

# BlueStar Energy Solutions Environmental Disclosure Statement In Ameren's Service Territory



The disclosure of this information is required under Section 16-127 of the Electric Service Customer Choice and Rate Relief Law of 1997 and the rules of the Illinois Commerce Commission, 83 Ill Admn. Code 421.

When you choose a retail electric supplier, that supplier is responsible for purchasing power that is added to the power grid in an amount equivalent to your electricity use. Electricity customers served by BlueStar Energy that are located in Ameren's service territory are supplied by residual power purchased from the MISO, the local regional transmission organization. BlueStar Energy does not provide power from any particular generating facilities; rather, the MISO residual power purchased by BlueStar Energy consists of electricity from a variety of power plants that MISO then transmits throughout the region as needed to meet the requirements of all customers in the MISO territory.

BlueStar Energy reports fuel sources and emissions data from MISO to its customers quarterly, allowing customers to compare data among the companies providing electricity service in Illinois. This product mix is subject to change and is updated on a quarterly basis.

## Average Amounts of Emmissions and Amount of Nuclear Waste per 1000 kilowatt-hours (kWh) Produced from Known\* Sources for the 12 months ending December 31, 2011

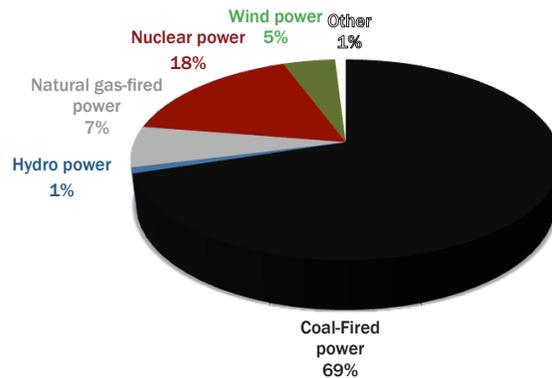
### Air Emissions

Average Nitrogen Oxides (NOx), Sulfur Dioxide (SOx), and Carbon Dioxide (CO2) emissions for the residual mix used by BlueStar in the PJM Region as compared to the overall Supply Mix.

Carbon Dioxide	1,625 lbs.
Nitrogen Oxides	1.10 lbs.
Sulfur Dioxide	3.24 lbs.
High-level nuclear waste	0.0010 lbs.
Low-level nuclear waste	0.0002 ft <sup>3</sup>

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

## Sources of Electricity Supplied for the 12 months ending December 31, 2011



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### MISO Residual Mix

The following distribution of energy resources was used to produce electricity in the MISO Region from the Residual Mix.

Biomass power	0%
Coal-fired power	69%
Hydro power	1%
Natural gas-fired power	7%
Nuclear power	18%
Oil-fired power	0%
Solar power	0%
Wind power	5%
Other resources	1%
Unknown resources purchased from other companies	0%
<b>TOTAL</b>	<b>100%</b>

The MISO System average emission levels are based on data for the system mix for the fourth quarter, 2011.

NOTE: \*Sources of Electricity Supplied for the 12 months ending December 31, 2011. The disclosure of this information is required under Section 16-127 of the Electric Service Customer Choice and Rate Relief Law of 1997 and the rules of the Illinois Commerce Commission, 83 Ill Admn. Code 421.

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Additional information on companies selling electrical power in Illinois may be found at the Illinois Commerce Commission World Wide Web site [www.icc.illinois.gov](http://www.icc.illinois.gov).