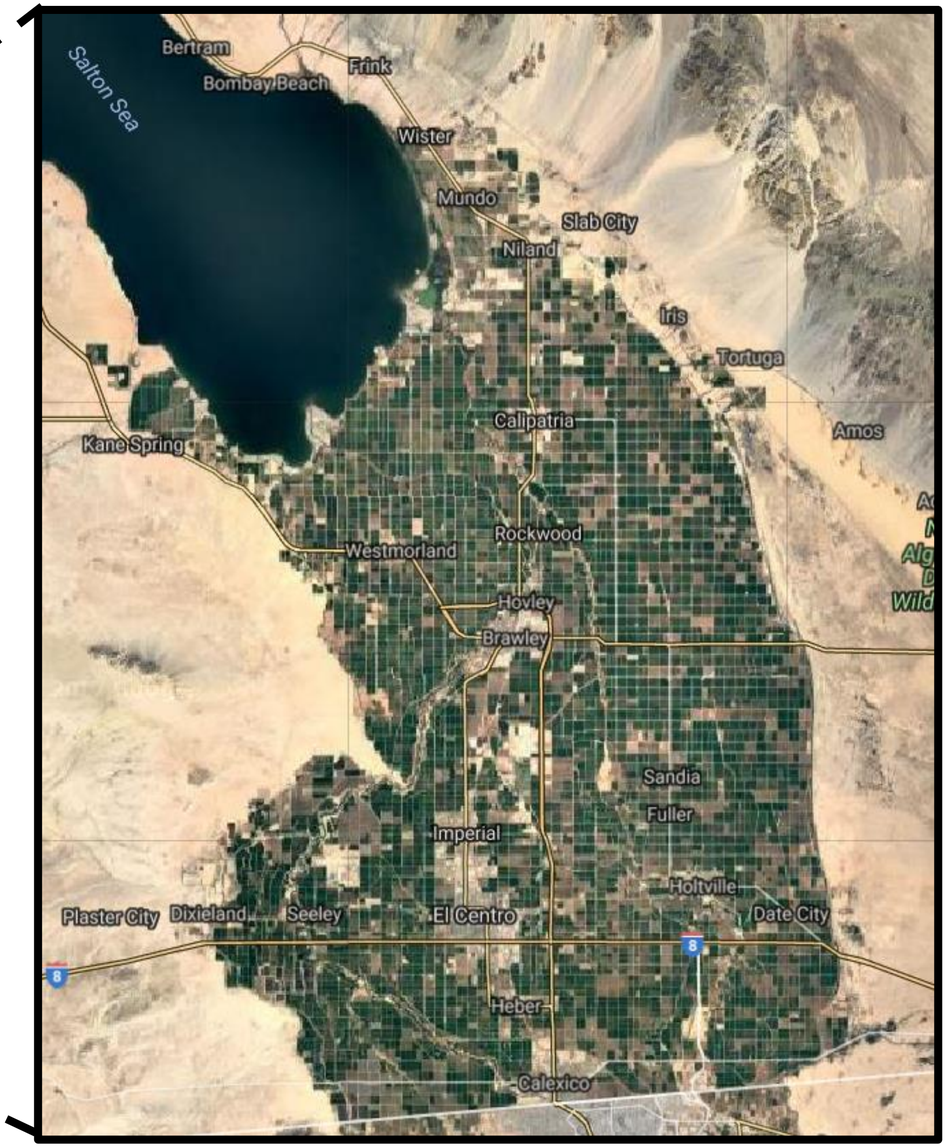
DOCKETED

Docket Number:	17-IEPR-12
Project Title:	Distributed Energy Resources
TN #:	219952
Document Title:	Battery Energy Storage System
Description:	6.29.2017 Presentation by Chris Beltran
Filer:	Raquel Kravitz
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	6/28/2017 9:12:17 AM
Docketed Date:	6/28/2017

