
Ameren Missouri BDRP





Agenda

1. Introductions
2. Program Overview
3. Qualification Process

We are Enel, a global leader in the energy transition



Enel has pledged **zero carbon** by 2040

\$190 B

Invested in clean energy by 2030



Enel is the world's largest private player in **renewables**

By installed capacity. Includes renewable managed capacity.

11.4 GW

Renewable capacity in North America
61 GW globally



Enel is a world leader in **demand response (DR)**

4.9 GW

DR capacity in North America
9.6 GW globally



Enel manages a large portfolio of **DR resources**

9,000+

Customer sites enrolled in North American DR markets with Enel



Enel has partnered with Ameren Missouri business demand response customers since 2019



Customers in the Ameren Missouri territory are eligible to participate in this bilateral demand response program

- Enel works with **1150+** Ameren Missouri demand response Facilities
- **5+** year track record providing demand response services in the market
- Continued growth and innovation in the market



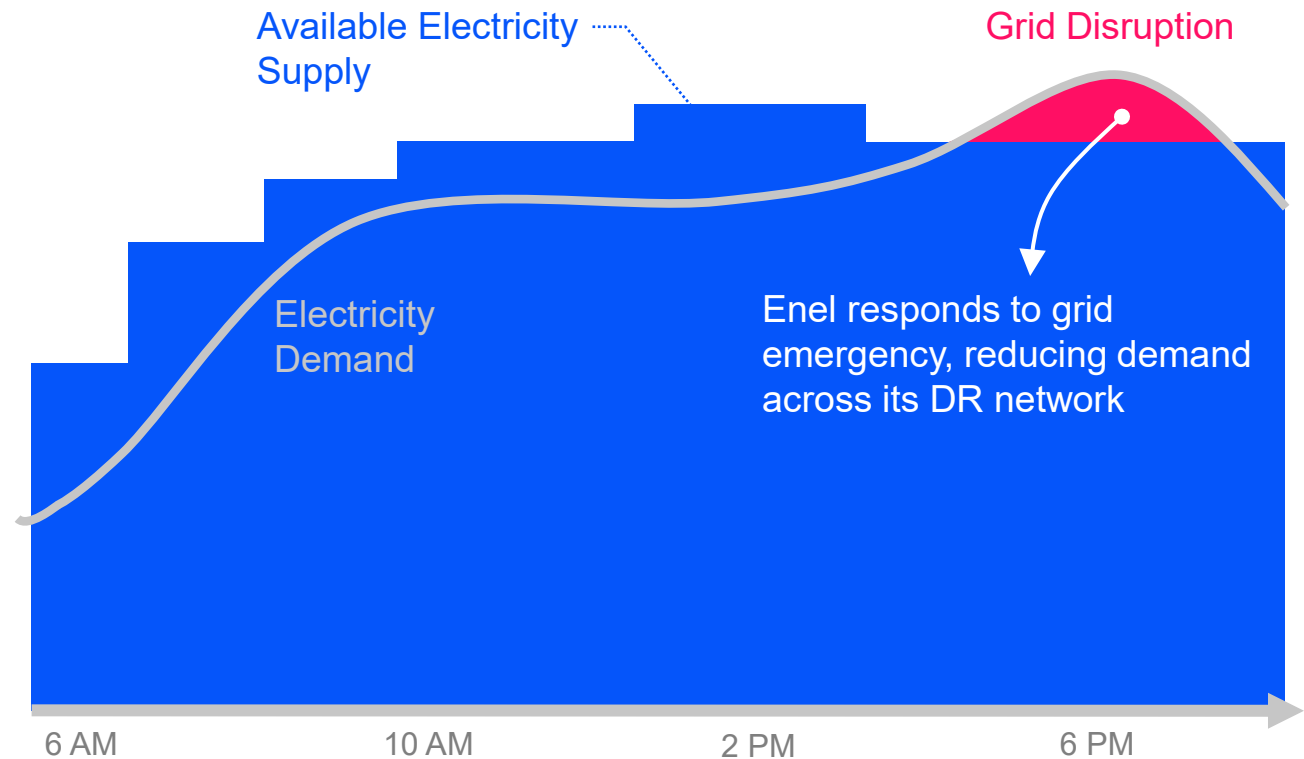
What is demand response (DR)?

Demand response programs pay companies to reduce energy use in response to emergencies that threaten grid stability



DR is a vital resource for grid stability. It helps balance the grid in a cost-effective and environmentally conscious way.

