

RUSH ISLAND ENERGY CENTER

Providing customers affordable, reliable energy since 1976.



Rush Island is the third-largest energy center operated by Ameren Missouri. It is located in Jefferson County near Festus, Missouri, where it provides customers with safe, reliable and affordable energy. Ameren Missouri has invested in numerous updates at the facility over the years, enabling it to continually operate well within regulatory limits.

Rush Island is one of the most efficient energy centers in the Midwest and the country. Over the past five years, it has ranked in the top 10% among peers when ranked by cost per megawatt-hour of generated energy and has won numerous awards as a top energy producer.

IN 2020, RUSH ISLAND PRODUCED ENOUGH ENERGY TO POWER MORE THAN 638,000 HOMES FOR THE YEAR.

Environmental Performance

For many years, Rush Island's two generating units have been the lowest emitting NO_x generators in their class. Emissions continue to go down at Rush Island and across all of Ameren Missouri's operations. Since 2005, carbon emissions have dropped approximately 31%. NO_x emissions are 78% below EPA standards and SO₂ emissions are 77% below Missouri standards.

Ameren has committed to a net-zero carbon emissions goal by 2050 with strong interim goals of a 50% carbon emissions reduction by 2030 and an 85% reduction by 2040, based on 2005 levels. The continued safe, reliable and affordable operations at Rush Island and Ameren Missouri's other energy centers are fundamental to incorporating a transformational amount of new wind and solar energy in the coming years, as Rush Island is available when needed to provide customers energy in times of critical need, including during summer heat waves and winter freezing events.

Economic Engine

It takes more than 150 Ameren co-workers, who live in the surrounding area, to keep Rush Island operating efficiently.

Recent upgrades, mostly environmental, have resulted in hundreds of additional jobs for contractors. The energy center also supports local vendors and contributes to the area's tax base.



Ameren Missouri plans to add 3,100 megawatts of wind and solar generation by 2030. That's almost three times the size of Rush Island's current generation.