CHRIS BELTRAN
IMPERIAL IRRIGATION DISTRICT

Battery Energy Storage System



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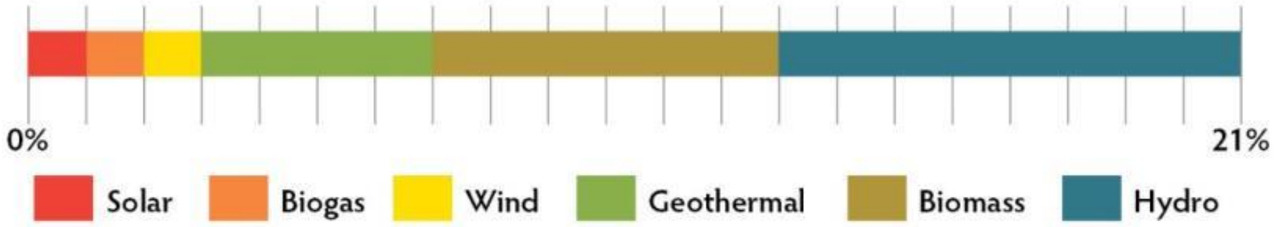
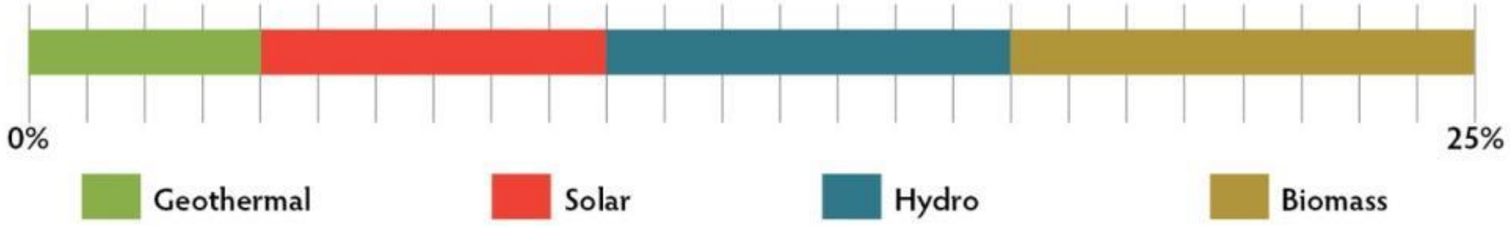
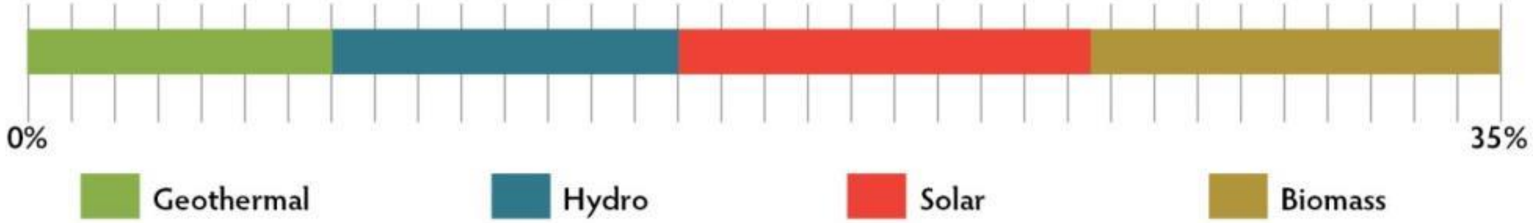
PERIOD 1, 2011-2013 RENEWABLE MIX: 21 PERCENT



