



VENSTAR'S OpenADR 2.0b-COMPLIANT HVAC PRODUCTS WORK WITH UTILITY'S ENERGY SAVING PROGRAM

CHALLENGE:

Onboarding Utility Customers to Venstar's OpenADR 2.0b-compliant Products

Southern California's largest electric utility company is challenged with delivering power to millions of people across central, coastal and Southern California. Dedicated to creating a power network that can handle California's changing energy needs, it is focused on finding sophisticated technologies to deliver electricity, keep outages to a minimum and give its customers' choices in adopting new technologies to monitor and control their overall energy usage.

To help manage and reduce residential energy usage, the utility company launched a program designed to help residential customers reduce energy usage during the afternoons. Using Venstar's ColorTouch® and Explorer® thermostats, the utility's customers can comply with Demand Response events by receiving an OpenADR 2.0b signal via Venstar's Skyport® Cloud Services. This helps residential customers reduce energy usage and costs.

“Venstar is pleased to participate in the energy-saving program that helps utility customers monitor and control their energy usage with Venstar's smart thermostats.”

*– Tony Albers, Regional Sales Manager
Venstar Inc.*

SOLUTION:

Quick Onboarding of Venstar Thermostats as a “Qualified Brand”

Venstar's ColorTouch® and Explorer® thermostats are qualified brands for the utility program, which offers substantial rebates and annual bill credits to residential customers who enroll in the program. Venstar's Skyport® Cloud Services, which enables remote management of the thermostats, was certified as OpenADR 2.0b-compliant in April 2017 based on rigorous testing.



BENEFITS OF ADR TO UTILITY COMPANIES

- Increases system reliability
- Frees up power at critical times
- Promotes smart energy, smart grid
- Improves DR program performance
- Reduces potential for rolling brownouts and blackouts
- Encourages OpenADR 2.0b certification



RESULTS:

Use of Venstar Thermostats Helps Maintain Energy Grid Reliability

The use of qualifying products, including Venstar's ColorTouch and Explorer thermostats, contributes towards the following utility benefits:

- Energy grid reliability
- Available power at critical times
- Smart energy usage

The utility customers gain these benefits:

- Ability to significantly reduce energy usage
- Ease of use and hassle-free home climate control
- Enable participation in Demand Response events
- Access to annual incentives and rebates



Venstar Product Compatibility

Venstar's ColorTouch and Explorer programmable Wi-Fi® residential thermostats deliver these benefits:

- Easy to program remotely or at the thermostat
- Remotely controllable using Venstar's free Skyport Mobile App or via PC
- Compatible with virtually every type and brand of HVAC equipment
- ColorTouch's touchscreen for easy programming



About OpenADR Alliance

Open Automated Demand Response (OpenADR) is an open global and interoperable standard that enables electricity providers and system operators to automatically communicate Demand Response (DR) signals with each other and their customers using a common language over any existing IP-based communications network. The OpenADR Alliance was created to standardize, automate and simplify DR to enable utilities to cost-effectively meet growing energy demand. DR programs help utilities maintain grid reliability and enable customers to reduce energy costs by using lower off-peak rates and enable easier participation in DR events.



About Venstar Skyport Cloud Services

Venstar's free Skyport Cloud Services enables users of Venstar's ColorTouch® and Explorer® thermostats to use Venstar's free Skyport Mobile App on their Apple iOS and Android™ mobile devices or directly from the Web to instantly access and control thermostats.



About Venstar

Founded in 1992, Venstar Inc. is a leading thermostat and energy management system (EMS) manufacturer, known for providing value to its customers via ease of use and installation, proven cost savings, improved energy efficiency, quality and reliability. Venstar is one of the largest thermostat suppliers in the world and designs and produces Venstar-branded products, as well as OEM thermostat products for the biggest names in HVAC.

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