

Schneider Electric Empowers Businesses to Achieve Resilience and a Path to Net Zero with EcoStruxure Microgrid Flex

- The industry-first standardized microgrid system that is faster to deploy, reducing project timelines from years to months
- The solution enables businesses to optimize energy operations while delivering on resilience and decarbonization needs

Boston, MA, and Anaheim, CA, May 16, 2023 – [Schneider Electric](#), the leader in the digital transformation of energy management and automation, today announces [EcoStruxure™ Microgrid Flex](#), an industry-first, innovative standardized microgrid solution designed to significantly reduce project timeline across the journey, delivering a greater return on investment for the system.



With distributed energy resources projected to account for 40% of US electricity generation by 2050, the demand for microgrids is growing to meet these needs. Microgrid systems currently require a sizeable sum of engineering hours and intense attention to the configuration, planning and deployment of the system.

EcoStruxure Microgrid Flex expedites the completion of microgrid system projects from specification to design and build in months instead of years. It has a profoundly positive impact on customer return on investment, as it dramatically reduces the number of engineering hours required, resulting in significant cost savings. “By producing electricity with renewable resources, microgrids drive increased sustainability, electrification and resiliency for our customers and across the U.S.,” asserted Annette Clayton, CEO, Schneider Electric North America. “This groundbreaking standardized microgrid solution accelerates decarbonization and market adoption, allowing more facilities to leverage renewables and manage costs through energy source optimization,” Clayton continued.

“Our new EcoStruxure Microgrid Flex empowers businesses to take the future of sustainability into their own hands with a solution that considerably reduces downtime, greenhouse gas emissions and energy waste,” said Bala Vinayagam, SVP, Microgrid Line of Business at Schneider Electric. “And as a configured-to-order offer, customers will achieve greater optimization of on-site renewables connected to the microgrid.”

Once commissioned, the solution is optimized through a data-as-a-service model where the microgrid’s data plugs into the AI-powered [AutoGrid VPP](#) (Virtual Power Plant) platform. This solution can also plug into a third-party VPP network, DERMS (Distributed Energy Resource Management System), or directly with Schneider Electric’s microgrid software and analytics suite.

“We are very excited to be one of the first partners working with Schneider Electric to deliver EcoStruxure Microgrid Flex to the market,” said Ryan Goodman, Chief Executive Officer, Scale Microgrids. “We believe that utilizing Microgrid Flex will enable us to deliver groundbreaking distributed energy systems to our customers with unprecedented speed and efficiency.”

EcoStruxure Microgrid Flex’s complete, simple, and packaged solution includes:

- **Schneider Electric Battery Energy Storage System (BESS)** – integrated with inverters, batteries, cooling, switchgear, output transformer, safety features & controls
- **Advanced Software and Analytics** – complete software and tools for full lifecycle including assessment, feasibility, design, operating and optimizing.
- **Energy Control Center** – the [Energy Control Center \(ECC\)](#) is a single intelligent, pre-engineered and pre-tested DER and control system that helps optimize resources and ensures resilience.
- **Services** for simple and easy operating, maintaining, and optimizing of the microgrid

EcoStruxure Microgrid Flex helps businesses meet their energy strategy needs, including applications for small and medium markets, including hotels, retail, food & beverage, healthcare, government and more.

The solution will be available to order in the United States in the second quarter of 2023.

To learn more about new EcoStruxure™ Microgrid Flex, please visit: www.se.com/microgrid-flex

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About Schneider Electric

Schneider’s purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. We call this Life Is On.

Our mission is to be your digital partner for Sustainability and Efficiency.

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure and industries.

We are the most local of global companies. We are advocates of open standards and partnership ecosystems that are passionate about our shared Meaningful Purpose, Inclusive and Empowered values.

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