



The Edison Foundation

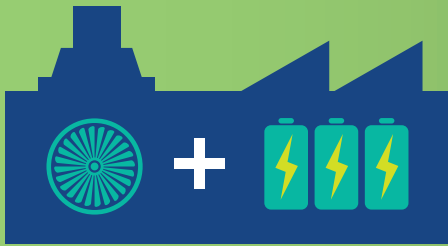
INSTITUTE for  
ELECTRIC INNOVATION

# IEI Technology Partner Snapshot



GE is the world's leading Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is actively involved in all facets of the energy sector. In addition to electric generation technologies, we provide transmission and distribution technologies that are enabling electric companies to efficiently manage electricity from the point of generation to the point of consumption. Electric companies are leveraging GE's digital solutions to enable resource aggregation and system connectivity across the grid, to monitor and manage asset health and performance, to optimize operating efficiencies, and to create new business opportunities.

## How GE is Partnering with Electric Companies:

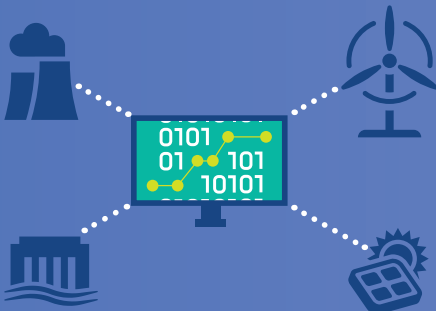


### Southern California Edison (SCE)

GE and Southern California Edison recently unveiled the world's first battery-gas turbine hybrid system, which helps SCE to meet California's renewable energy goal of 50 percent by 2030. Called the **Hybrid EGT**, the system provides SCE quick start, fast ramping capabilities, leveraging GE's 10 MW/4.3 MWh battery energy storage system while GE's 50MW LM6000 aeroderivative gas turbine is powered up to provide peak capacity.

### Pacific Gas and Electric (PG&E)

PG&E is demonstrating GE's **Distributed Energy Resource Management (DERMs)** software platform to enable forecasting capabilities, real-time monitoring and optimization of a portfolio of DERs, such as storage and distributed solar PV. Optimally matching energy produced locally from DERs with consumption, will help to ensure grid reliability and power quality, while reducing the need for additional grid reinforcement and lowering energy costs for customers.



### Exelon

Exelon is integrating and deploying GE's **Predix software** applications across their generation fleet of nuclear, hydroelectric, wind, solar and natural gas facilities. The digital technology is being used to improve power plant reliability and performance, using applications such as asset performance management, operations optimization, business optimization, cybersecurity and advanced controls/grid-edge computing capability.