electricity generation in the region. Alpha Gas and Electric, LLC purchases power from the PJM system mix.

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. Nitrogen Oxides also react to form ground level ozone, an unhealthful component of “smog.”