



Enbala Manages the PNM Peak Saver® Program as an Alternative to Peaking Power Plants

The PNM Peak Saver Demand Response Program cuts peak electricity demand by automatically reducing its use by commercial and industrial customers

PNM Demand Response 2.0

PNM has offered the Peak Saver Demand Response Program to its commercial and industrial customers since 2008. During summer months, high electricity demand puts a strain on the grid. PNM wanted to have a plan when, even on very short notice, system peaks could be avoided. This program was developed as a cost-effective method of ensuring grid stability without the need to build costly peaker plants.

Since then, more than 20MW of demand have participated in the PNM Peak Saver Commercial and Institutional program with great success. However, with the changing landscape of energy and distributed generation, PNM wanted to not only continue to support existing demand response efforts seamlessly, but also offer new technologies and capabilities as the energy landscape continues to evolve.

A Focus on PNM Success

The key priorities of the PNM Demand Response strategy include ensuring all current customers continue to participate in the program, making it easy for past customers to rejoin the program and having up to 25 MW of DR capacity available from 2018 - 2022. With Enbala's help, PNM will be able to achieve these priorities by realizing the benefits of advances in technology that allow for faster responding curtailments.

The transition to Enbala allows the program to now offer several new benefits, including:

- Provisioning of comprehensive and usable consumption data
- Integrating energy efficiency services into the DR offering
- Growing resources over time through more attractive customer offers; and
- Supporting as many PNM customers as possible with Demand Response, from 50 kW to 10 MW

PROGRAM DETAILS	
Program Name	PNM Peak Saver
Program Period	June 1 – September 30, 8AM and 8PM
Dispatch Notification	10 mins
Duration	4 hours
Demand Response Strategies Curtailment	(Voluntary and Automated), permitted generators
Events	Maximum of one event per day and no more than 100 hours per year
Requirements	Program is voluntary
Who Qualifies	Customers on rates 3B, 4B, 5B, 15B, 17B and 30B

A Focus on Customers



The innovation team at American Water knows we must take advantage of new technology wherever we can, to deliver lower cost services for the ratepayers in our water systems. Working with state-of-the-art companies like Enbala helps us support our initiative to improve our company's performance and operate more efficiently for our clients.

- Paul Gagliardo,
Manager - Innovation Development, American Water



About Enbala

Enbala Power Networks is focused on making the world's power grids greener and more reliable, efficient and predictable by harnessing the power of distributed energy. Enbala's real-time energy-balancing platform is transforming energy system operations through its revolutionary, highly flexible approach for creating controllable and dispatchable energy resources. It unobtrusively captures and aggregates available customer loads, energy storage and renewable energy sources to form a network of continuously controlled energy resources. The platform dynamically optimizes and dispatches these resources to respond to the real-time needs of the power system - all without impacting customer operations.

For more information, visit www.enbala.com and follow us on Twitter @Enbala.



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