

# Tennessee Valley Authority (TVA) Demand Response

## Program Guidelines



### Program Seasons

Summer: April – October  
Winter: November – March



### Hours of Availability

5:00 a.m. – 8:00 p.m. CT  
(6:00 a.m. – 9:00 p.m. ET)



### Dispatch Notice

30 minutes

## Participation Options

Curtail electrical load or transfer load to an eligible backup generator or 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.

This value may be adjusted monthly, based on dispatch performance history and your feedback.

## Dispatch Timing and Duration

TVA often starts winter dispatches as early as 5:00 a.m. CT, and summer dispatches can run as late as 8:00 p.m. CT. Please make sure you have a contact available for all program hours.

Dispatches will last between 1 and 4 hours, 3-4 hours on average.

## Baseline Definition



There are two main components to the program baseline:

**Shape:** The initial baseline shape is calculated for each 5-minute interval of the dispatch day by averaging the demand during the same interval from the 4 highest of the 5 business days immediately preceding the dispatch day.

**Height Adjustment:** The baseline height may be adjusted up or down to reflect your consumption during the 2-hour period prior to dispatch notification.

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## Performance Measurement

Performance is measured as the average difference between electric demand and your baseline for each 5-minute interval during a dispatch. Under-performance in one dispatch can be offset by over-performance in another dispatch during the same season.

### **Keys for Success:**

- > Begin your energy reduction before the dispatch start time to ensure that you are able to reach your target by the start of the dispatch.
- > Verify equipment does not default back to normal operations until you receive a "Dispatch End" notification.

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## Payment Calculation

Payment is determined seasonally based on your site's average performance across all eligible dispatches that season. If there is no dispatch in a given season, you will be paid based on your full enrollment kW value.

All payment rates and performance requirements are stated in your contract.

Any under-performance will decrease your payment for the given season and may result in reduced enrollment and earning potential for future months. Enel X will never expose you to fines for under-performance.