

Proposed Topics from the CPUC and Stakeholders for SDG&E TPR Process Cycle 2 Stakeholder Meeting on September 30, 2024

1. Projects from the TPP or TDF Missing in TPR Project Spreadsheet

The below is a list of projects that are currently not in the TPR Project Spreadsheet. Please explain for each project why that project is not included in the TPR Project Spreadsheet and what criteria it does not meet. If the project meets all the criteria, please identify why it is not included in the spreadsheet and provide information on its current status. In addition, if it is operational, please provide its in-service date. In addition, if the below projects were rescoped, please state which projects superseded them.

- a. Additional 450 MVAR of dynamic reactive support at San Luis Rey (i.e., two 225 MVAR synchronous condensers)
- b. Imperial Valley Flow Controller (IV B2BDC or Phase Shifter)
- c. 15 MVAR Capacitor at Basilone Substation
- d. 30 MVAR Capacitor at Pendleton Substation

2. TPR Project Spreadsheet

- a. Please describe SDG&E's process for pulling data. Identify source systems, records, accounting data, etc.
- b. Please describe issues in preparing the second TPR Project Spreadsheet and planned improvements for Cycle 3.

3. Capital Expenditure

For the following, refer to the September 6, 2024 update to the SDG&E TPR Project Spreadsheet. Please explain the potential discrepancies for:

- a. **Line 68 CAST Security Upgrades** - Data Field 56 (Current Projected Total or Actual Final Cost) is approximately 75 times the value of Data Field 57 (2019-2023 Actual Capital Expenditures).
- b. **Line 72 Kettner Rebuild** - Data Field 56 (Current Projected Total or Actual Final Cost) is 58% higher than the value of Data Field 57 (2019-2023 Actual Capital Expenditures).

4. Blanket Budgets

- a. The following non-exhaustive list of blanket programs are shown in the TPR Project Spreadsheet. For each blanket line item, please explain how SDG&E develops the budgets for these programs and give examples of subprojects under these line items.

- i. **Line 128 Transmission CMP Non-HFTD** – Data Field 58 (Projected Capital Expenditures) shows approximately \$162.4 million in years 2025-2028.
- ii. **Line 103 Substation DC Reliability Upgrades** – Data Field 58 (Projected Capital Expenditures) shows approximately \$17 million in years 2025-2028
- iii. **Line 103 Substation DC Reliability Upgrades** - Field 58 (Projected Capital Expenditures) shows approximately \$17 million in years 2025-2028
- b. In response to CPUC Energy Division's Data Request 01-03, on circuit breaker replacement projects, SDG&E mentions project Murray WO# 5984604 Replace 69kV Breakers that is over \$1 million. Please present this project on a separate line in the next iteration of the TPR Project Spreadsheet.

5. Hardware/Software Projects

- a. In SDG&E's Response to CPUC Energy Division's Data Request 01-27, on **Line 311 2026 SDGE Network Refresh**, SDG&E notes the costs are for "Sempra managed facilities like payment offices, bases, campuses." In subpart b, they note "The scope of work is replacing Network Hardware considered end-of-support by the network device vendor..." Please describe the allocation of costs between retail and transmission customers for this project.
- b. In SDG&E's Response to CPUC Energy Division's Data Request 01-30, **Line 199, A EFD-WMP-IPREDICT**, SDG&E indicates "This is a multi-year, internally developed software project currently under development. In subpart c it indicates "system protection" is the primary reason for the project. Please describe the allocation of costs between retail and transmission customers for this project.

6. Fire-Related Costs

- a. In response to CPUC Energy Division's Data Request 01-28, **Line 156, A CMP_T3_L3_TL50003_Z123862X_1498**, SDG&E indicates in subpart b "Project Scope is the replacement of damaged and melted hardware due to fire spanning 19 Structures.
 - i. Please identify the fire that caused this damage (i.e. the name given to the fire by Cal Fire)
 - ii. Please explain the cause of the fire, whether it was SDG&E or a third party. If a third-party, is SDG&E seeking recovery of these costs from the responsible party?
 - iii. Please confirm that a High Fire-Threat District designation does not apply to this project (Data Field 16 – "NA")
- b. In response to CPUC Energy Division's Data Request 01-29, **Line 129, ACMP_T0_L2_TL6925_Z273965_14637**, SDG&E indicates in subpart b "A Pole was damaged during a fire creating a few cracks at the bottom of the pole."
 - i. Please identify the fire that caused this damage (i.e. the name given to the fire by Cal Fire)

