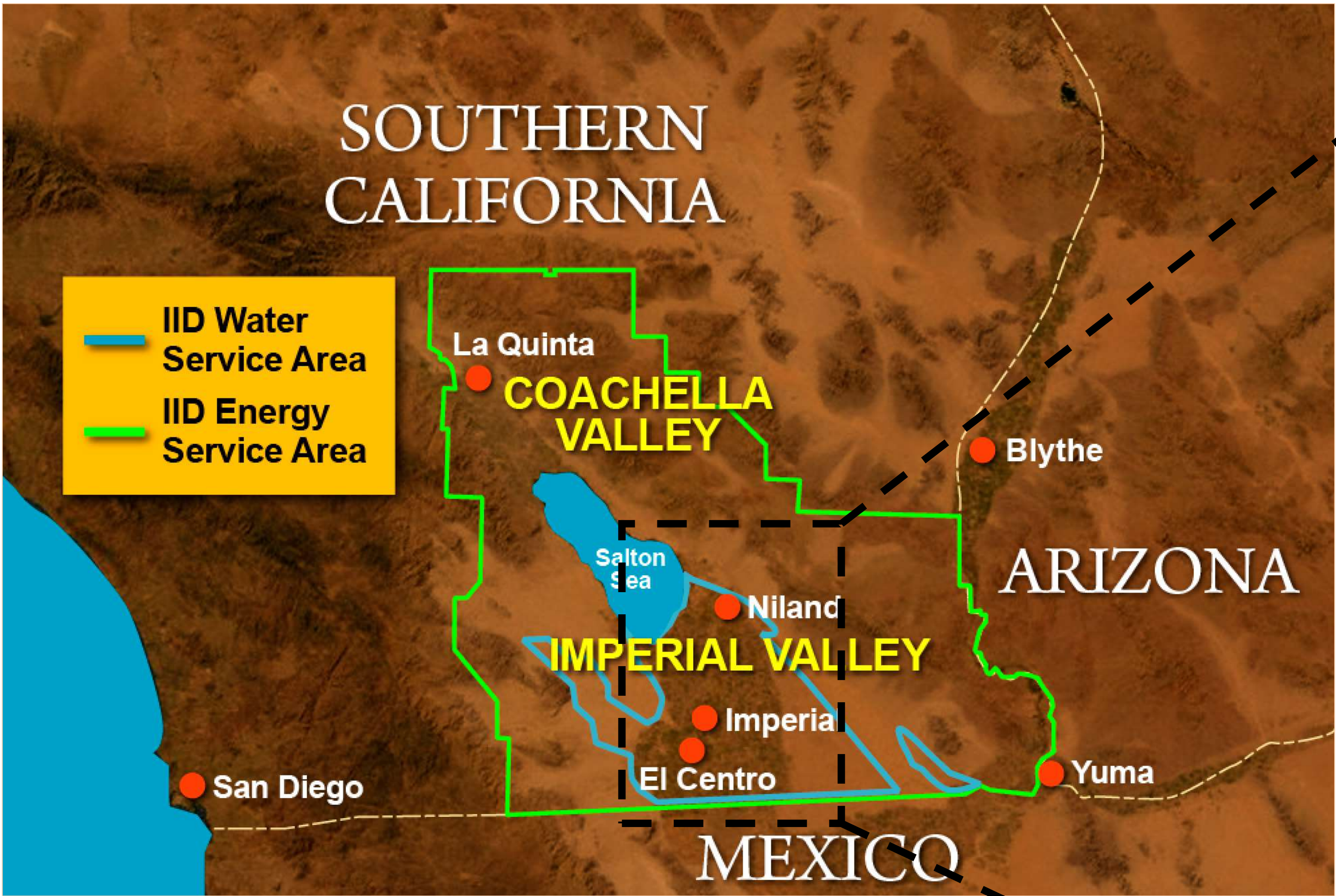


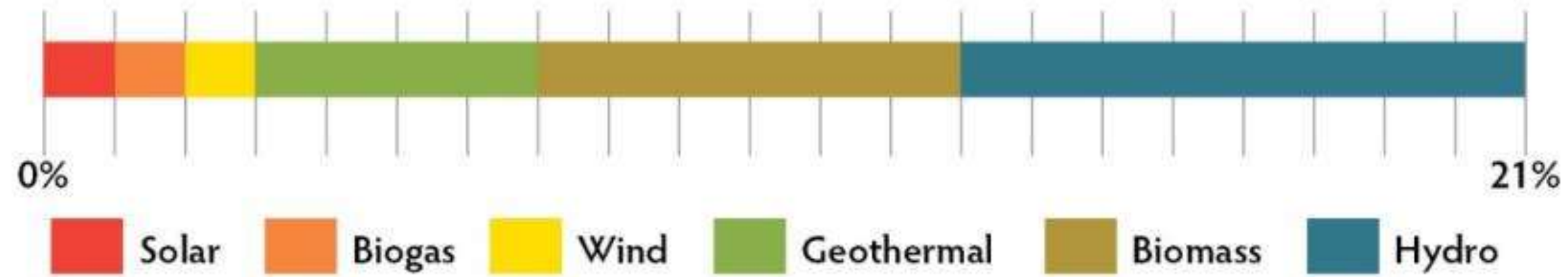
CHRIS BELTRAN IMPERIAL IRRIGATION DISTRICT



