



A  Sempra Energy utility



SDG&E Feasibility Study

Status Report

Robert Jackson

August 9, 2005

STEP Meeting

SDG&E 500 kV Feasibility Study

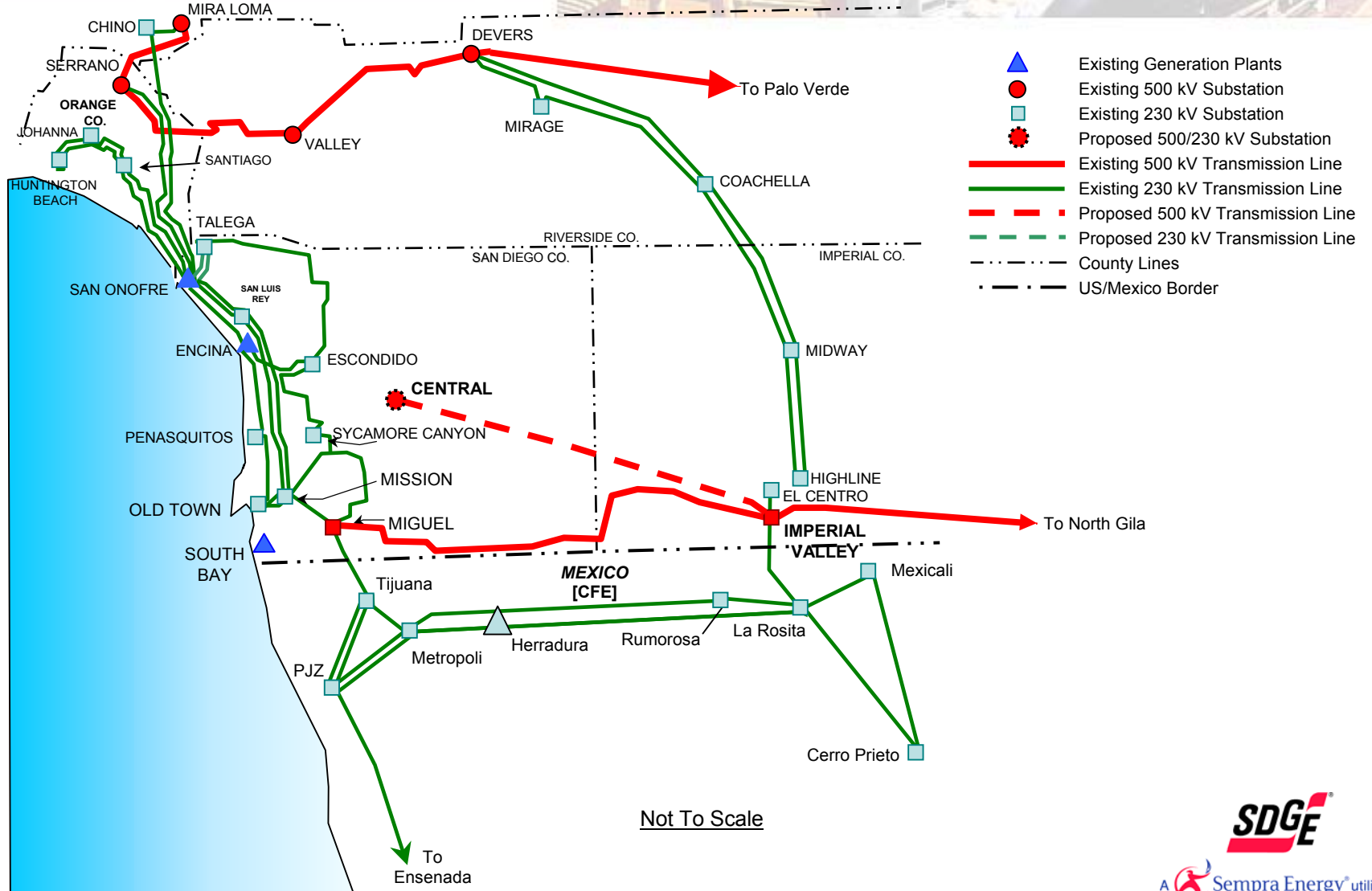
- SDG&E committed to file a purpose and need statement by the end-of-year
- Hired Sergeant & Lundy/Greystone to help with the EIR
- Plan to file a complete environmental filing by mid 2006

