

Ameren Missouri – Business Demand Response Program (BDRP)



Program Season

May – September



Program Hours

24 hours,
Non-holiday weekdays



Dispatch Notice

60 minutes

Program Guidelines

Dispatch Trigger

BDRP is a peak shaving program that reduces Ameren Missouri’s peak demand and maintains reliable electricity. Ameren Missouri issues dispatches when the system-wide demand approaches critical peak levels, typically on afternoons with record high temperatures. To ensure a reliable and efficient power grid, your participation is vital.

Participation Options

Curtail or transfer electrical load to a back-up generator or qualified storage system.

Enrollment Strategy

Enel X will work with you to determine your site’s enrollment value based on the electrical load pattern at your facility, performance in your dispatch readiness test, and information regarding your site’s operations. Enel X may adjust this value based upon dispatch performance history and other feedback.

Audit Requirements

If two dispatches do not occur by August 15, Ameren Missouri may audit the portfolio up to two times before September 30. These one-hour audits will confirm your ability to deliver your enrolled kW value.

Dispatch Timing & Duration

Dispatches typically occur in the afternoons, between 3 p.m. – 7 p.m. Dispatches do not exceed 4 hours.

In most cases, Ameren and Enel X provide visibility into forecasted events by sending a day-ahead alert, followed by an advance notice on the day of an event. Rarely, however, there may be a true grid emergency and you will have at least one hour to reduce your load.

(continued on back)

Baseline Definition



The two components of the program baseline are:

- > **Shape:** Your baseline shape looks at the highest 4 usage days of the 5 business days prior to the dispatch. Your average demand is calculated in 15-minute intervals.
- > **Height:** Ameren Missouri may adjust your baseline up or down to reflect your consumption *during the 2-hour window immediately preceding the start of the hour when you were notified of the dispatch*. For example, if notified at 2:30 p.m., the adjustment window would be 10 a.m. – 12 p.m. or if notified at 1:15 p.m., the adjustment window would be 11 a.m. – 1 p.m.

Performance Measurement

Ameren measures performance for every 15-minute interval during a dispatch by averaging the difference between your site's demand and the adjusted baseline. Any minimum performance requirements are stated in your agreement.

Keys to Success:

1. Begin your energy reduction as soon as you can before the dispatch start time to ensure you are able to reach your contribution target on time.
2. Execute your full participation plan and verify that equipment does not return to normal operational settings during the dispatch.

Payment Calculation

We calculate payment based on the average delivered kW across all dispatches in the program period, multiplied by the \$/kW-year rate stated in your agreement.

To achieve your full earning potential, be sure to maintain your energy reduction target throughout every dispatch in a season. Underperformance may result in reduced enrollment and earning potential for future seasons.