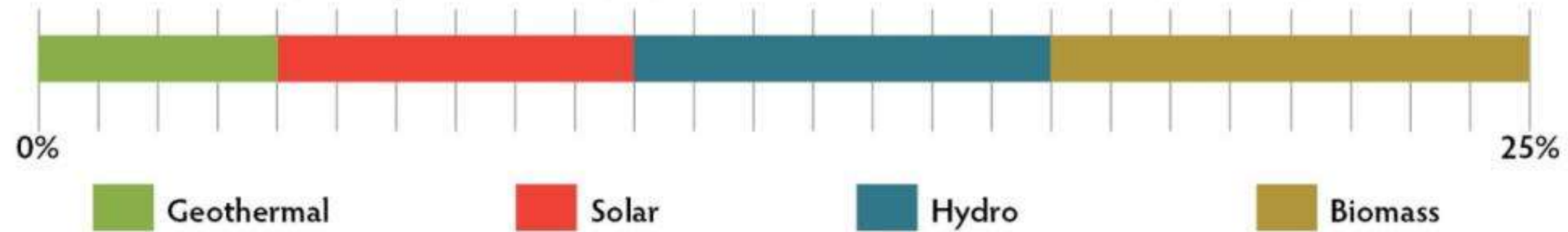
Battery Energy Storage System



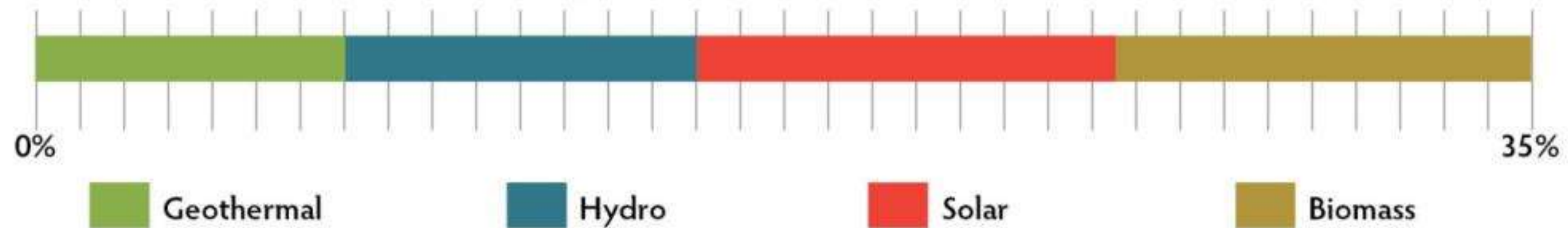
PERIOD 1, 2011-2013 RENEWABLE MIX: 21 PERCENT

