

New York Demand-Side Ancillary Services Program

Earn more revenue for being available to use less energy on short notice when the grid is stressed.

As interest in Distributed Energy Resources (DERs) grows, so does their ability to address a growing range of grid needs. Automation and digital communications and control technology have created the opportunity for energy users to gain more value by expanding to ancillary services, which support the transmission of capacity and energy from generation resources to energy users, while maintaining the transmission system. New York State has taken a leadership role in the way our nation’s electrical grids will meet the future to ensure energy users benefit from the industry’s evolution.

What is the Demand-Side Ancillary Services Program (DSASP)?

Demand-Side Ancillary Services Program (DSASP) is an economic-based demand response program that give energy users the opportunity to offer load reduction into New York’s electricity markets at any time when prices are high, regardless of the grid reliability need. In DSASP, participation is scheduled in the Energy Market by the NYISO and energy users respond to real-time instructions to change load per NYISO directives. The offers are compared to generation supply offers, and clearing the market is a contract to perform, enabled by real-time instruction with the NYISO.

There are multiple approaches and parameters DSASP:

ANCILLARY SERVICE PRODUCT	DESCRIPTION
10-MIN SYNCHRONOUS RESERVES	<ul style="list-style-type: none"> Immediate curtailment at the time of dispatch during which the resource must follow NYISO dispatch targets every 5 minutes. Full committed load reduction must be achievable within 10 minutes. (Behind-the-meter backup generation prohibited) Respond as needed by NYISO in each hour resource clears the market Dispatched to address system contingencies or very high prices
10-MIN NON-SYNCHRONOUS RESERVES	<ul style="list-style-type: none"> Immediate curtailment at the time of dispatch during which the resource must follow NYISO dispatch targets every 5 minutes. Full committed load reduction must be achievable within 10 minutes. (Allows behind-the-meter backup generation) Respond as needed by NYISO in each hour resource clears the market. Dispatched to address system contingencies or very high prices
30-MIN SYNCHRONOUS RESERVES	<ul style="list-style-type: none"> Immediate curtailment at the time of dispatch during which the resource must follow NYISO dispatch targets every 5 minutes. Full committed load reduction must be achievable within 30 minutes. (Behind-the-meter backup generation prohibited) Respond as needed by NYISO in each hour resource clears the market Dispatched to address system contingencies or very high prices
30-MIN NON-SYNCHRONOUS RESERVES	<ul style="list-style-type: none"> Immediate curtailment at the time of dispatch during which the resource must follow NYISO dispatch targets every 5 minutes. Full committed load reduction must be achievable within 30 minutes. (Allows behind-the-meter backup generation) Respond as needed by NYISO in each hour resource clears the market Dispatched to address system contingencies or very high prices
REGULATION CAPACITY	<ul style="list-style-type: none"> 6-sec response time Provide regulation service (ramp up/down) in each hour resource clears the market

Who can participate in DSASP?

DSASP is available to commercial and industrial energy users in NYISO that meet the program’s parameters described below. Because the program requires a quick response to reduce load when called upon by the grid, it is an ideal match for organizations that already possess the infrastructure and ability to monitor and adjust their energy consumption on a moment-to-moment basis. A great attribute of DSASP is that you can participate when you want to participate. The program is available whenever your organization is available!

If your organization is already engaged in demand response in New York – why not participate in the program and be well compensated for it?

DSASP can be stacked with other NYISO SCR, CSRP and DLRP programs, meaning an organization may participate in more than one program and earn revenue for using the same curtailment practices.

MINIMUM SIZE	1,000 kw
PARTICIPATION	Customer may bid into NYISO Day-Ahead Market (DAM) daily and choose hours of participation.
EVENT DURATION	Participants agree to provide the load reduction for hours during which bids clear DAM. Events are generally called during Reserve Pickup Events (RPU), typically lasting a total of 10-30 minutes. There is no limit to the number or start time of events.
COMPENSATION	Hourly DAM clearing price paid for hours when customer has bid in and cleared the market.
COMPLIANCE	Customers are required to curtail up to the amount of capacity committed in the DAM for the hour. NYISO may not dispatch the full committed capacity.
ENROLLMENT DEADLINE	Rolling deadline. Registration and qualification can take several months.
METERING	Each account must have an hourly interval or utility AMI meter, plus 6-second real-time telemetry capable of two-way communications.

Find out how much your organization could earn for helping the grid evolve to a more efficient and dependable future.

**Contact your CPower New York Team to learn more.
844.276.9371**