

# Kearny Mesa Battery Storage Project

SAN DIEGO, CA



## LOCATION:

4200 Ruffin Road  
San Diego, CA 92123

## TYPE:

Battery Storage, Lithium Ion

## NOMINAL CAPACITY:

1 MW / 4.2 MWh

## COMMERCIAL OPERATION DATE:

2020

## DGC ROLE:

Ownership / Asset Management / O&M /  
Development / Energy Manager

## DGC OWNERSHIP:

100%

## Overview

The Kearny Mesa Battery Storage Project ("Kearny Mesa") is a one megawatt, four megawatt hour battery storage facility located in San Diego, CA utilizing Solar Turbines LS1000-4 storage technology.

Kearny Mesa is located at a manufacturing site and is believed to be the first project of its kind to operate under FERC Order 841 and the CPUC's Decision on Multi-Use Applications. Kearny Mesa is physically located behind the manufacturing site's retail meter with San Diego & Gas Electric so it can provide traditional behind-the-meter services. Additionally, it is equipped with a CAISO meter and RIG so it can provide front-of-the-meter type ancillary services to the CAISO and battery storage resource adequacy to load serving entities.

The project was partially funded through the State's Self-Generation Incentive Program. Diamond Generating LLC's affiliate company, Boston Energy Trading & Marketing, is the scheduling coordinator for the project.

## Project Benefits

### Behind-the-meter

Since the project operates behind the host's SDGE retail meter it is able to provide services like demand charge management and time of day rate shifting.

### Grid Stability

The project has an installed CAISO meter and remote intelligent gateway and provides typical ancillary services like regulation up and down.

### Sustainable Capacity

The project provides flexible battery storage-based resource adequacy the grid.

# Kearny Mesa Battery Storage Project Providing Through-the-Meter Services in California

As a first of a kind project, Kearny Mesa is an example of how Diamond Generating LLC continues to leverage its global expertise to develop innovative solutions and deliver safe, clean electricity and energy services.



Peak Demand Management



Time of Day Loud Shifting



Microgrid Reliability



Flexible Capacity Resource

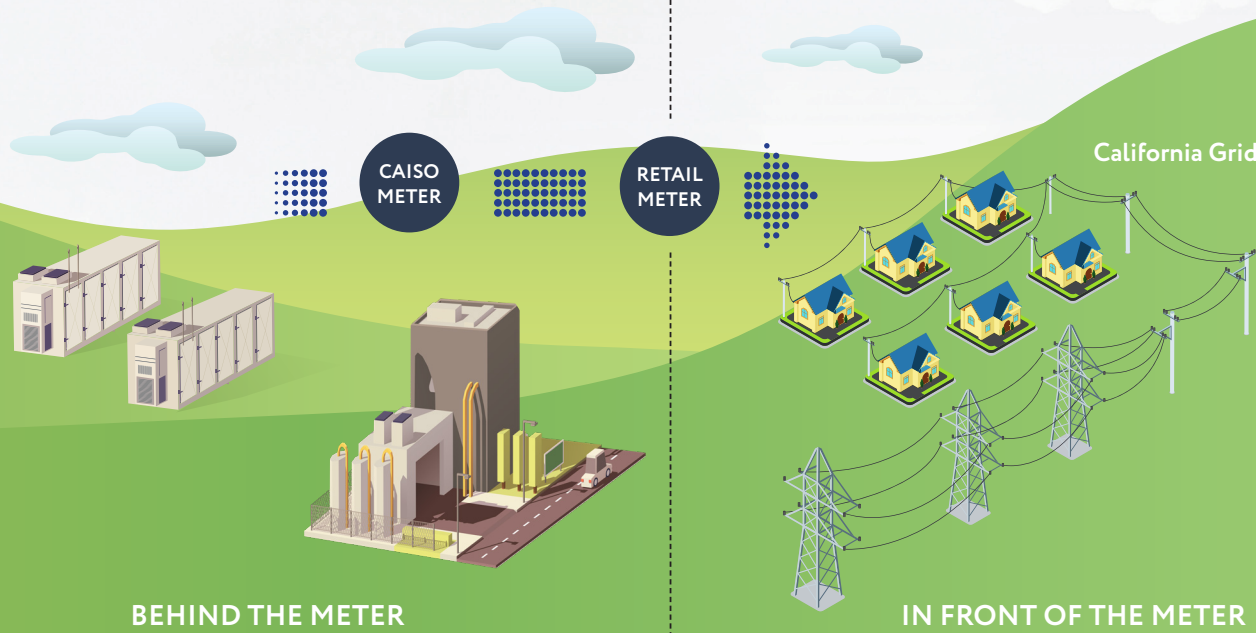


Resource Adequacy

FERC order 841 and the CPUC's decision on multi-use applications opened the door for "through-the-meter" operations. Kearny Mesa is one of the first projects to operate within this construct.



KEARNY MESA BATTERY STORAGE PROJECT



Location  
San Diego, CA



SIZE  
1 MW / 4.2 MWh



TECHNOLOGY  
Lithium Ion  
Solar-Turbines  
LS1000-4  
425 Modules  
25 Racks  
2 Inverters



FUNDING  
Self-Generation  
Incentive Program  
and Diamond  
Generating LLC

**Kearny Mesa Battery Storage Project** is owned by Kearny Mesa Storage, LLC, a subsidiary of Diamond Generating LLC. Diamond Generating LLC is a world-class independent power producer with a successful track record as a developer, owner, manager and operator of power generation assets across North America. Diamond Generating currently has ownership interest in 14 operating power generating facilities in the U.S. and Mexico, having total output capacity of approximately 7,800 MW, with net equity of 3,300 MW. Diamond Generating LLC has been a long-term power generation owner in California and is dedicated to the ensuring a long-term reliable energy supply for California.



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Learn More About DGC: [www.dgc-us.com](http://www.dgc-us.com)  
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