



The Edison Foundation

INSTITUTE for
ELECTRIC INNOVATION

IEI Technology Partner Snapshot



Siemens provides electric companies with combined solutions for intelligent energy grids for Transportation Electrification, Automation and Digitalization, for a multilayered, decentralized, and connected grid. Siemens helps enable customer-centric business models, and investment in the best solutions.

How Siemens is Partnering with Electric Companies:

AES Corporation

In early 2018, Siemens and AES launched Fluence Energy – a joint venture to develop grid-scale energy storage solutions. Southern California Edison was one of Fluence Energy's first customers, contracting for a 100 megawatt/400 megawatt-hour lithium-ion battery storage project – the world's largest to-date.

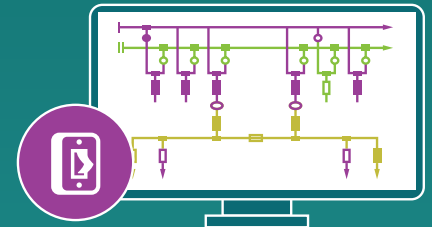


Commonwealth Edison (ComEd)

ComEd will use Siemens Microgrid Management System software (MGMS) to manage the Bronzeville Community Microgrid on Chicago's South Side. This microgrid will serve roughly 1,060 customers, including the Chicago Police Department headquarters. With Siemens software, the microgrid will provide resiliency benefits and will demonstrate the operation of solar PV and energy storage.

Consolidated Edison

Con Edison Company of New York and Orange & Rockland Utilities are using Siemens EnergyIP meter data management software to support both electric companies' smart meter rollout. Siemens will manage nearly five million meters by 2022, using the data to help improve grid reliability, empower customer engagement, and integrate renewable energy resources.



Hawaiian Electric Company (HECO)

HECO is using Siemens Smart-Substation™ controller to enable real-time substation and feeder automation for its 46 kV sub-transmission system in East Oahu. This project will cost significantly less than traditional infrastructure investment and reduce outage duration to a few minutes in many cases for more than half of HECO's Oahu customers.

