



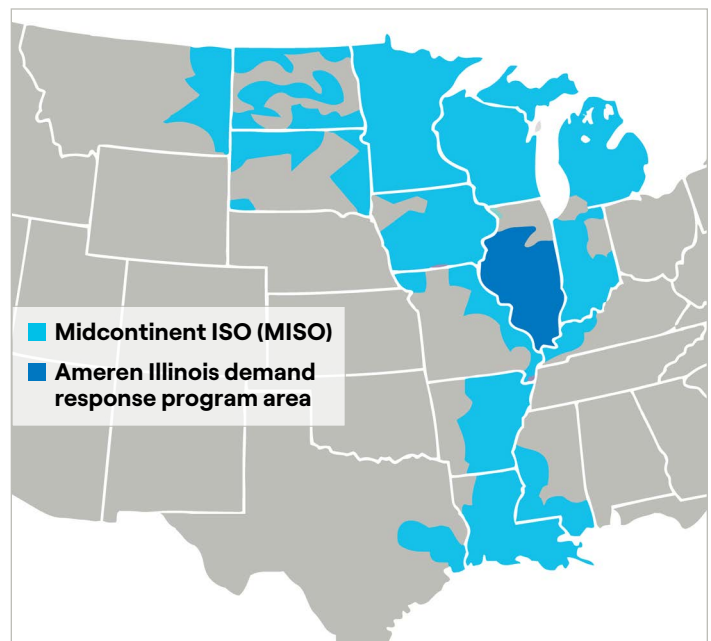
Demand Response in Ameren Illinois

Earn payments for reducing energy consumption

Enel and Ameren Illinois are partnering to offer commercial, institutional, and industrial organizations incentive payments for participating in a program to maintain a reliable and cost-effective electric grid. In this program, large energy consumers can earn payments for making targeted energy reductions during periods of peak demand. Enel, the world leader in demand response, connects large energy consumers to these programs and ensures that they can maximize their payments while keeping operational disruption to a minimum. Meanwhile, Ameren Illinois can make the grid more efficient and continue to keep energy prices among the lowest in the nation. Read on for answers to some frequently asked questions about demand response with Enel and Ameren Illinois.

Program overview

Program period & hours	Year Round, 24x7, Summer, Fall, Winter, and Spring Seasons
Payments	Capacity & Energy: earn \$40,000/MW-yr in capacity payments and no penalties
Dispatch notification	At least 60 minutes prior to event; Enel usually sends out a "High Alert" notice multiple days in advance
Dispatch duration	4 hours maximum
Dispatch frequency	Historically there have been 0 – 1 dispatches, per year
Participation requirements	225 kW minimum load shed commitment per site
Generator eligibility	Properly permitted generators are eligible
Audit requirement	1-hr annual test; test is pre-scheduled during the summer season



What is demand response?

Demand response programs provide an opportunity for commercial, institutional, and industrial organizations to earn incentive payments while helping maintain a reliable electric system. When the electric grid faces supply and demand constraints, utilities and grid operators dispatch Enel’s demand response network, which is made up of local organizations that have agreed to reduce energy usage during these times of high demand. Program participants earn payments for agreeing to be on standby and curtailing electricity consumption when called upon in response to these events.

What are the benefits?

- **Maximize payments to your bottom line:** Enel manages your participation from start to finish, ensuring you earn the highest possible financial reward. Since 2003, our customers have earned over \$1B in payments.
- **Improve your facilities’ resilience:** In addition to the payments, participants receive advanced notification of grid stability issues, enabling them to proactively protect their facilities from potential power outages.
- **Support your community:** Your participation helps maintain reliable, low cost electricity in your community.



Springfield, Illinois

How do I participate?

Enel makes participation easy. We take care of the complex details so you can focus on running your business.

1. Our expert team will work with you to identify your energy reduction potential and create a strategy that delivers maximum value with minimum impact on your operations. We outline these measures in a customized Energy Reduction Plan.
2. In some cases, we install necessary metering devices at your facility to establish communication with our Network Operations Center (NOC), so we can monitor your energy consumption levels in real time.
3. Your site is then enrolled and ready to respond when a dispatch begins. Provided your site has Enel metering, [log in to the app](#) at any time during a dispatch to view your real-time performance.
4. Throughout the process, we fully manage enrollment, measurement, verification and payments on your behalf.

What can I expect during a dispatch?

- **Notification:** When Ameren Illinois anticipates high demand on the grid, it dispatches the Enel network into action. Enel will notify you via email, phone, strobe light, or SMS, depending on your preferences, to inform you when the dispatch will begin.
- **Response:** At the start of the dispatch, your facility will reduce its electricity usage according to your predetermined Energy Reduction Plan – either manually or, if requested, automatically by Enel’s NOC.
- **Support:** Before, during, and after a dispatch, our NOC remains in communication with your facility. Our staff is available 24x7x365, supporting you to ensure that you achieve the highest possible levels of performance and payments.

What types of reductions can I make?

Enel has extensive experience creating energy reduction strategies that work within the operational limitations of a wide variety of facilities, including cold storage, manufacturing, food processing, universities, malls, office buildings and more. We can also help to implement full control systems that allow your electric load to be toggled remotely.

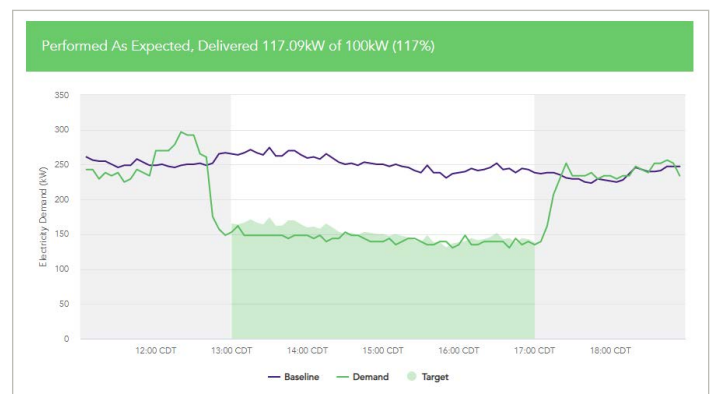
Common reduction examples include:

- Modify manufacturing processes
- Adjust HVAC equipment
- Dial back pumps
- Change settings in industrial freezers
- Reduce non-essential lighting

Customers often facilitate dispatch participation by simply shifting many of their energy-intensive processes by a few hours. Ask us about our experience working with customers like you.

How do I sign up?

Our experts are standing by to speak with you about your organization’s DR opportunity. Submit your information [here](#) to get started.



Enel provides on-demand access to your real-time energy data – giving you the information you need to perform your best during demand response events and to better manage overall energy costs.