- As demand ramps up throughout a high-demand day, electricity supply ramps up ahead of it.
- Eventually, electricity demand may surpass available generation levels. Blackouts and brownouts may occur.
- Instead of requiring the grid operator to search for or generate more supply, DR participants help the grid by simply reducing their energy usage to prevent an imbalance that threatens grid stability.



Benefits of demand response



Earn Payments



Increase Sustainability



Improve Operational Reliability



Strengthen the Grid

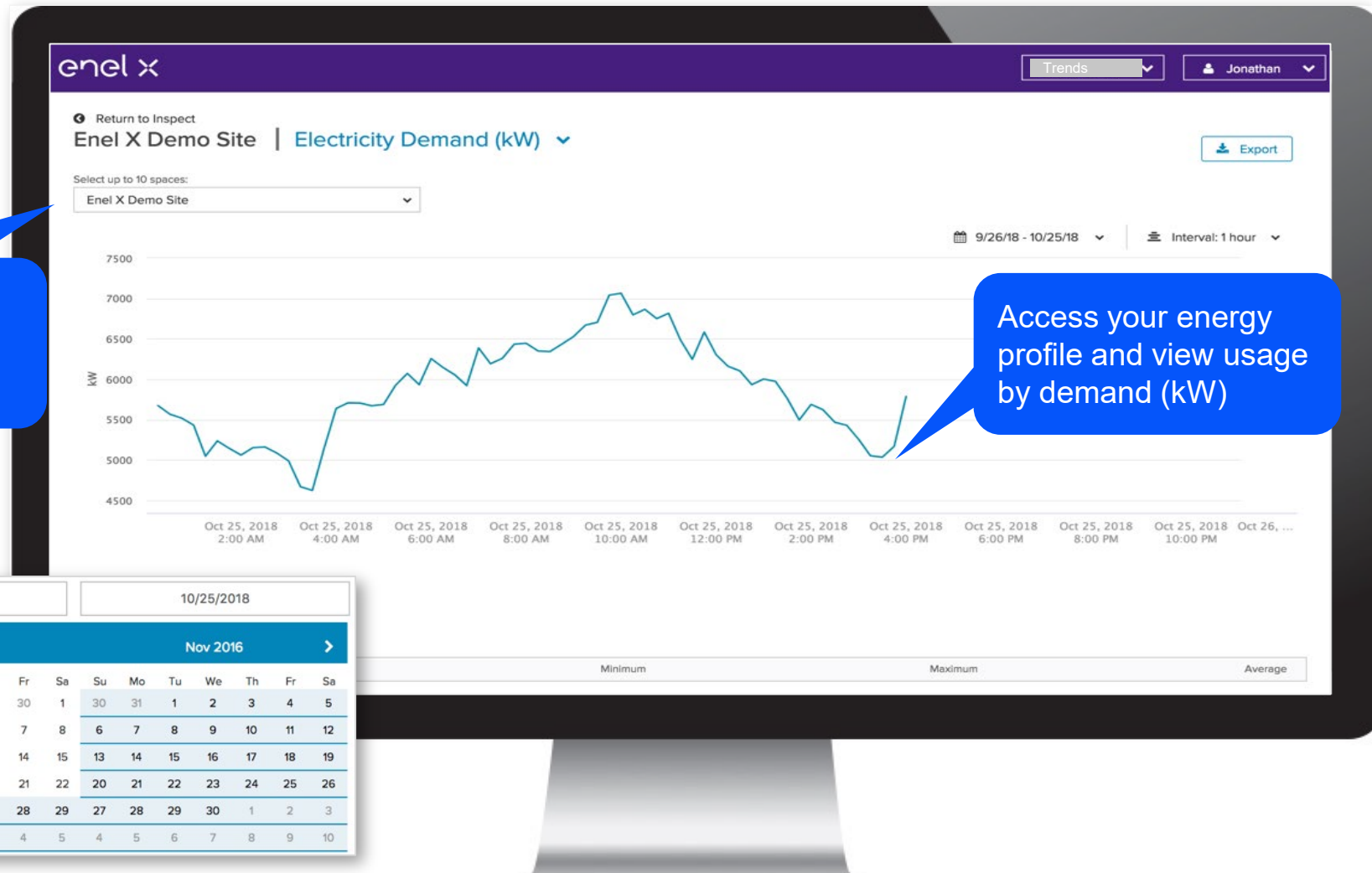
Get Access to Robust Energy Data

Real-time monitoring provides detailed energy interval data



Customize the time range and your data granularity – down to 5 minute intervals

Access your energy profile and view usage by demand (kW)



