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## **Grid Power Direct, LLC**

July 2022 Pennsylvania Quarterly 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 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 Grid Power Direct, 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 for the 12-month period ending 05/31/2022.

Fuel Type	Percentage
Captured Methane – Coal Mine Gas	0.05 %
Captured Methane – Landfill Gas	0.19 %
Coal	21.73 %
Fuel Cell	0.03 %
Natural Gas	38.30 %
Gas (Propane and Other)	0.05 %
Hydro	1.20 %
Nuclear	32.96 %
Oil	0.18 %
Solar Photovoltaic	1.00 %
Municipal Solid Waste	0.49 %
Tired Derived Fuel	0.00 %
Wind	3.62 %
Black Liquor	0.01 %
Wood and Wood Waste Solids	0.18 %
Other	0.01 %
Total	100 %

<sup>\*</sup> Actual total may vary slightly from 100% due to rounding.

## **Air Emissions**

Average Nitrogen Oxides ( $NO_x$ ), Sulfur Dioxide ( $SO_2$ ), Carbon Dioxide ( $CO_2$ ) emissions for the Alpha Gas and Electric, LLC mix in Pennsylvania.

Emission Type	Lbs. per MWh
Nitrogen Oxides (NO <sub>x</sub> )	0.37
Sulfur Dioxide (SO <sub>2</sub> )	0.49
Carbon Dioxide (CO <sub>2</sub> )	835.75

## **Notes**

- 1. The PJM system mix represents all resources used for electricity generation in the region. Grid Power Direct, LLC purchases power from the PJM system mix.
- 2.  $CO_2$  is a "greenhouse gas" which may contribute to global climate change.  $SO_2$  and  $NO_x$  released into the atmosphere react to form acid rain. Nitrogen Oxides also react to form ground level ozone, an unhealthful component of "smog."