

DOCKETED

Docket Number:	17-IEPR-11
Project Title:	Southern California Energy Reliability
TN #:	217399
Document Title:	Advanced Microgrid Solutions to Build 16 MWh Distributed Energy Storage Project in San Diego
Description:	Press release
Filer:	Stephanie Bailey
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	5/3/2017 11:31:52 AM
Docketed Date:	5/3/2017



Advanced Microgrid Solutions

FOR IMMEDIATE RELEASE:

April 20, 2017

CONTACT:

Manal Yamout (AMS)

manaly@advmicrogrid.com

(858) 243-3448

Advanced Microgrid Solutions to Build 16 MWh Distributed Energy Storage Project in San Diego

*4MW/16MWh lithium ion battery storage facility to enhance regional grid
reliability and integrate renewable energy*

SAN FRANCISCO, CA and SAN DIEGO, CA – Advanced Microgrid Solutions (AMS) was selected to design, build and operate a 16 MWh distributed energy storage project for San Diego Gas & Electric (SDG&E) announced yesterday. AMS was among three companies chosen to build, own and operate distributed battery storage facilities in targeted areas of the grid to enhance reliability and help SDG&E achieve its clean energy and carbon emission targets.

“AMS is proud to be part of building a cleaner, smarter electric grid,” said Susan Kennedy, CEO of AMS. “SDG&E was the first major utility to meet California’s goal of delivering 33 percent of energy from renewable sources, and is aggressively fueling adoption of electric vehicles. Distributed energy storage will help SDG&E balance the grid and protect ratepayers as demand for clean energy technologies continues to increase.”

The 4 MW/16MWh advanced lithium ion energy storage system will be built in San Juan Capistrano for operation beginning in 2019. The batteries will be used to help SDG&E meet reliability needs in a region impacted by the shut-down of San Onofre Nuclear Generating Station (SONGS). The project will provide distribution system benefits, including Resource Adequacy, charging energy capacity, discharging energy capacity and, with a response time of less than 10 seconds, will be capable of providing a full range of Ancillary Services, including spinning and non-spinning reserves, regulation up, regulation down, voltage support and reactive power.

SDG&E, Southern California Edison (SCE) and other utilities are pursuing clean energy resources to replace capacity from SONGS in Southern California. AMS is currently building 300MWh of distributed energy storage projects in the West Los Angeles Basin for Southern California Edison’s [grid modernization initiative](#).

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About Advanced Microgrid Solutions | Advanced Microgrid Solutions (AMS) is pioneering the use of advanced energy storage for energy management and utility services. AMS designs, optimizes, aggregates and manages distributed energy resources and energy storage assets. AMS's energy storage asset management software Armada™ provides continuously optimized resource management, cost reduction and revenue generation for large-scale energy users and utilities. To learn more, visit www.advmicrogrid.com and follow us on twitter: @advmicrogrid.