PERIOD 2, 2014-2016 RENEWABLE MIX: 25 PERCENT



ANTICIPATED PERIOD 3, 2017-2020 RENEWABLE MIX: 35 PERCENT



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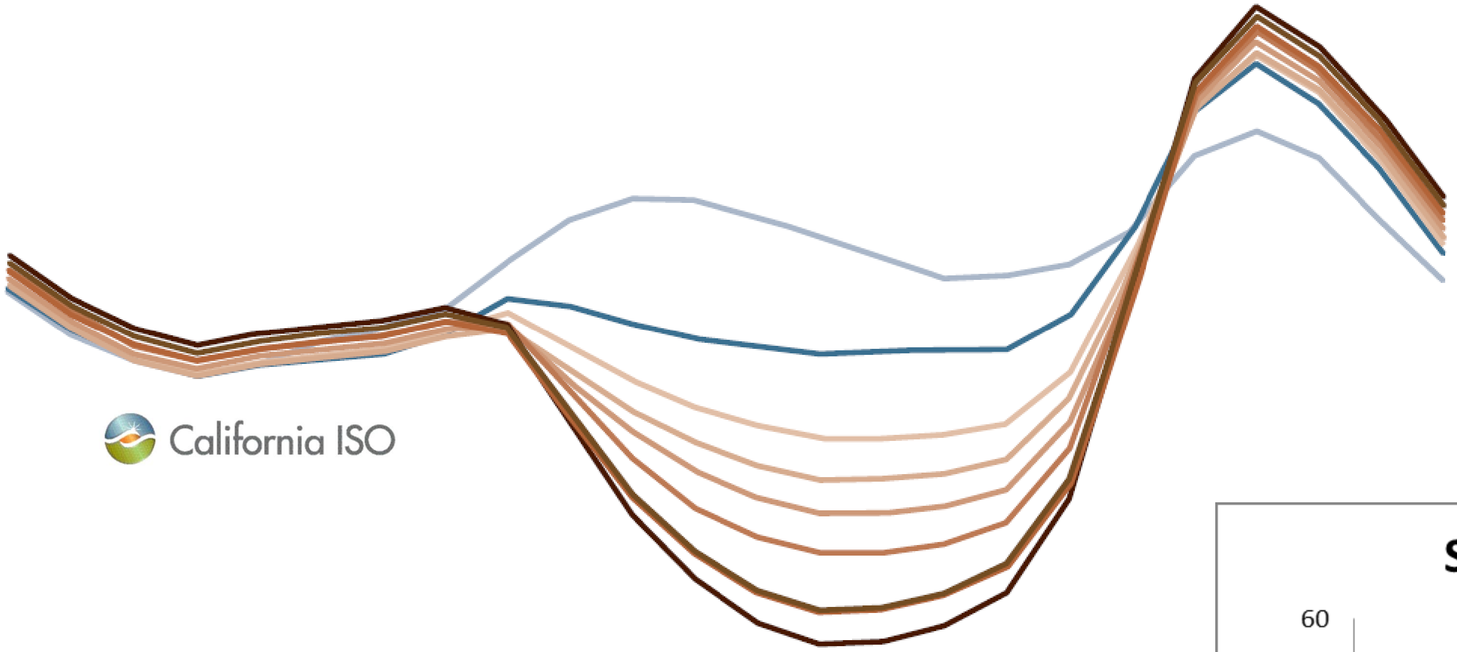
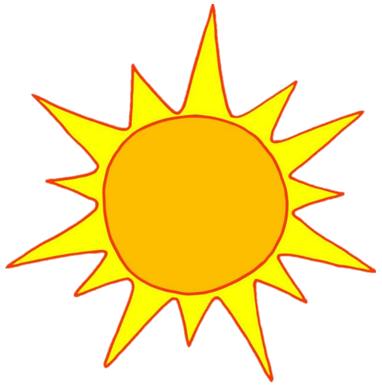
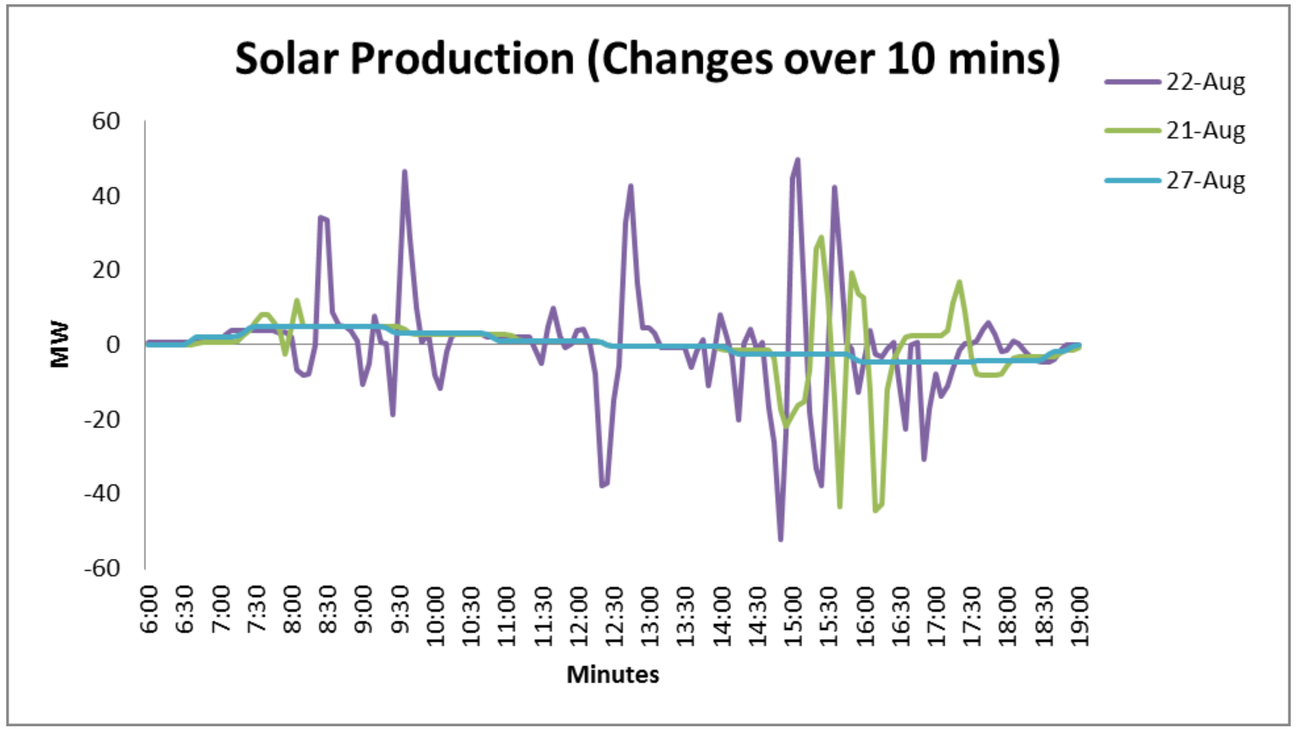


