

Verde Energy USA DC, LLC | Information Disclosure Label

Electric suppliers and distribution companies are required to provide customers with a disclosure label. The label enables consumers 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.

Power Sources

Demand for electricity from all customers in the period 1/1/2022 – 12/31/2022 was met by the following sources.

Power Source	System Power	Total
Coal	20.15%	20.15%
Oil	0.21%	0.21%
Natural Gas	40.08%	40.08%
Nuclear	32.69%	32.69%
Other	0.14%	0.14%
Renewable Energy Resources		
Solar	1.10%	1.10%
Wind	3.79%	3.79%
Biomass	0.00%	0.00%
Captured Methane Gas	0.21%	0.21%
Water/Hydroelectric	0.98%	0.98%
Geothermal	0.00%	0.00%
Municipal Solid Waste	0.47%	0.47%
Wood/Wood Waste	0.18%	0.18%
Renewable Energy Subtotal	6.73%	6.73%
Total	100.00%	100.00%

Air Emissions

The amount of air pollution associated with the generation of electricity for this region is shown in the table below.

Pounds Emitted per Megawatt Hour of Electricity Generated

Sulfur Dioxide (SO₂) 0.44 lbs

Nitrogen Oxides (NO_x) 0.33 lbs

Carbon Dioxide (CO₂) 810.83 lbs

CO₂ is a “greenhouse gas,” which may contribute to global climate change. SO₂ and NO_x released into the atmosphere react to form acid rain. NO_x also reacts to form ground level ozone, an unhealthful component of “smog.”

Label Definitions

Power Sources: Verde Energy USA DC, LLC procures its electricity supply, on behalf of its customers, from system power contracts, not from specific generating units.

System Power represents power purchased in the regional electricity market. The System Power distribution presented in the table is based on the most recently available information provided via PJM Environmental Information Services. When you choose a power supplier, that supplier is responsible for generating and/or purchasing power that is added to the power grid in an amount equivalent to your electricity use. Known Resources include resources that are owned by, or under contract to, the supplier. System Power represents power purchased in the regional electricity market. Biomass refers to power plants that are fueled by wood or other plant matter.

Emissions for each of the following pollutants are presented as a percent of the regional average emission rate.

Carbon Dioxide (CO₂) is released when fossil fuels (e.g., coal, oil, and natural gas) are burned. Carbon dioxide is a greenhouse gas and a major contributor to global warming.

Nitrogen Oxides (NO_x) forms when fossil fuels and biomass are burned at high temperatures. They contribute to acid rain and ground-level ozone (or smog), and may cause respiratory illness in children with frequent high level exposure. NO_x also contributes to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

Sulfur Dioxide (SO₂) forms when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO₂ include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO₂ combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

Verde Energy USA DC, LLC is a member of the PJM regional transmission organization; therefore, the environmental information contained herein includes regional data calculated by PJM. For additional information about this label, contact Verde Energy USA DC, LLC at 1-800-388-3862.