

THE LEADING PROVIDER OF DEMAND RESPONSE RESOURCES IN THE UNITED STATES

DEMAND RESPONSE OVERVIEW

Demand Response is the temporary reduction of electrical usage by a customer for an economic or emergency response. DR programs are designed to contribute to energy load reduction during times of high prices, critical peak demand, or supply shortfalls on the electric grid.

ABOUT NORTH AMERICA POWER PARTNERS

North America Power Partners is a leading provider of Demand Response resources across the United States. We enable our customers to participate in a range of programs including Capacity, Reserves, and Self-Scheduled Energy. Our DR solutions include advanced metering with web-based reporting tools for all our customers. NAPP provides engineering audits, automation, and controls for customers who want to automate their demand response.

BENEFITS TO OUR CUSTOMERS

Revenue

Create a significant recurring new revenue stream for your business

Grid Reliability

Reduce the likelihood of a blackout in your community

Environmental

Offset the need for new generation plants; reduce GHG emissions

Usage Reports

Customers can access valuable electric usage reports every hour to monitor energy use and manage utility costs

NAPP works with our customers to identify the portion of electric load at each facility that will be reduced – aligning our customers' objectives to generate revenues while limiting impact on facility operations. Ways that facilities reduce their energy usage include idling equipment, shutting down processes, raising thermostats, utilizing building automation and energy management systems, or reducing lighting. NAPP will provide the metering technology and transaction systems required to participate in our DR programs.

New Jersey

308 Harper Drive, Suite 320, Moorestown, NJ 08057
(856) 439-0800 or 1-(888) 476-7764

California

400 Continental Blvd, Suite 600, El Segundo, CA 90245
(310) 426-2966



Educational Case Study: Somerset Hills Board of Education

The Opportunity

School districts are a valuable resource to the electric grid when they participate in demand response. While comprised of multiple schools, a school district can be aggregated as one resource, increasing its value and revenue. As a result of their abbreviated summer schedule and hours of operation, schools are able to return unused capacity and energy to the grid and be compensated for their reliability in doing so. This recurring revenue stream allows the school district to decide where to allocate the funds. Effectively managing the HVAC unit, shutting down non-essential equipment, or dimming facility lights helps school districts to increase their curtailment amount and add to their recurring revenue. NAPP works with its customers to help them choose the best method of optimizing energy reduction, and maximizing revenue, while maintaining a comfortable setting for faculty and students.

The NAPP Solution

Recommended to North America Power Partners (NAPP) by another school district, Somerset Hills School District is one of many locations to increase curtailment amount and reliability during call events. With help from NAPP's account managers, they are in the process of becoming more energy efficient "by changing the boiler, replacing windows and changing lighting." Any additional revenue earned is allocated right back into their electricity bill which provides more money for the district. "Anytime we earn revenue outside of the tax base, it helps to reduce taxes." A representative from Somerset Hills School District was kind enough to give us feedback during her busy day, stated "We have not experience any difficulties [with NAPP's customer service], and they all have been very thorough and informative with us."

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A Quick Look at Somerset Hills Board of Education...

-Founded: 1947

-Industry: Educational

-Headquarters: Bernardsville, New Jersey

-Number of Facilities: 1

A Deeper Look at the Numbers...

-Revenue: Greater than \$25,000

-Peak Load: More than 500KW

-Curtailment: Greater than 200KW

-Years with NAPP: 2 Years

"Anytime we earn revenue outside of the tax base, it helps to reduce taxes."

-Administrator of Facilities, Somerset Board of Education

