



SDG&E TPR Process Stakeholder Meeting

1. SDG&E TPR Process Data Sheet

- a. Please describe SDG&E's process for pulling data. Identify source systems, records, accounting data, etc.
- b. Please discuss issues in preparing first TPR Process Data Sheet and planned improvements for Cycle 2 (due July 1).

2. Project Prioritization and Approval

- a. Please describe how SDG&E prioritizes and approves reliability and wildfire projects.
- b. Please discuss SDG&E's process for identifying utility self-approved reliability projects versus inclusion of a project in the Transmission Planning Process.

3. Copperleaf

- a. Please describe how SDG&E uses the platform for decision making.
- b. Please walk through the examples provided in response to CPUC Data Request 1-3C (Risk Reduction Benefits for TL691-Avocado to Camp Pendleton, Mission 69kV Sub Rebuild, TL667 Direct Buried Cable Replacement (El Camino Real).

4. Cost Benefit Analyses

- a. Please explain how SDG&E develops these analyses, including the source of the inputs.
- b. Please explain how the values provided in Field 56 of the TPR Process Data Sheet are used in the cost benefit analysis.
- c. Please explain whether SDG&E is using the last authorized budget amounts in its cost benefit calculations or total project costs. Depending on the value used, please explain how it interacts with values shown in Interaction with values reported in Field 56 of the TPR Process Data Sheet.

5. Grid Enhancing Technologies

- a. Please discuss SDG&E's new "line ratings calculator" and describe how it informs SDG&E's project planning/corrective maintenance programs.
- b. Please discuss where SDG&E is evaluating Dynamic Line Ratings and describe any initial feedback from testing.
- c. Please describe the performance of advanced, low-sag conductor in SDG&E's system.
- d. Please explain whether SDG&E is using or plans to use advanced power flow and/or grid topology software. Please include how these technologies could be or have been deployed in SDG&E's service territory.

6. Projects with Both Electric Transmission & Distribution

Please identify any projects where original costs and final costs differed significantly due to accidentally including both the CPUC and FERC costs in the original cost estimate (as opposed to just the FERC costs in the final estimate).¹

7. Wildfire Mitigation Programs on the Transmission System

¹ See SDG&E Response to Data Request CalAdvocates 1-6.



- a. Significant part of future forecast. Please discuss SDG&E's WMP as it affects the electric transmission system.
- b. SDG&E's TPR Spreadsheet includes 24 projects with a primary purpose of "Wildfire Mitigation." Please provide an overview of the Cleveland National Forest, Electric Transmission Small Reliability Projects, and Transmission Construction & Maintenance HFTD Projects and how these provide "wildfire mitigation" benefits.

8. Wood to Steel Pole Replacement Programs²

- a. Significant part of "Wildfire Mitigation" purpose. Describe what has been done to date, benefits derived, and lessons learned.
- b. For the completed towers, please clarify whether the general height of the original towers differs from the replacement towers and explain whether the maximum voltages that the towers carry has changed.
- c. Remaining work to be done – when will SDG&E have completed all of its planned replacement work?
- d. Please explain any induced current challenges with SDG&E's steel pole conversions.

9. CAISO Policy-Driven Projects (2022-23 TPP)

- a. Please provide any updates on the CAISO's award of Imperial Valley-north of SONGS 500 kV Line and Substation; North of SONGS-Serrano 500 kV line; and North Gila-Imperial Valley 500 kV line.³
- b. Please describe SDG&E's process/timeline for incorporating new TPP projects into the TPR Data Spreadsheet

10. Direct Buried Cable Projects

- a. Overview of Direct Buried Cable Projects in SDG&E's Territory
- b. Assessment of emerging reliability issues with direct buried cable that has not been replaced.
- c. Projects completed to date
- d. Projects proposed in future

11. Supply Chain Issues

Please explain whether SDG&E is encountering any supply chain issues for transformers, circuit breakers, and other critical transmission-related infrastructure. If it is, please explain them and describe SDG&E's plans to address.

² Lines 18, 24, 26, 31, 32, 36-39, 51, 61, 95, 98, 100, 102-106, 108 and 109.

³ See SDG&E Response to Data Request CPUC 1-10a.