

Workshop Overview, Goals, and Next Steps

11-IEP-1E

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11-IEP-1G

DATE May 17 2011

RECD. May 18 2011

**Integrated Energy Policy Report Committee Workshop on
Transmission Needed to Meet State Renewable Policy
Mandates and Goals**

May 17, 2011

**Judy Grau
Strategic Transmission Planning
Siting, Transmission and Environmental Protection
jgrau@energy.state.ca.us / 916-653-1610**



Overview

- PRC section 25324 authorizes preparation of biennial *Strategic Transmission Investment Plan (STIP)*
- Forms and Instructions adopted Jan. 12, 2011
- Responses received from 14 utilities in March
- *STIP* subsumed into Renewable Energy Strategic Plan for this cycle only
- Meets PRC section 25324 mandate as well as Governor Brown Clean Energy Jobs Plan response



Responses to Transmission Related Data Requests

Anaheim

Azusa

Banning

Burbank

Glendale

LADWP

Pasadena

PG&E

Riverside

SCE

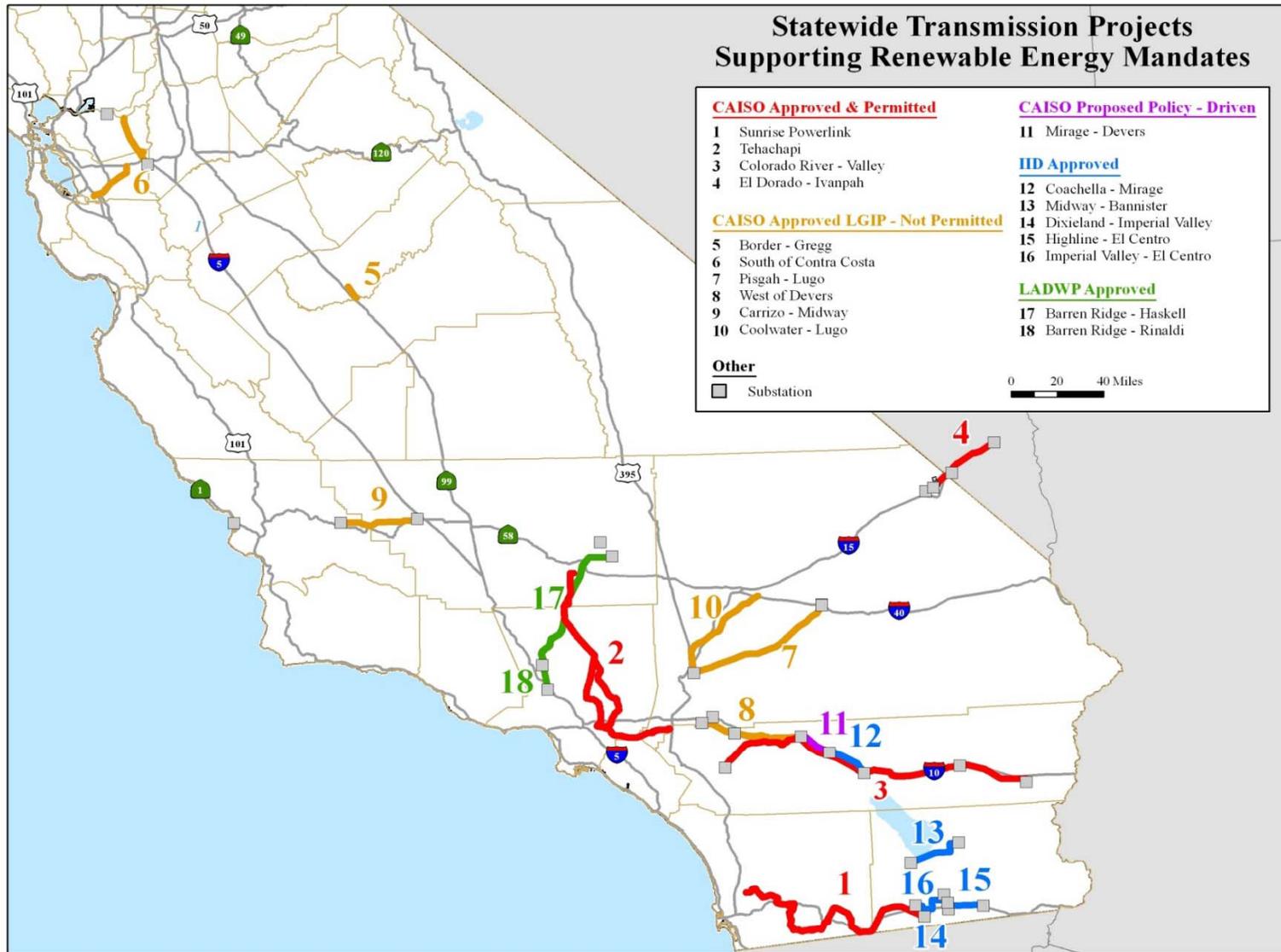
SDG&E

SMUD

TANC

Vernon





Workshop Goals

- **Describe** transmission system plans for interconnecting large-scale renewables in California
- **Discuss** progress made in development of transmission infrastructure to facilitate renewable generation
- **Address** interaction between California and rest of Western Interconnection
- **Recommend** actions to ensure timely transmission system upgrades for renewable generation



Morning Session

- **Describe** transmission system plans for interconnecting large-scale renewables in California
 - **Neil Millar**, California ISO Executive Director, Infrastructure Development
 - **Mohammed Beshir**, California Transmission Planning Group Technical Steering Committee Chair
- **Discuss** progress made in development of transmission infrastructure to facilitate renewable generation [Panel #1]
 - **Jon Eric Thalman**, PG&E Director of Regulatory Strategy and Support, Electric Transmission and Distribution
 - **Robert Woods**, SCE Director of Electric System Planning