OR





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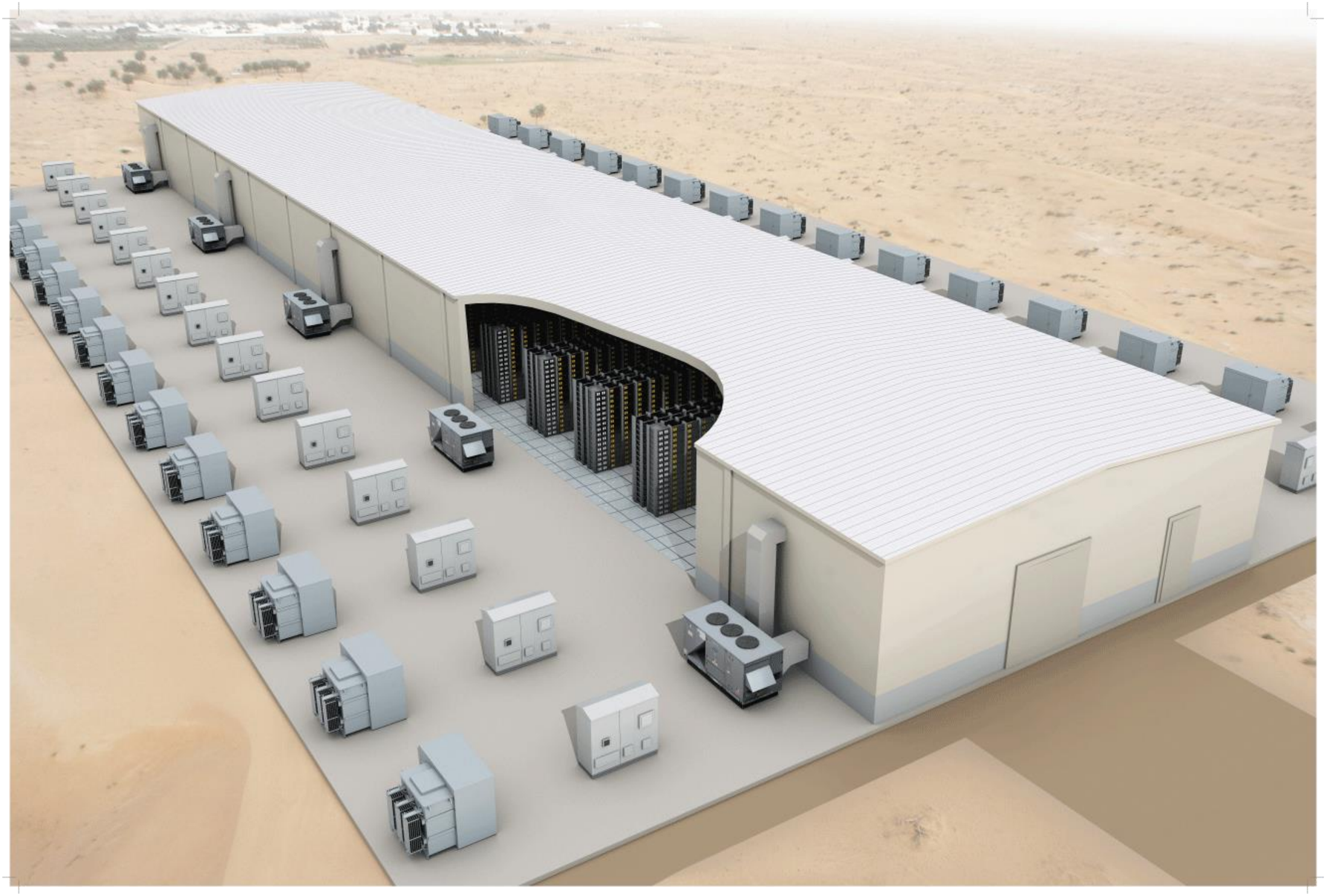
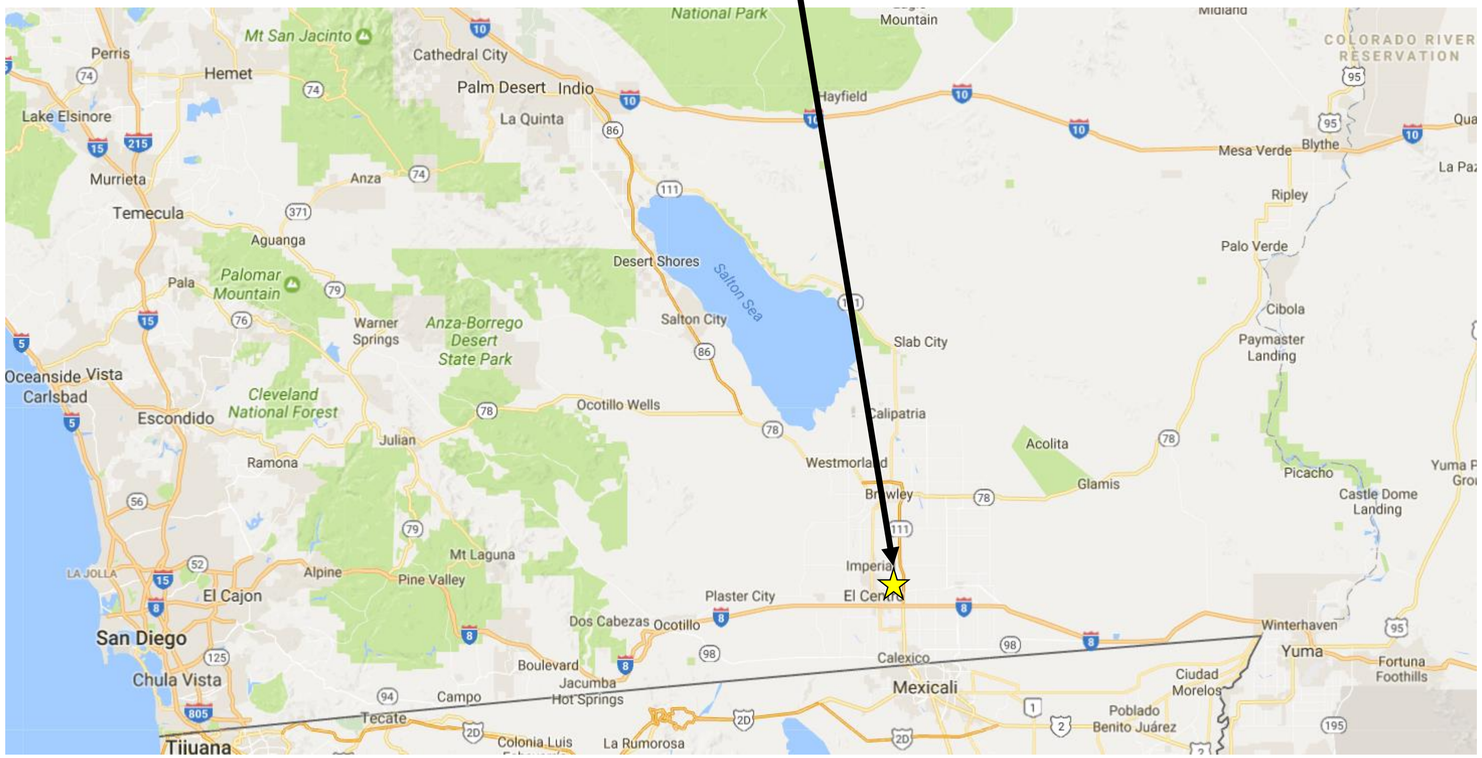
POWER ENGINEERS