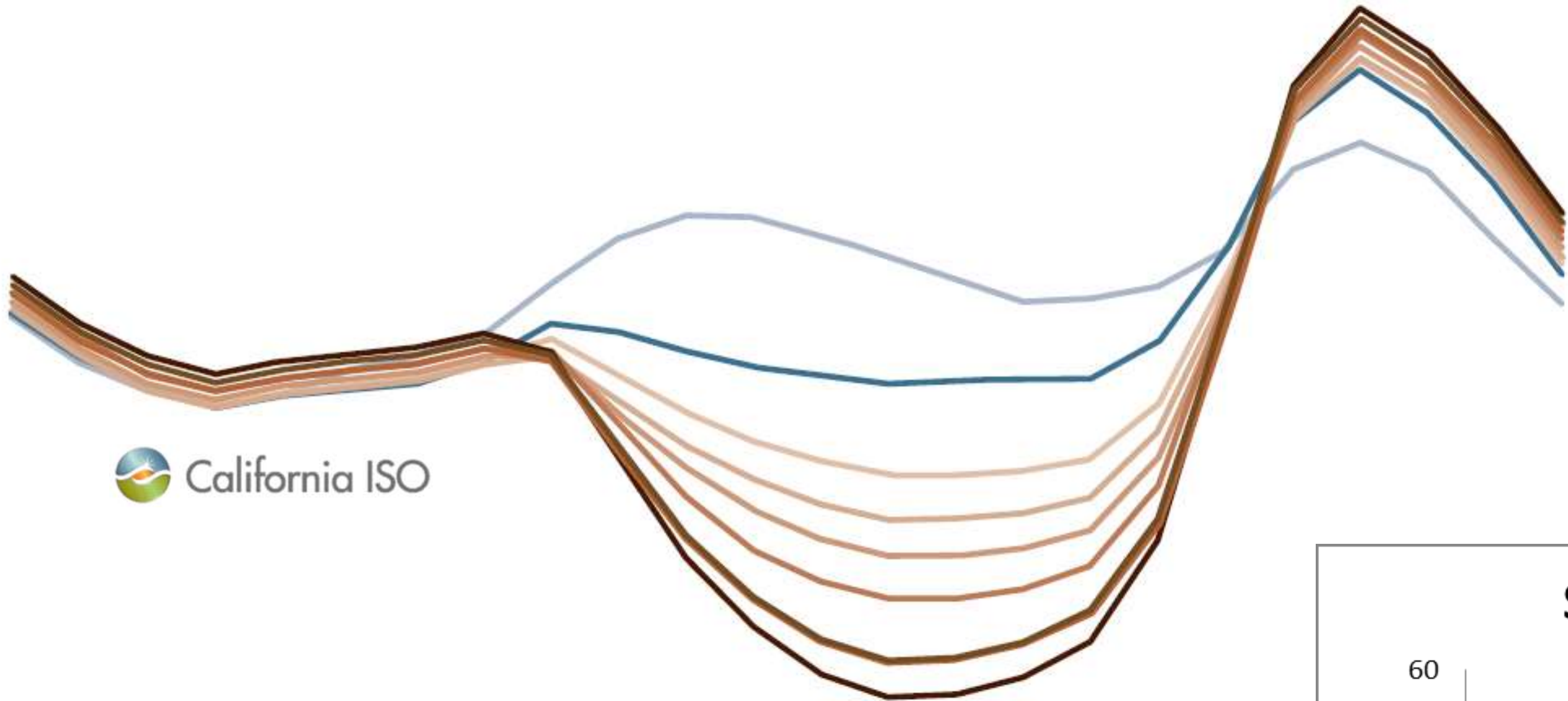


PERIOD 2, 2014-2016 RENEWABLE MIX: 25 PERCENT

