

DOCKETED

Docket Number:	18-IEPR-03
Project Title:	Southern California Energy Reliability
TN #:	223369
Document Title:	Carlsbad Energy Center and Preferred Resources Update
Description:	This document supersedes TN# 223346 - Presentation by David Thai with San Diego Gas & Electric, for the May 8, 2018 IEPR Joint Agency Workshop on Energy Reliability in Southern California
Filer:	Stephanie Bailey
Organization:	SDG&E
Submitter Role:	Public
Submission Date:	5/7/2018 4:18:54 PM
Docketed Date:	5/7/2018



A  Sempra Energy utility®

SDG&E – Carlsbad Energy Center and Preferred Resources Update



Carlsbad Energy Center Update

Carlsbad Energy Center

- 500 MW (5 GE LMS 100's) approved by the CPUC in May 2015
- First unit expected to be on-line in May 2018 with completion in Q4



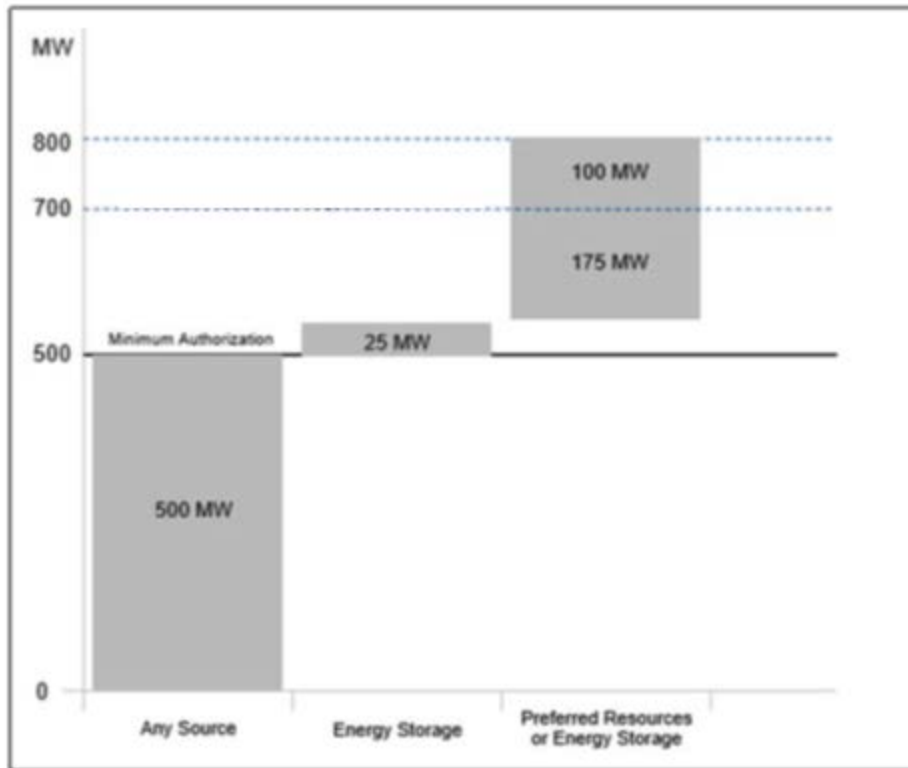
Preferred Resource Update

2016 Preferred Resources LCR RFO

- A.17-04-017 – Seeking approval of three third-party energy storage resources, two utility-owned energy storage resources, and one demand response resource. The CPUC issued a proposed decision April 25 approving all contracts.

Resource	Expected Online Date	Capacity (MW)	Resource Type
Fallbrook BESS	March 31, 2021	40	Li-ion BES
Miramar BESS	December 31, 2019	30	Li-ion BES
Enel Green Power NA	December 31, 2021	3	Li-ion BES
Advanced Microgrid Solutions	December 1, 2019	4	Li-ion BES
Powin Energy	June 30, 2021	6.5	Li-ion BES
OhmConnect	January 1, 2018	4.5	Demand Response
Total		88	

Track IV Procurement



CPUC Direction

- The CPUC’s 2012 Long-term Procurement Plan Track IV decision authorized SDG&E to procure between 500-800 MW of capacity by the end of 2021 to meet in-basin generation needs attributed to the SONGS retirement.

LCR Procurement Status

- SDG&E sought to replace capacity from SONGS with cost-effective resources to meet its Local Capacity Requirement (LCR) and to further California’s energy goals of reducing greenhouse gas emissions. SDG&E currently expects 500 MW to be delivered from the Carlsbad Energy Center and 144 MW from in-basin preferred resources, all counting towards Track IV procurement.



Questions?

David H. Thai, P.E.

Origination Analytics Manager

SDG&E - Electric and Fuel Procurement

Ph: (w) 858-654-1174, (c) 619-819-5007

dathai@semprautilities.com