BESS LOCATION



SAMSUNG

SAMSUNG SDI

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POWER ENGINEERS

SAMSUNG

TRI-TECHNIC

SAMSUNG SDI

COACHELLA
ENERGY STORAGE PARTNERS

ZGLOBAL
Power Engineering & Energy Solutions

CVE Chula Vista Electric Co.

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15 INDEPENDENT BANKS

15 INDEPENDENT BANKS

92kV SUBSTATION

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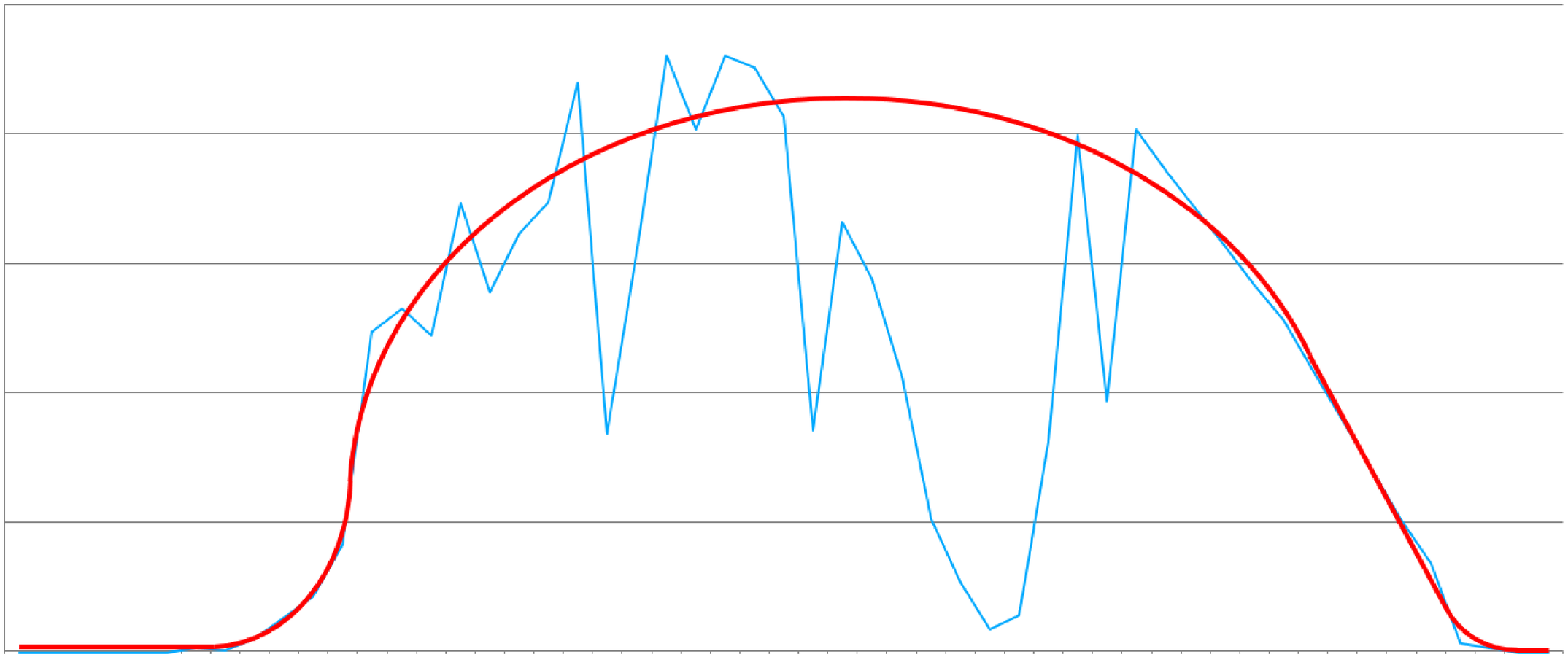
SOLAR EFFECTS ON CLOUDY DAY