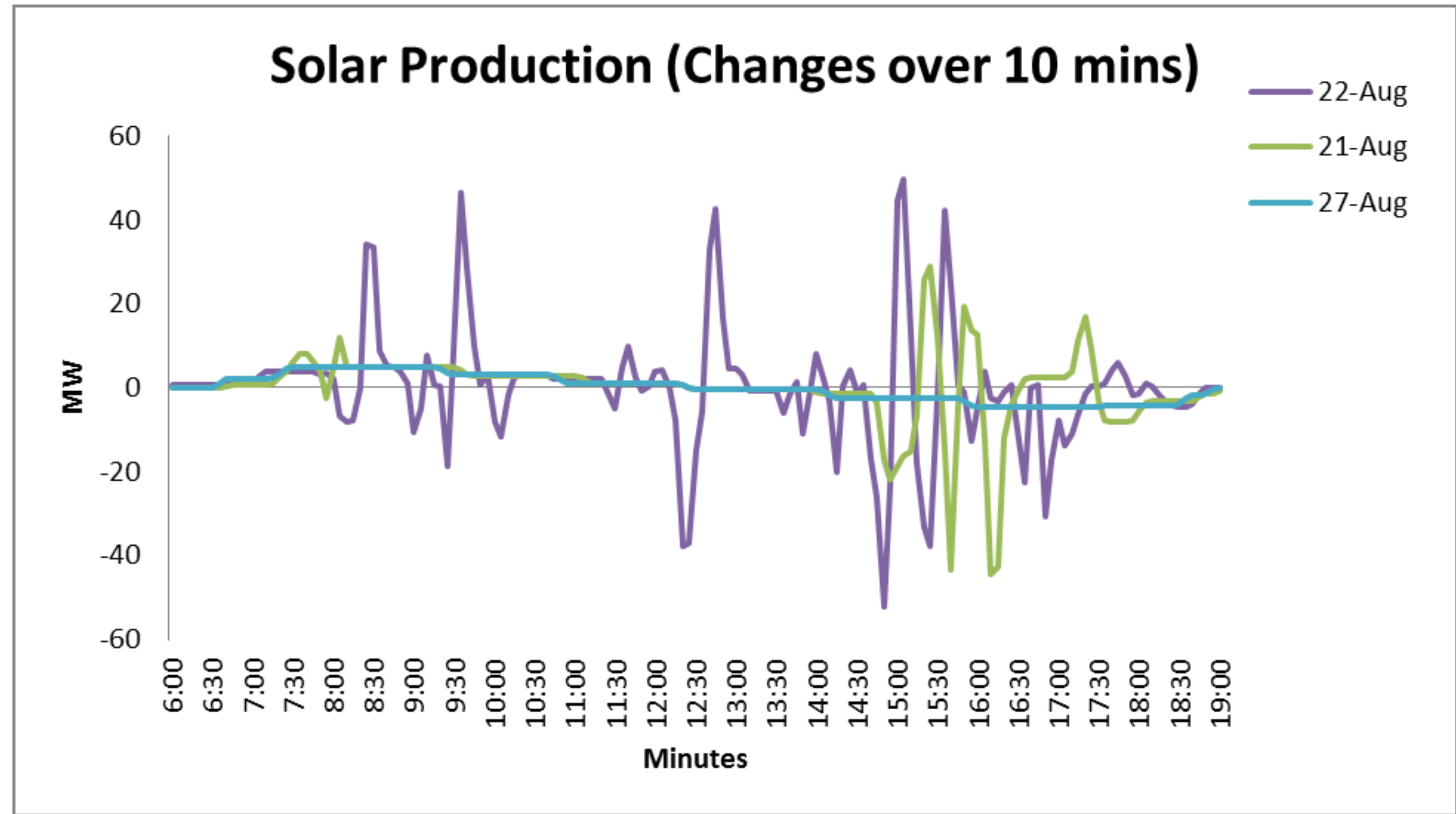
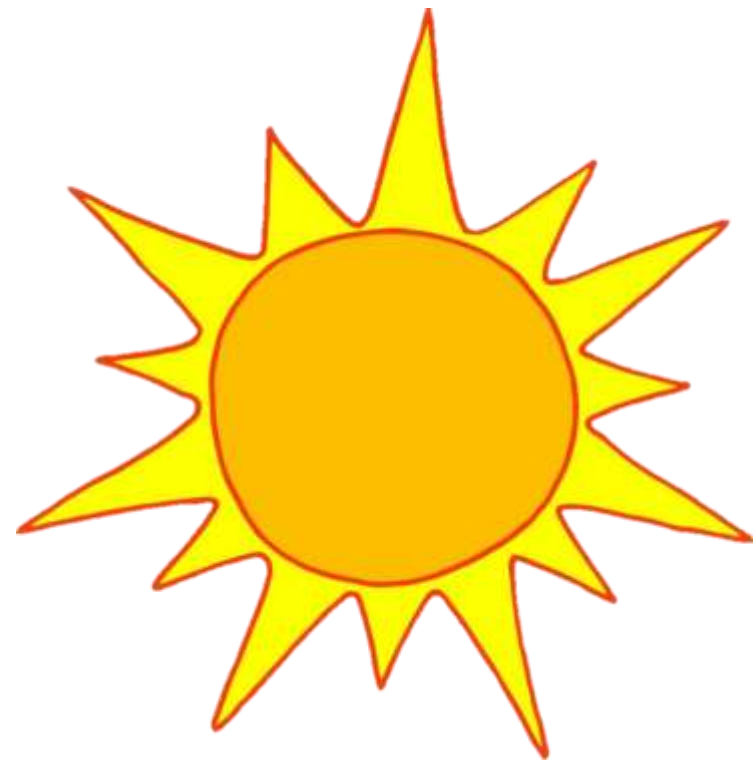


