



Itron and Xcel Energy Collaborate to Manage Growing Number of Distributed Energy Resources in Colorado

December 19, 2024

Itron's Grid Edge Intelligence Portfolio Provides Grid Support with Innovative Residential Battery Energy Management

LIBERTY LAKE, Wash., Dec. 19, 2024 (GLOBE NEWSWIRE) -- Itron, Inc. (NASDAQ: ITRI), which is innovating new ways for energy providers and cities to manage energy and water, announced today a collaboration with Xcel Energy to manage the growing number of distributed energy resources (DERs) in Colorado, including residential battery energy storage, to support grid flexibility and customer choice. As part of this collaboration, Xcel Energy has contracted with Itron to deploy an [Aggregator Distributed Energy Resource Management System](#) (DERMS) from Itron's Grid Edge Intelligence portfolio to help manage DERs.

On average, [25% of all U.S. homes](#) with solar PV also have battery energy storage. As consumer adoption of battery energy storage continues to grow, energy providers can use Aggregator DERMS to enlist consumer-owned residential battery storage at the edge of the grid as a resource to support the grid. Residential batteries, and other DERs, can help optimize grid operations, promoting greater system reliability, lower energy costs and increased customer choice to adopt solar generation and electric vehicles. Aggregator DERMS enables both aggregated management of DERs for tasks such as load balancing and demand response as well as localized management of DERs for managing solar panels, EV chargers and smart thermostats. Itron's Aggregator DERMS allows Xcel Energy to use residential battery storage through its [Renewable Battery Connect](#) program to manage peak loads and to support reliable electric service to customers.

"As we lead the clean energy transition, Xcel Energy continues to make strides to deliver energy to our customers when and where they need it. Using our Virtual Power Plant program - Renewable Battery Connect, we can manage distributed energy resources to help our energy grid meet unprecedented increases in demand from a more electrified economy," said **Emmett Romine, VP Customer Energy & Transportation Solutions at Xcel Energy**. "We're delivering clean, reliable and resilient electricity to customers while keeping bills low, and we're always looking for opportunities to use new technologies to benefit our customers."

"Xcel Energy is an innovator in adopting and deploying systems that are ready for the increase in DERs. Our solution turns these customer-owned devices into grid assets, which is crucial for an electrified future," said **Don Reeves, senior vice president of Outcomes at Itron**. "Itron's Aggregator DERMS can lay the foundation for autonomous management of DERs, when used with distributed intelligence, to provide real-time visibility into the grid edge. This broader solution uses back-office analytics combined with DI edge computing that operates on a customer's Itron electric meter directly. DI can connect to, and coordinate with the customer's DER, such as battery storage, to continuously take advantage of stored energy in near real-time to protect customer and grid assets autonomously, which is an industry first."

"Itron's Grid Edge Intelligence portfolio currently manages 3 million DER devices for 30 utilities across the U.S. and helps solve the challenges of tomorrow by leveraging the power of grid edge intelligence. I look forward to our continued collaboration with Xcel Energy and supporting a grid that's ready for the future of DERs."

To learn more about Itron's Grid Edge Intelligence portfolio, visit the [solution page](#).

About Itron

Itron is a proven global leader in energy, water, smart city, IIoT and intelligent infrastructure services. For utilities, cities and society, we build innovative systems, create new efficiencies, connect communities, encourage conservation and increase resourcefulness. By safeguarding our invaluable natural resources today and tomorrow, we improve the quality of life for people around the world. Join us: www.itron.com.

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