 - **Will Speer**, SDG&E Director of Transmission Planning
 - **Stephen Keene**, IID Assistant Manager Policy/Regulatory Affairs
 - **Mohammed Beshir**, LADWP Manager, Power System Planning and Development
 - **Lorenzo Kristov**, California ISO Principal, Market & Infrastructure Policy
 - **Anne Mills**, CPUC Staff Analyst, Renewable Procurement and Resource Planning



Morning Session (continued)

- **Address** interaction between California and rest of Western Interconnection
 - **Grace Anderson**, California Energy Commission Staff
- **Public Comments (limited)**
- **Lunch**



Afternoon Session

- **Recommend** actions to ensure timely transmission system upgrades for renewable generation
 - **Carl Zichella**, Natural Resources Defense Council, Director of Western Transmission
 - **Tony Braun**, Braun Blasing McLaughlin, P.C., Counsel to California Municipal Utilities Association
 - **Neil Millar**, California ISO Executive Director, Infrastructure Development
 - **Mohammed Beshir**, CTPG Technical Steering Committee Chair
 - **Anne Mills**, CPUC Staff Analyst, Renewable Procurement and Resource Planning
 - **Ziad Alaywan**, Independent Transmission Consultant, Z Global
 - **V. John White**, Center for Energy Efficiency and Renewable Technologies, Executive Director
 - **Dariush Shirmohammadi**, California Wind Energy Association Transmission Advisor
 - **Robert Jenkins**, First Solar, Inc. Director – Transmission and Interconnection
- **Public Comments**



Next Steps

- May 24 (Tuesday) - Written comments due.
- Late August – Publish IEPR Subsidiary volume entitled *Strategic Plan for Increasing Renewable Generation and Transmission Infrastructure in California* (aka *Renewable Energy Strategic Plan*).
- September 14 – Committee workshop on *Renewable Energy Strategic Plan*.
- Late September – Publish *Committee Draft 2011 IEPR*.
- October 12 – Committee hearing on *Draft 2011 IEPR*.
- November 30, 2011 – Business meeting adoption of *2011 IEPR*.