Program Details



Hours of Availability



June 1 - May 31
24 x 7

**Summer season participation required,
other seasons are optional*

Testing Requirements



Requires two (2) **annual tests** (1 hr.) in the absence of any emergency dispatches

Dispatch Timing

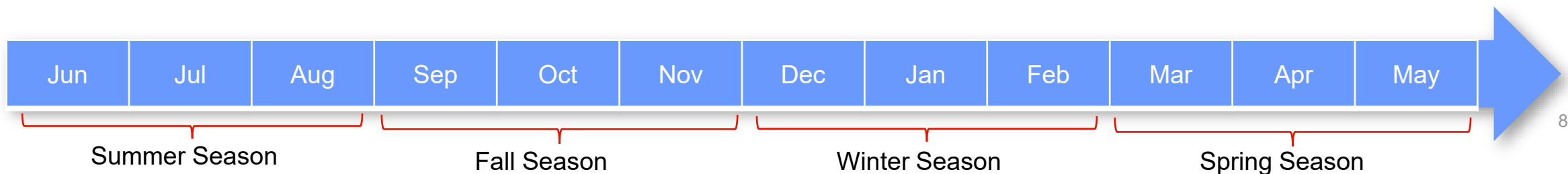


Emergency events most likely to occur in **late afternoon in summer** and **early morning in winter**

