

PE-09

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Environment

Clean Energy

- Solar
- Landfill Gas
- Nuclear
- Hydroelectric
- Natural Gas
- **Wind**

Energy Efficiency

Vegetation Management
 Lake of the Ozarks
 Pure Power
 Integrated Resource Plan
 Renewables Compliance

Utility Scale Wind-Powered Electric Generation

As part of our diversified generation portfolio, we purchase 102 MW of wind power from Phase II of Horizon Wind Energy's Pioneer Prairie Wind Farm in Iowa. This is enough energy to power 26,000 average households. This wind power ties into the Midwest Independent System Operator (MISO) transmission grid, of which we are a member. Ameren Missouri began using wind power in June 2009 as part of an agreement with Pioneer Prairie.

Fun fact

The St. Louis Gateway Arch is 630 feet tall. A Suzion 2.1 MW wind turbine is 404 feet in total height. The turbine tower itself (without turbine blades) is 262 feet tall.

Additional wind power links

- [American Wind Energy Association \(AWEA\)](#)
- [Wind Technologies Program \(DOE\)](#)
- [Wind Resource Information \(NREL\)](#)

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