

# What is an IRP?

Climate Change  
Pure Power  
Environmental Stewardship  
Renewables  
Lake of the Ozarks  
Energy Efficiency  
Hydroelectric Reports  
Vegetation Management  
Integrated Resource Plan

## Stewardship



What is an IRP

Customer Report

Energy Efficiency Study

Stakeholders

## What is an IRP?

### Planning for Missouri's Secure Energy Future

Ameren Missouri is focused on energy planning to ensure that Missouri and its citizens have an abundant, reliable and affordable supply of energy today and for decades to come. We recognize a reliable energy supply is essential to our state's economy and our way of life.

Every three years, Ameren Missouri completes a review and analysis of the options we have to meet present and future energy needs. The results are called our Integrated Resource Plan (IRP).

The IRP describes our projected need for additional electric generation and resource options to meet consumer needs while also balancing reliability, energy efficiency, affordable cost and environmental pressures.

Ameren Missouri understands the importance of these decisions and has engaged the assistance of outside [stakeholders](#) in this process. Now we want to hear from [you](#). Our hope is that the IRP will spur discussion across the state about the best solutions to meet our energy challenges.

- ✦ What is an Integrated Resource Plan?
- ✦ How often does Ameren Missouri file an IRP?
- ✦ Is the IRP approved by the Missouri Public Service Commission?
- ✦ What types of power plant technologies has Ameren Missouri evaluated?
- ✦ How does Ameren Missouri estimate energy efficiency opportunities?
- ✦ Does Ameren Missouri plan to build any renewable resources?

# What is an IRP? Questions expanded



## **- What is an Integrated Resource Plan?**

The IRP describes the company's projected need for additional electric generation in the next 20 years, as well as an assessment of how we might meet those needs. The plan takes into consideration factors such as how the uncertainty surrounding future environmental regulations will impact our ability to generate electricity, and regional economic challenges.

## **- How often does Ameren Missouri file an IRP?**

An IRP is filed every three years with the Missouri Public Service Commission.

## **- Is the IRP approved by the Missouri Public Service Commission?**

No. The Commission determines if Ameren Missouri has an adequate planning process rather than approving the details of the plan.

## **- What types of power plant technologies has Ameren Missouri evaluated?**

Ameren Missouri has evaluated many types of generation including: coal-fired plants, nuclear energy, natural gas combustion turbines, solar, wind, hydroelectric, landfill gas-to-energy and biomass to determine which resources best meet future demand.

## **- How does Ameren Missouri estimate energy efficiency opportunities?**

The effectiveness of any energy efficiency program depends on customer acceptance. Ameren Missouri has measured energy efficiency opportunities for our customers in what's called a [Potential Study](#). This report estimates how much energy savings could be accomplished in our service territory and is the basis for energy efficiency planning in the IRP.

## **- Does Ameren Missouri plan to build any renewable resources?**

Yes. Ameren Missouri is currently building the Maryland Heights Renewable Energy Center where methane gas from rotting trash will be burned to produce electricity. We also installed solar panels at our headquarters as part of a pilot project to better understand the future of solar in Missouri. Our renewable energy portfolio will comply with Missouri requirements.

# Customer Report

NOTE: When received, "entire IRP" will be a link to the full report.



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## Customer Report

In 2010, Ameren Missouri launched a planning process to create our [Integrated Resource Plan](#) (IRP). Learn more by viewing our [IRP video](#).

The Customer Report offers an overview of our planning process and preferred options for ensuring adequate future energy supply, while protecting the environment and minimizing costs. You can read the entire IRP or the Customer Report below.

### Customer Report

- [A Message From Ameren Missouri's Chief Executive Officer](#)
- [What is an Integrated Resource Plan?](#)
- [What are the critical drivers that determine the future?](#)
- [What are our future resource options?](#)
- [What are the relative costs of each option?](#)
- [What are the key factors we consider in making our choices?](#)
- [What is Ameren Missouri's point of view on these factors?](#)
- [What is our best view of future generation alternatives?](#)
- [The Top Alternatives](#)
- [Where do we go from here?](#)

[E-mail](#) us your thoughts and questions regarding the plan. We hope you found it valuable.



# Energy Efficiency Study

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## Energy Efficiency Study

In January 2010, Ameren Missouri published the results of a major research study aimed at understanding the potential for energy efficiency improvements in customers' homes and businesses. To understand your energy efficiency plans and future needs, we used a third-party vendor to survey more than 4,000 of our residential and commercial customers using both online and onsite surveys.

### Types of survey questions asked

- When do you use energy and how do you use it?
- What types of equipment and/or systems do you have?
- What types do you plan on purchasing in the future?
- What can Ameren Missouri do to help you conserve or buy more efficient products?

### Acting now...while planning for the future

Upgrades like efficient lighting, advanced heat pumps, improved building shells, and automated control systems have the potential to reduce Ameren Missouri's usage by 7% to 11% in 2030. By combining these measures with possible peak reducing programs, like Ameren Missouri signaling certain customers to reduce usage or charging higher rates during peak hours, the 2030 peak demand needs could be reduced by 19% to 26%.

We've already begun to act on these issues with our [Act On Energy](#) programs, and this research study is helping us plot our course far into the future. As part of our on-going [Integrated Resource Planning](#), we plan to continue gathering customer information to improve the energy efficiency of homes, businesses, schools, governments, and industries – all so we can help our customers manage energy costs, enhance system reliability, and address environmental issues.

### Demand Side Management (DSM) Market Potential Study

The details of the study are documented in this four-volume report:

[Volume 1: Executive Summary](#)

[Volume 2: Market Research](#)

[Volume 3: Analysis of Energy Efficiency Potential](#)

[Volume 4: Program Analysis](#)

Stewardship



It's building something better and giving something back.

# Stakeholders



[My Home](#) • [My Business](#) • [Community](#) • [Careers](#) • [Environment](#) • [Media](#) • [Act On Energy](#) • [About Us](#)

## Environment

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[Vegetation Management](#)  
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## Accountability



It's owning your  
actions and feeling  
good about it. [\(more\)](#)



## Securing Missouri's Energy Future

Ameren Missouri recently completed an in-depth analysis on ways to meet the present and future energy needs of Missourians. Learn more with our [video](#).

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## IRP Stakeholder Group

- [Missouri Public Service Commission Staff](#)
- [Missouri Office of Public Counsel](#)
- [National Resources Defense Council](#)
- [Missouri Department of Natural Resources](#)
- [Missouri Energy Group](#)
- Missouri Industrial Energy Consumers (no website)
- [MPUA: Missouri Public Utility Alliance](#)



# Integrated Resource Plan

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