2 Preferred Alternatives



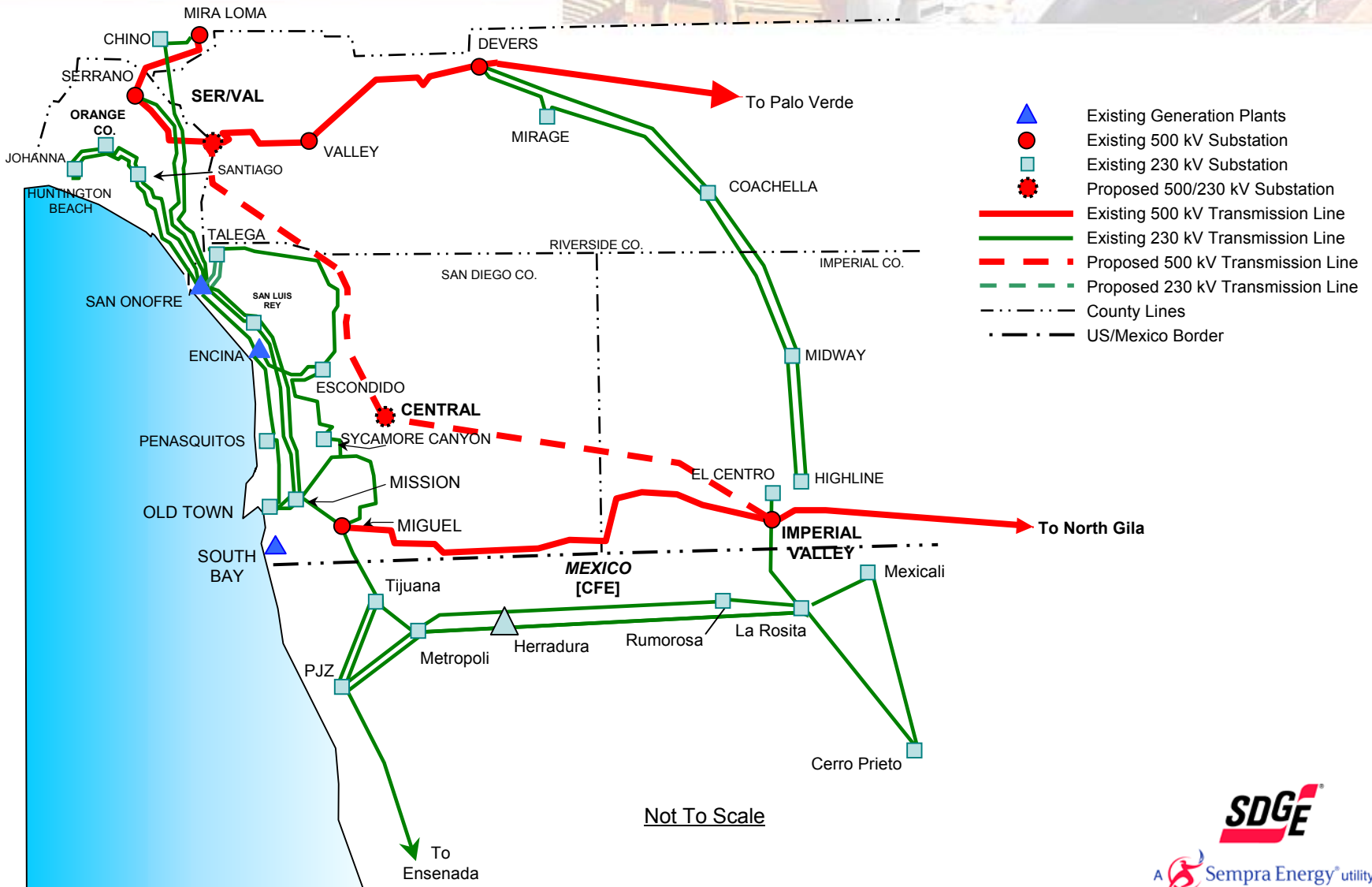
- Imperial Valley – Central
- Imperial Valley – Central – Serrano/
Valley
 - Full Loop

Imperial Valley – Central (locations and routes to be determined)



Imperial Valley – Central – Serrano/Valley

(completing the 500 kV loop)
(locations and routes to be determined)



Not To Scale

Flexibility/Expandability



- Access to potential Renewables
 - San Diego County
 - Imperial Valley
 - CFE (Mexico)
- Full Loop
 - Renewable Highway
 - LEAPS
 - Lake Elsinore Advanced Pump Storage
- Palo Verde – Yuma project
 - APS proposal

Scope



- Base Cases – 2010
- 4000 MW Import
- Different seasons
 - Heavy Summer
 - Heavy Winter
 - Light Autumn
- Different Conditions
 - High Import/Low Dispatch
 - Low Import/High Dispatch

Sensitivities



- East San Diego County Wind
- CFE (Mexico) Wind
- LEAPS (Lake Elsinore Advanced Pump Storage)
- Imperial Valley Renewables
 - Geothermal
 - Solar

Status of Study Work



- 2 to 3 weeks from having a detailed Plan of Service
- Entire Study a few months from completion
- Seeking ISO Approval by EO 2005

Other Work



- Import Study
 - Determining SIL & NSIL
 - Completion within the next 2 weeks
- Economic Study
 - Database being updated
 - Waiting on Import Study results
 - Completion by early October
- Generation Alternatives
 - Completion by end of September

Contact Information



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- SDG&E Website www.SDGE.com/newline

- STEP Website

<http://www.caiso.com/docs/2002/11/04/2002110417450022131.html>