

DOCKETED

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SAN DIEGO GAS & ELECTRIC

SDG&E Transmission Update

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IEPR Southern California Reliability Workshop | May 8, 2018



Topics

- SDG&E Overview
- Sycamore-Penasquitos Update

SDG&E Overview

Serving San Diego and Southern Orange Counties in Southern California

Electric

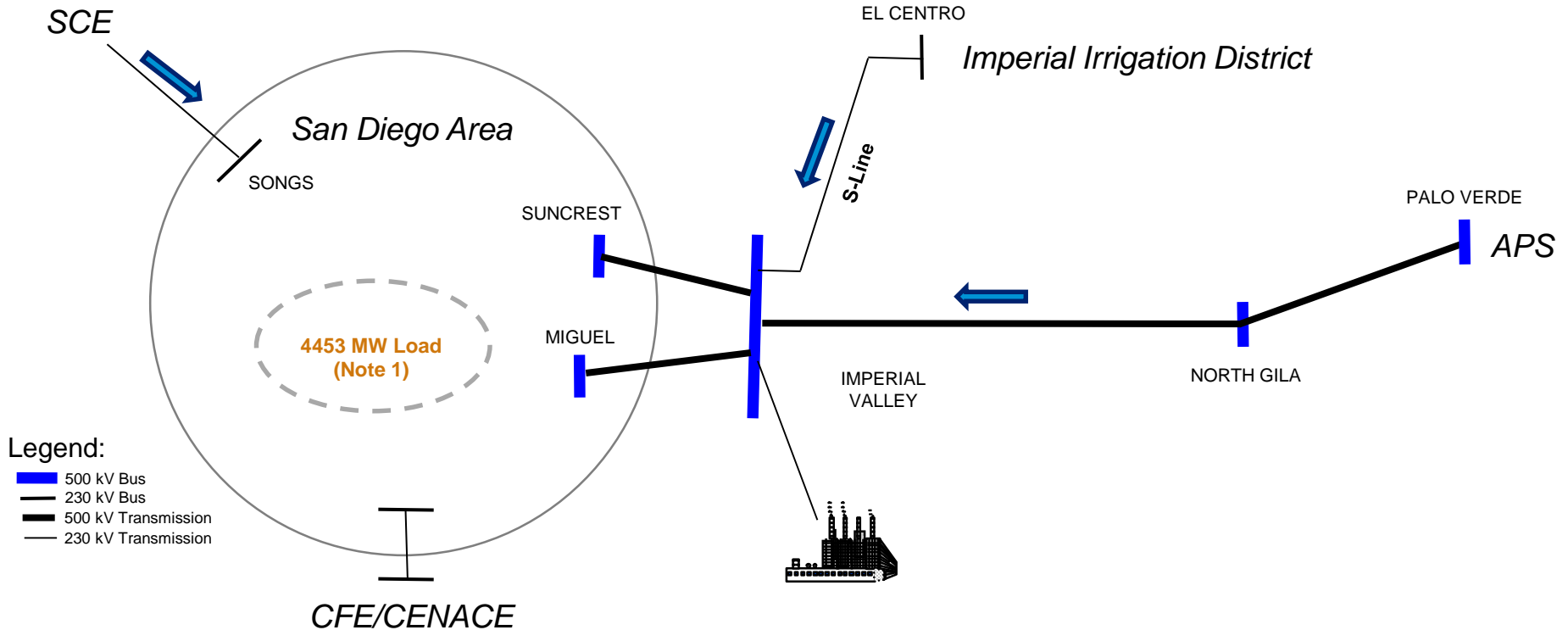
- 43% renewable energy delivered
- 1.4M electric meters
- 2,083 miles of transmission lines
- 23,371 miles of distribution lines
- Over 60% of distribution lines underground

Natural Gas

- 878,000 gas meters
- 168 miles of transmission pipeline
- 8,647 miles of distribution pipeline
- 6,457 miles of service pipeline



SDG&E Electric Transmission Overview



1) California Energy Demand Forecast 2018 - 2030, Mid Demand Baseline Case, Low AAEE and AAPV Savings

Sycamore-Penasquitos 230 kV Update

Major Accomplishments To Date:

- 100% of UG Vaults Installed
- >98% of UG Duct Installed

Status of Remaining Work:

- 230kV UG Bore (under I-15) = 23% complete (approx. 1000 ft)
- 230kV UG Cable Segments Pulled = 87% complete (33 out of 38)
- 230kV UG Cable Splices Completed = 67% complete (24 out of 36)
- 230kV UG Terminations Completed = 50% complete (6 out of 12)

Sycamore-Penasquitos 230 kV Update

Remaining Milestones:

- Completion of 230kV Overhead Construction: May 2018
- Completion of I-15 UG TBM Bore and associated UG conduit tie-ins: June 2018
- Completion of Cable Installation and Commissioning (HiPot and PD): July 2018

Current ISD Target: **July 31, 2018**