ANTICIPATED PERIOD 3, 2017-2020 RENEWABLE MIX: 35 PERCENT





OR





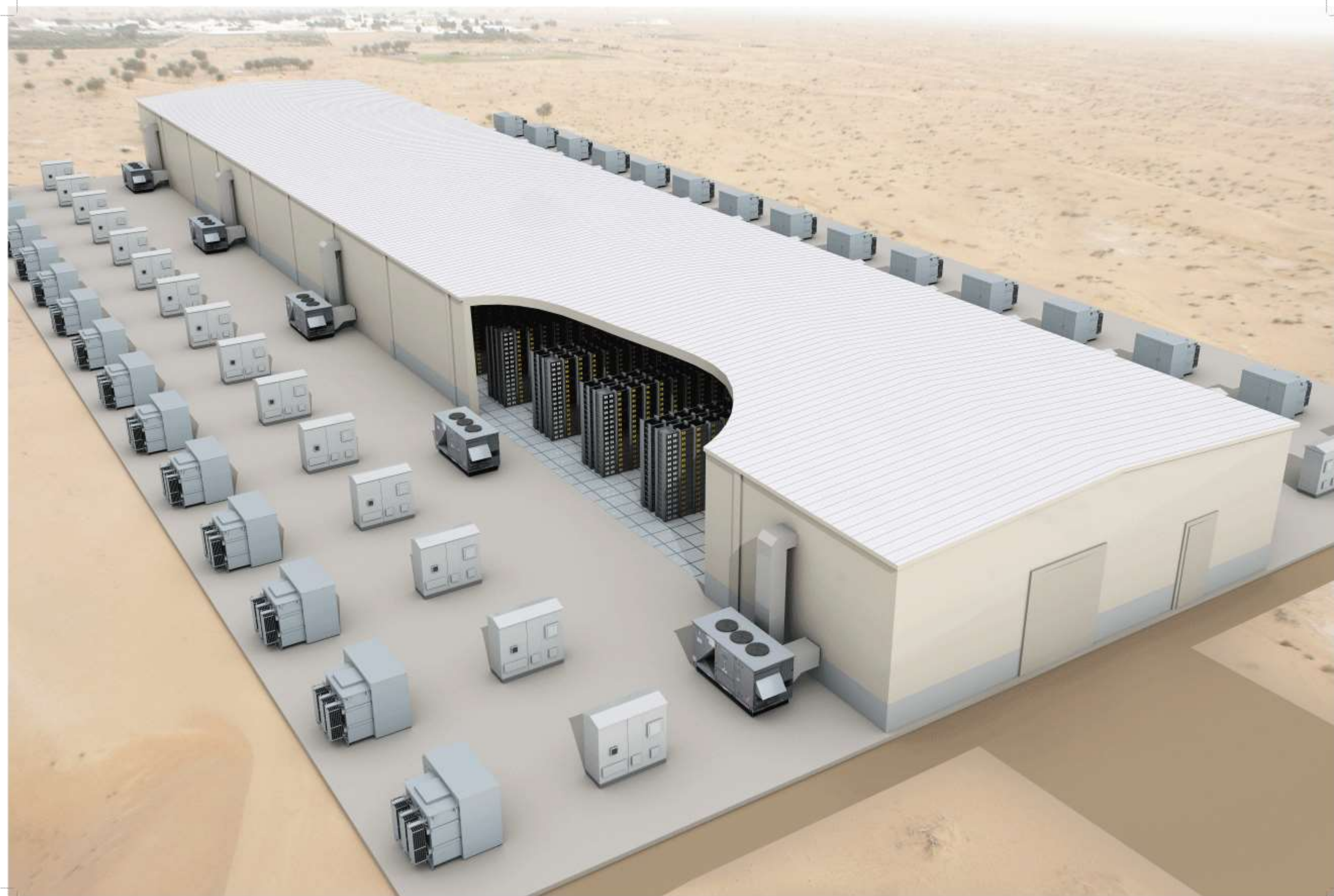
IID

