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Environment

- Clean Energy
- Energy Efficiency
- Vegetation Management
- Lake of the Ozarks
- Pure Power
- Integrated Resource Plan**
- Renewables Compliance



[2014 IRP](#)

[What Is an IRP](#)

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2014 Integrated Resource Plan

Ameren Missouri's Integrated Resource Plan (IRP) was filed Oct. 1 with the Missouri Public Service Commission (PSC). It is a 20-year plan that supports cleaner energy in Missouri, including major expansions of solar and wind power. The IRP, which is filed every three years with the PSC, examines electric customers' projected long-term energy needs and describes our preferred approach to meeting those needs in a cost-effective fashion that maintains system reliability as it moves to cleaner and more diverse sources of energy generation.

Specifics of our plan include:

- Significantly expanding renewable generation by adding 400 megawatts (MW) of wind power, 45 MW of solar, 28 MW of hydroelectric and 5 MW of landfill gas.
- Continuing to offer energy efficiency programs to customers through our [ActOnEnergy](#) program and adding demand response programs when they are cost-effective.
- Retiring approximately one-third (about 1,800 MW) of Ameren Missouri's current coal-fired generating capacity. This includes converting two units at Meramec Energy Center to natural gas in 2016, and retiring the remaining units at Meramec by the end of 2022 and the Sioux Energy Center by the end of 2033.
- Reducing emissions of Ameren Missouri's existing coal fleet by continuing to make investments in pollution-control equipment.
- Adding 600 MW of efficient combined-cycle and clean-burning natural gas generation in 2034.
- Constructing a second solar energy center in 2016 that would be the largest in Missouri. Earlier this year, we broke ground on our first solar energy center in O'Fallon, Mo., which is scheduled for completion later this year.

Ameren Missouri is focused on adding nearly 500 MW of renewable power generation, which, together with other planned changes to generation resources, would allow us to achieve a 30% reduction in carbon dioxide emissions by 2035, based on 2005 levels. Our planned CO₂ emissions reductions by 2035 position the company to address the CO₂ reductions proposed in June by the federal Environmental Protection Agency (EPA). The EPA's Clean Power Plan targets a 30% reduction in CO₂ emissions from the power sector by 2030. Our IRP allows us to achieve significant reductions in CO₂ emissions over a slightly longer time frame but would save our customers an estimated \$4 billion.

We are committed to accomplishing this transition to cleaner energy in a way that is cost-effective and environmentally responsible while maintaining the reliability our customers expect.

Investing in Missouri / 2014 Integrated Resource Plan

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