- ii. Please explain the cause of the fire, whether it was SDG&E or a third party. If a third-party, is SDG&E seeking recovery of these costs from the responsible party?
- iii. Please confirm that a High Fire-Threat District designation does not apply to this project (Data Field 16 – “NA”)

7. Jamacha Rebuild Project

In response to CPUC Energy Division’s Data Request 01-13, **Line 86, A APP-WMP: Jam 69kV Rebuild WO 2975539**, SDG&E references "complexity" of the project. Please provide an overview of the project, in order for stakeholders to have a more complete understanding of the complexity referenced.

8. Penasquitos-Mira Sorrento Project

Related to CPUC Energy Division’s Data Request 01-43, **Line 300, Rearrange TL23013 PQ-OT and TL6959 PQ-Mira Sorrento**, please provide an overview of the project, in particular an explanation of the overloads necessitating the rearrangement.

9. Insulator Shanks

In response to CPUC Energy Division’s Data Request 01-34, **Line 158, ACMP_T2_L3_TL23051_Z619959X_1463**, SDG&E indicated that "Project scope is the replacement of insulators for 20 double circuit spans (TL23051 and TL6920) due to heavy rust on insulator shanks."

- a. What is the life cycle of insulator shanks?
- b. Has SDG&E identified issues with other insulator shanks on its system?

10. Circuit Breaker Monitoring

In response to CPUC Energy Division’s Data Request 01-09 **Line 31, 5987539 - A PENASQUITOS AGING INFRS. 138K B**, subpart d, SDG&E mentions "leaking hydraulic fluid", and the difficulties and costs associated with maintaining oil breakers. Please provide a detailed overview of the circuit breaker replacement program, including the number of oil breakers, SF6, and vacuum breakers on the system, the life cycle of each, and an explanation of the maintenance costs for each type of breaker.

11. Project On Hold

On SDG&E’s response to CPUC Energy Division’s Data Request 01-45, **Line 245, San Mateo Substation**, SDG&E notes that a project that is "on hold" and that " ...the initial concerns dictating the need for the project changed. The reliability issues were addressed in another project, and there is no longer an overload concern." Is this project still needed? Should it be cancelled?

12. Remediation CMP Issues

- a. **Lines 131-165** consist of projects described as "Remediation CMP issues in the Non-HFTD zone and HFTD zones". Please provide a detailed description of these projects, including the following topics:
 - i. How SDG&E identifies these projects
 - ii. Which types of compliance issues these projects address
 - iii. The number of compliance issues initially identified
 - iv. How many of the original compliance issues have been addressed and how many compliance issues remain
 - v. How SDG&E prioritizes the work.
- b. In SDG&E's response CPUC Energy Division's Data Request 01-36, **Line 131, A CMP_TO_TL630_Z475724_TT13577**, subpart d, the requested list of assets under 25 years of age is incomplete. Please provide that list of assets, including manufacturer, and explain why it is being replaced, including whether the asset failed in service.

13. ET Line Easements

In SDG&E's response to CPUC Energy Division's Data Request 01-35, **Line 12, A TL 682 LA JOLLA ET EASEMENT**, SDG&E indicates "The easement (RW 79463) includes portions of electric transmission TL 682 and electric distribution circuit c-214." Please describe the allocation of costs between transmission and distribution for this project.

14. Cost Benefit Analysis

- a. Please explain how SDG&E develops these analyses, including the inputs and the source of the inputs and how benefits are quantified.
- b. SDG&E has included the Cost-to-Benefit ratio (CBR) for only a certain number of projects (28 out of 311 projects in the TPR Project Spreadsheet). Why have only these projects undergone a CBR? What is SDG&E's schedule to calculate CBRs for all the remaining projects? For example, how many projects will have their CBRs calculated by December 2024 and each quarter thereafter?
- c. Please explain how the values provided in Field 56 of the TPR Project Spreadsheet ("Current Projected or Actual Final Cost") are used in the cost benefit analysis. Are they the same? If not, please explain why.
- d. Are cost benefit analyses updated over time as higher value projects are completed or cost estimates are updated? What is the periodicity of the updates?