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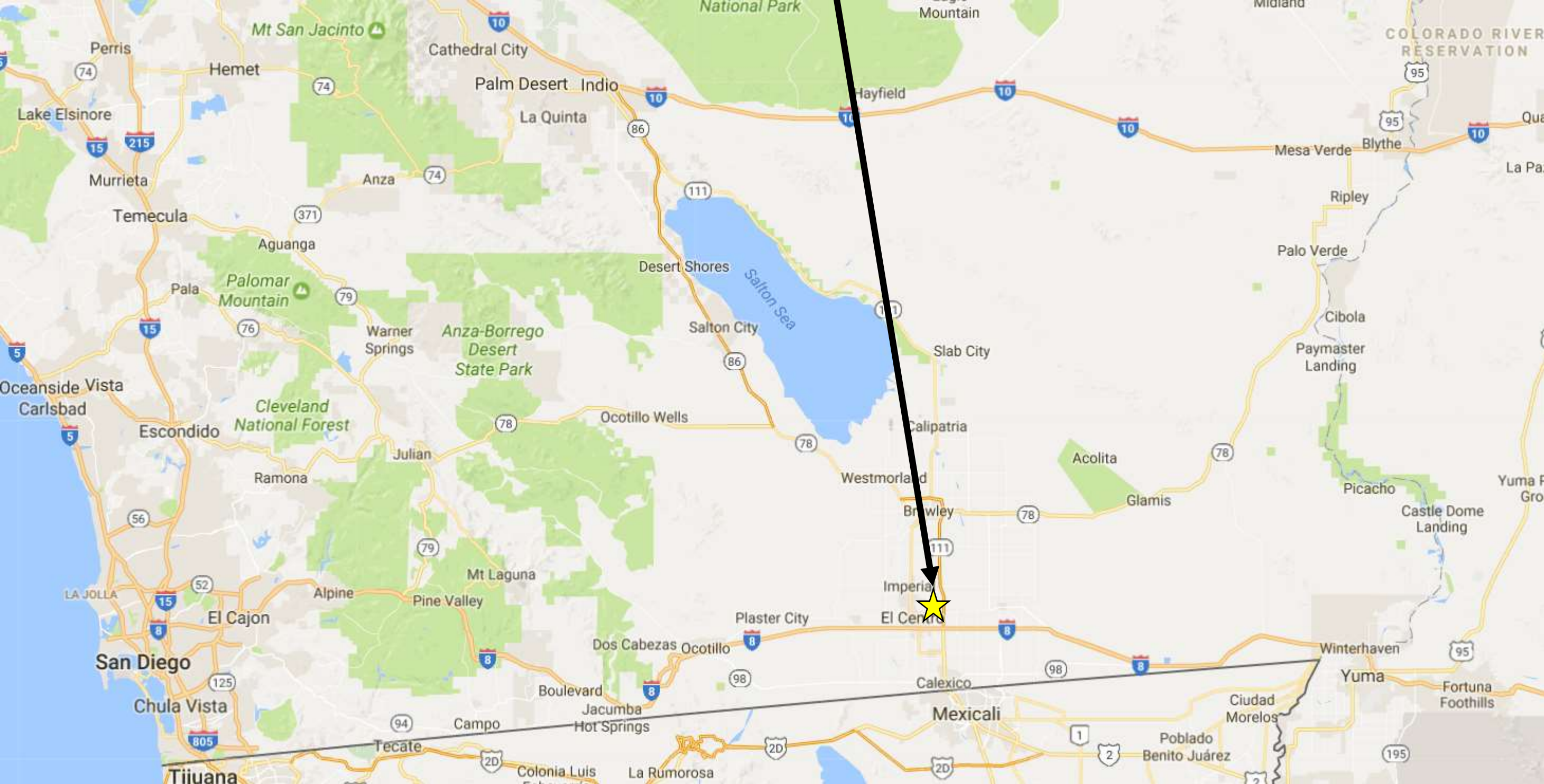
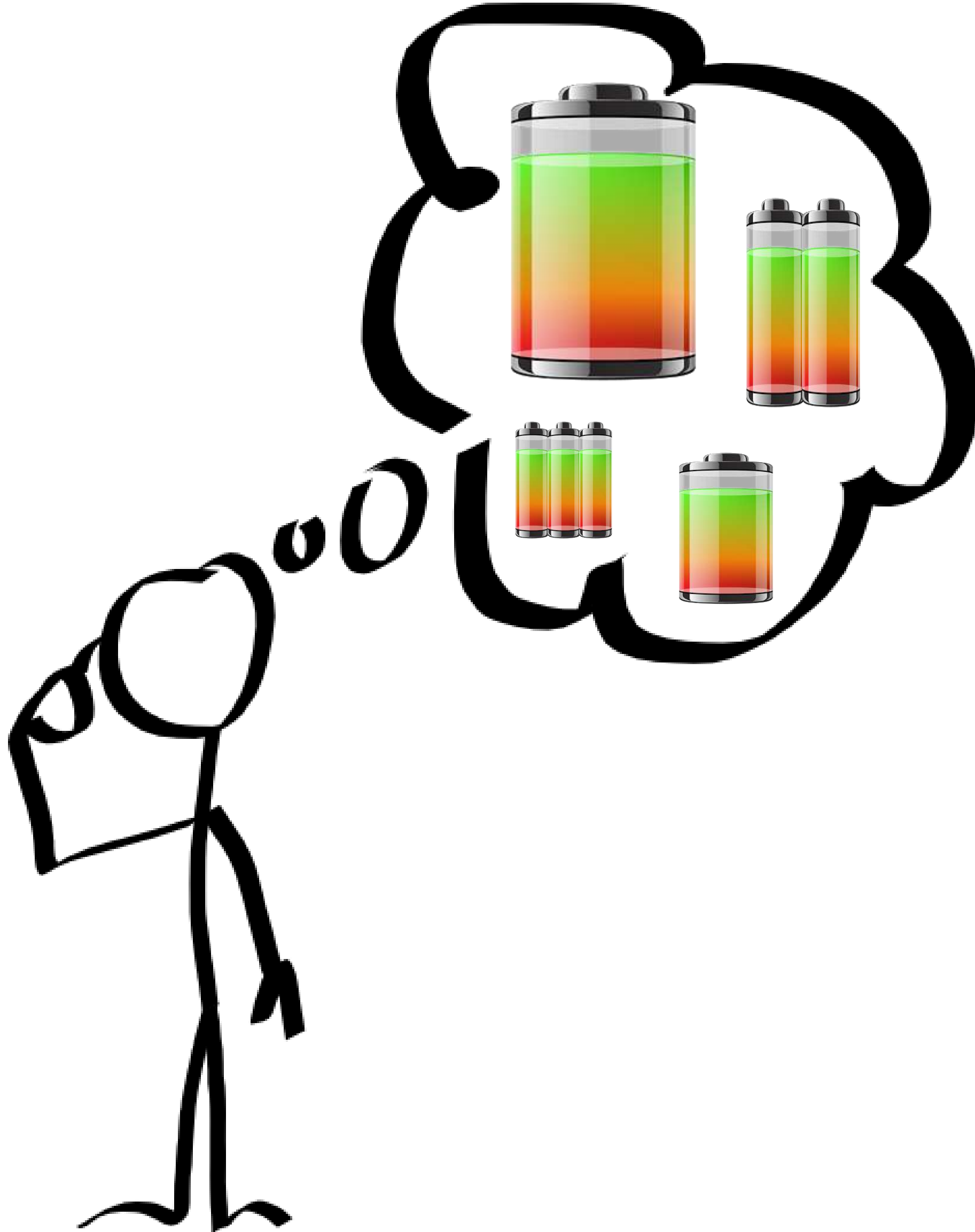
+