DESIRED SOLAR + BESS

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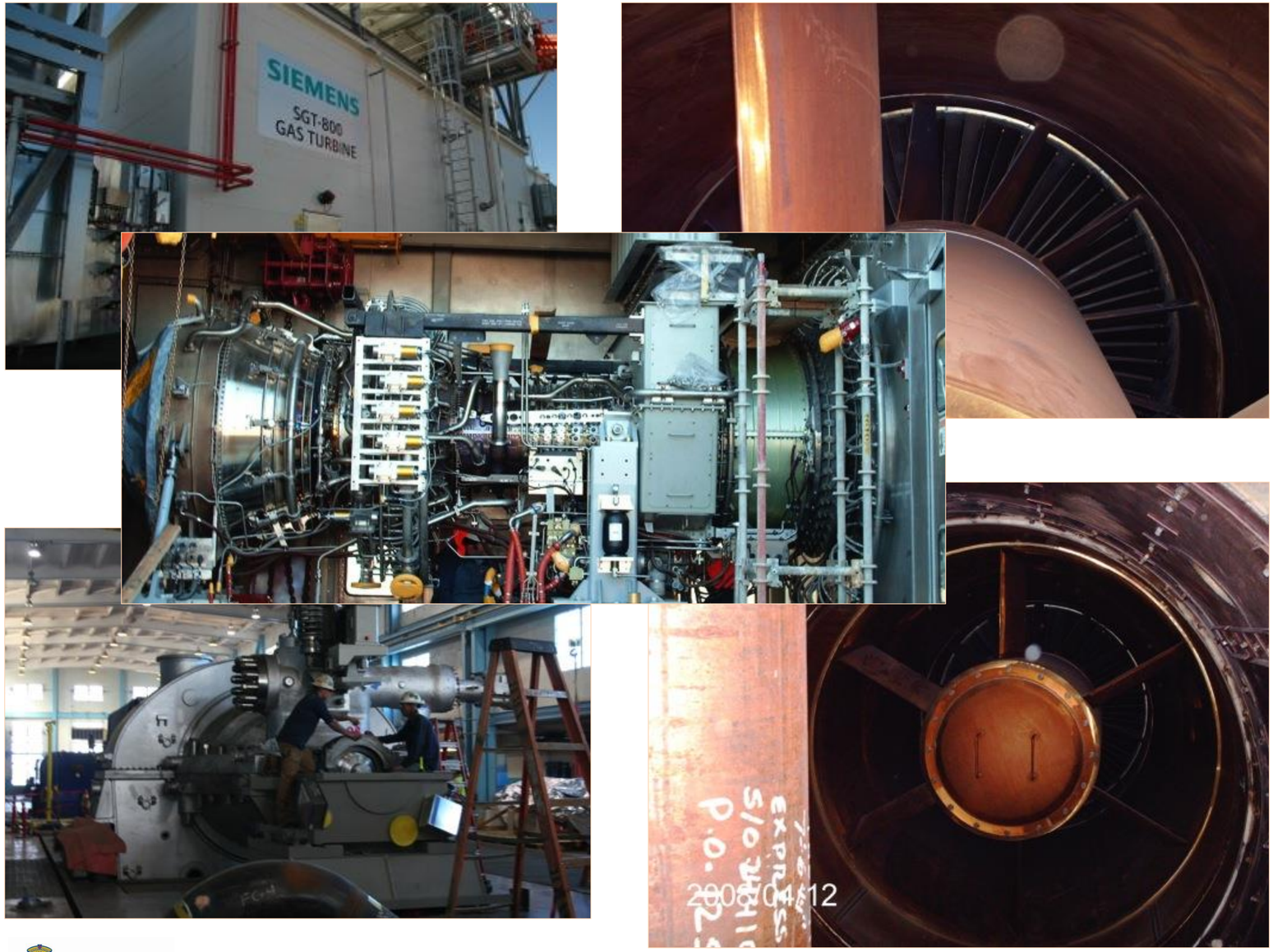
LESS OF THIS……



BECAUSE OF……

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FAST RESPONSE

BLACK START SUPPORT

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EXPANSION PROVISIONS

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