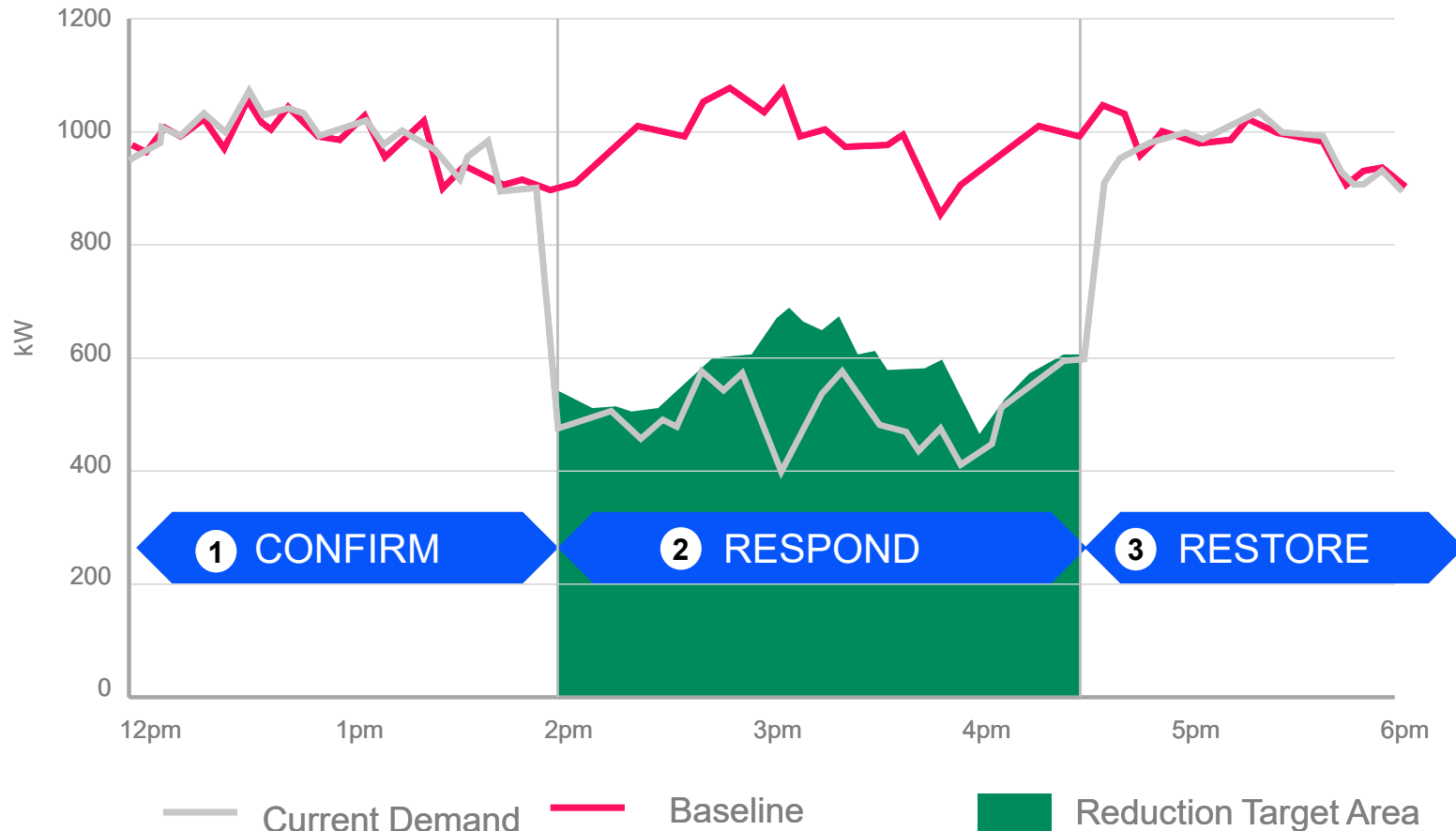
Advance Notice



Max of **6 hours** before dispatch start, with additional advance warnings where possible



When an Ameren dispatch occurs, Enel will notify you 6 Hours before the event starts



1. Confirm

When a dispatch is called, we immediately notify your site contacts via phone, text and/or email.

2. Respond

Your site responds by curtailing load or shifting load to a generator, manually or automatically

3. Restore

When the dispatch is over, your operations can return to normal levels.

Demand Response Qualification Process



Enel has a straightforward process to help decide whether DR makes sense for your sites

1. Data Analysis:

We collect and analyze your bills and usage to establish a business case for DR enrollment.

- Our IDA (Interval Data Analysis) tool is best-in-class at validating your DR potential, based on actual data from your site.

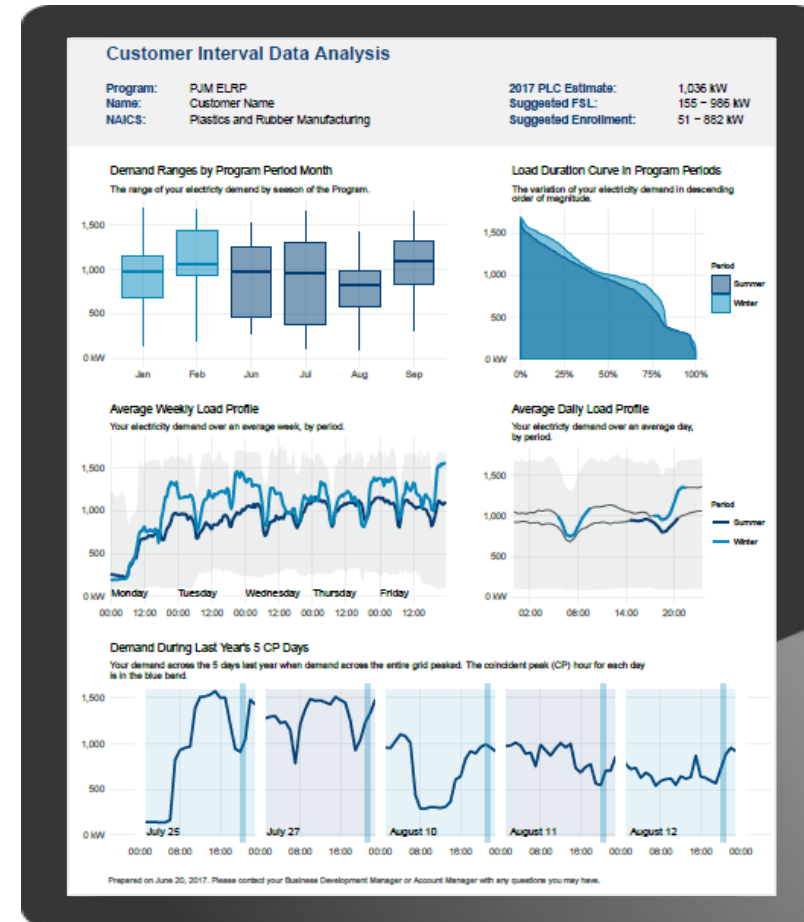
2. Technical Validation:

We meet with key stakeholders to determine your operational feasibility.

- In addition to your load profile, we factor your operational schedule and equipment intended for curtailment to assess the opportunity.

3. Business Case Go/No-Go:

We review the business case with key stakeholders to come to the best decision for your organization.



Enel's Interval Data Analysis Sample Output

Ameren Missouri demand response participation



A new revenue source without any exposure to out-of-pocket costs!

Reduction Amount	Annual Payment*	6 Year Earnings Total
300 kW	\$14,400	\$86,400
500 kW	\$24,000	\$144,000
1,000 kW	\$48,000	\$288,000

- No costs required to participate
- No exposure to out-of-pocket penalties
- We help you maximize your earnings

**Payment is based on a fixed rate of \$48,000 / MW-yr*



Thank you!