POWER ENGINEERS



BESS LOCATION





SAMSUNG
SAMSUNG SDI





SAMSUNG SDI





15 INDEPENDENT BANKS



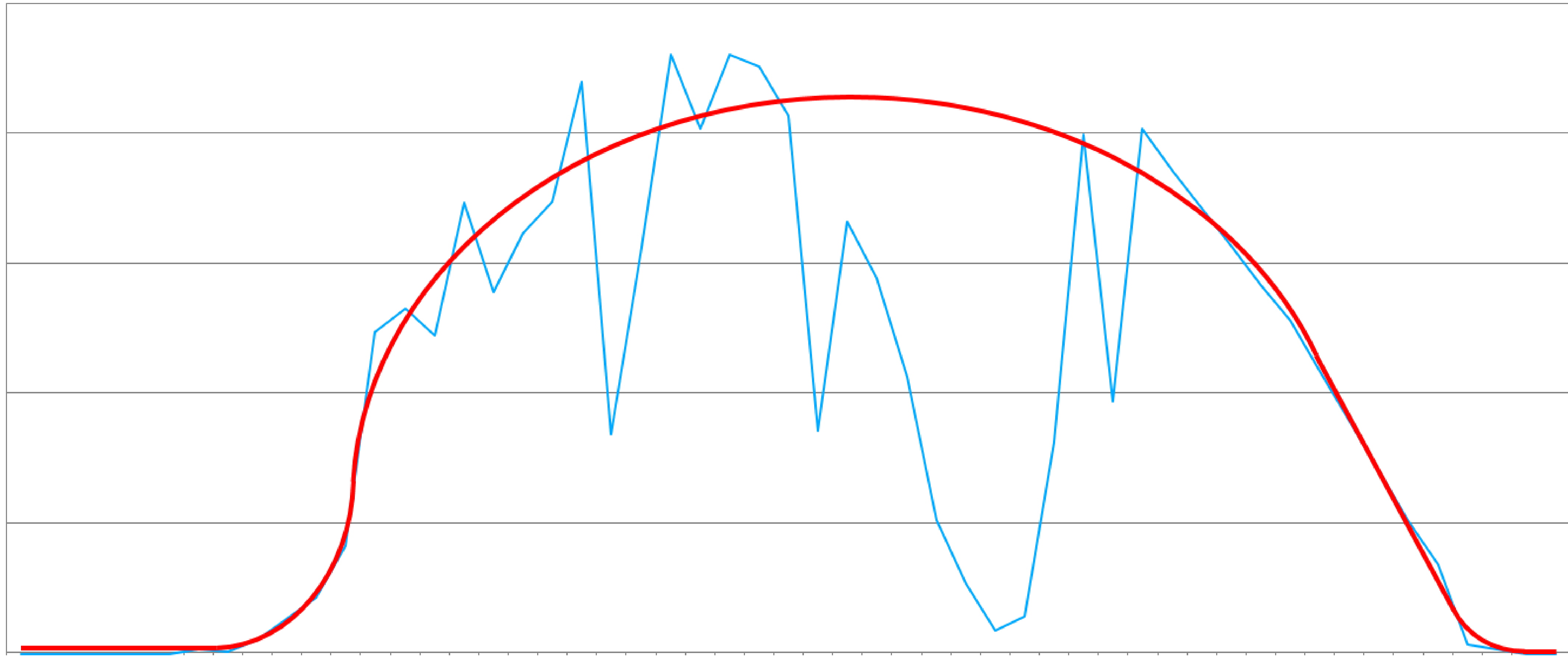
15 INDEPENDENT BANKS

92kV SUBSTATION



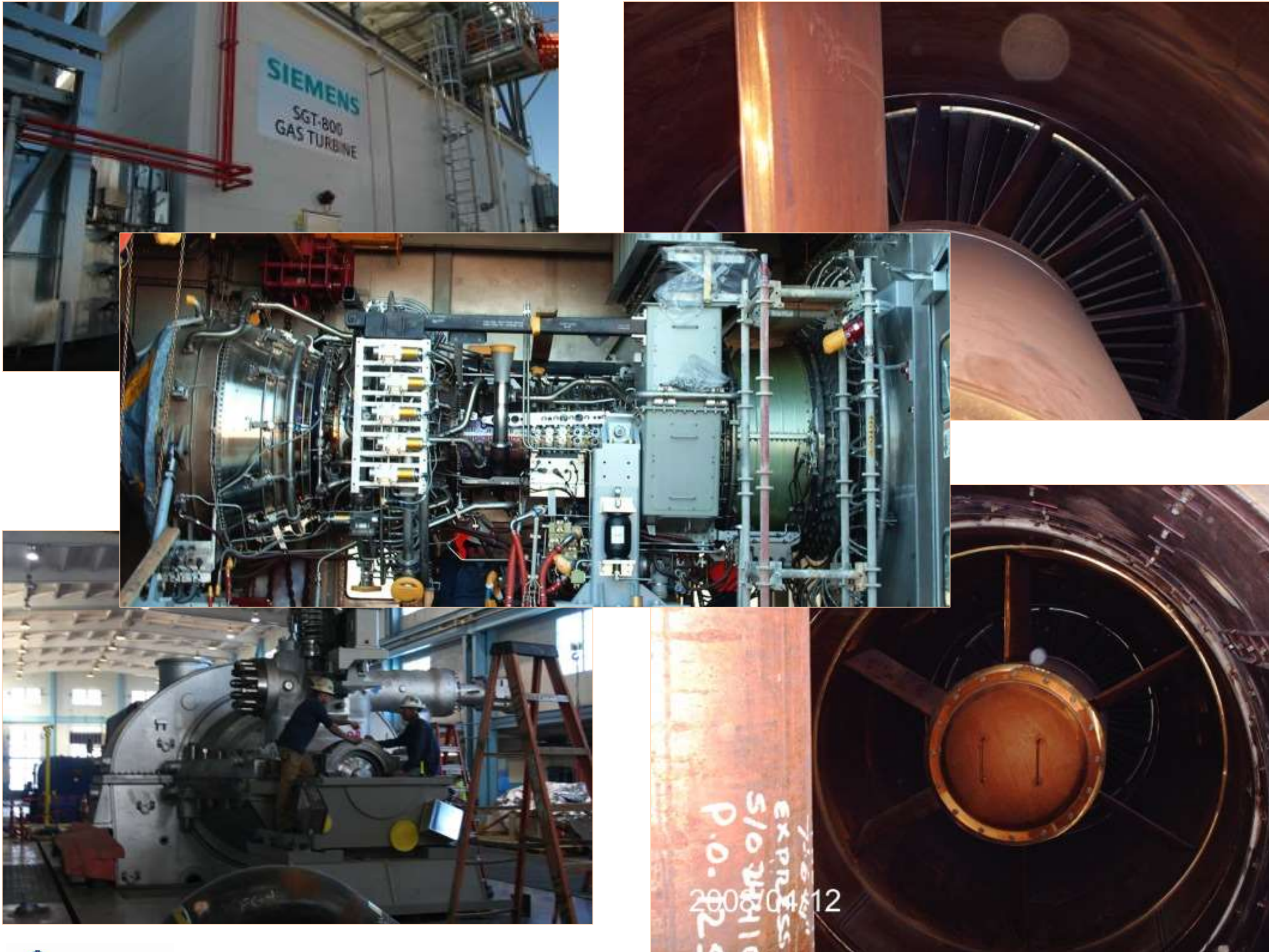
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SOLAR EFFECTS ON CLOUDY DAY



DESIRED SOLAR + BESS

LESS OF THIS.....



BECAUSE OF.....



BLACK START SUPPORT

FAST RESPONSE



Retrieved from: <http://news.nationalgeographic.com/content/dam/news/photos/000/585/58535.jpg>



WHAT'S AHEAD?

THANK YOU!!

Adapted from: <https://fabiusmaximus.files.wordpress.com/2014/07/roadtothefuture.jpeg>



EXPANSION PROVISIONS