

**Proposed Topics from the CPUC and Stakeholders for SCE TPR Process
August 28, 2026 Stakeholder Meeting**

TPR Process Project Spreadsheet Data Quality and Management

Please provide an overview of SDG&E's process for compiling and validating the TPR Project Spreadsheet, noting any changes since the last cycle. Please explain the issues encountered in preparing the June 2026 spreadsheet, including the data errors that required correction, and describe the corrective actions and process improvements planned for future cycles.

Utility Prioritization Ranking (Field #25)

A number of projects have been delayed or had their projected expenditures modified due to scope change or a "change in design strategy and construction methodology." Please describe these strategy and methodology changes in detail. How do these changes relate to how a project is prioritized? What steps SCE is making to policies and processes to reduce or eliminate these delays? Can any cost savings be quantified based on these design strategy and construction methodology changes?

Allowance for Funds Used During Construction (AFUDC)/Delays

General policy follow-ups that SCE can provide to Stakeholders.

AACE Class – Project Cost Estimate Maturity (Field #48)

Data response requests regarding implementation of AACE indicate inconsistency in whether and when project cost estimate maturity is updated. Q19 response, prepared by Jack Huang, says it is "incorrect" to assume that AACE Classification changes when a project advances, and that "a new AACE Classification will only occur if there is a business need for a new iteration of the estimate." Q45 response, prepared by Kenneth Spear, says "AACE Class is assigned at the time of estimation during designated control points in the project lifecycle...and is not thereafter reassessed or updated due to subsequent forecast changes or project advancements, including the commencement of construction", and that AACE class "serves as a fixed attribute"; Q47 response, prepared by Scott Lacy, says SCE will "assign an updated AACE class after the necessary regulatory approvals have been granted and the project proceeds into the final engineering stages."; Q48 response, prepared by Elizabeth Webb, says a "re-estimate was performed which improved the AACE estimate to an AACE Class 3"; Q57 response, prepared by Hamid Arshadi, says "the plan and timeline for progressing to an AACE Class 3 or better as engineering advances will be at Gate 4."

Given the variance in the examples above, please provide an update on how SCE assigns, updates, and governs AACE cost estimate classifications across the full project lifecycle, including

- a) The methodology and criteria used to assign an initial AACE Class

- b) whether, how, and at what project milestones AACE Classes are reviewed and updated as projects progress from planning through construction and near completion. How is a “business need” for a new iteration of an estimate defined?
- c) the quality control, oversight, and correction mechanisms used to ensure AACE Class designations are accurate, consistent, and current

Project Description – What (Field 6)

For large or complex projects that include multiple types of work across multiple facilities, please explain how the determination of which category to use for “Project Description - What” is made. Is there a dollar threshold, a percentage of the overall work by category, or is it at the Project Manager’s discretion?

- a) For SP-10 Riverside Transmission Reliability Project, how was the determination made that it is “Substation – multiple”?
- b) For SP-41, how was the determination made that it is “Transmission Line/Substation”?
- c) For SP-44 and SP-55, please explain the primary differences between these two projects that lead one to be classified as “Substation – Multiple” and one to be classified as “Other - Remedial Action Scheme/Special Protection Scheme”.
- d) Please provide other examples of projects where there appear to be multiple possible choices for the Field 6 classification and explain how the determination was made.

Primary and Secondary Purpose (Fields 9 and 10)

For large or complex projects that address numerous issues or serve numerous purposes, please explain how the distinction between “Primary Purpose” and “Secondary Purpose” is made. Is there a dollar threshold, a percentage of the overall work by category, or is it at the Project Manager’s discretion?

Supply Chain Constraints, Tariffs, and Advance Procurement

- a) SCE indicated that several critical equipment categories are facing material cost or schedule risks due to supply chain constraints and manufacturing capacity constraints, and SCE provided one example of a project with a delayed in-service date due to these constraints. Please describe which other projects or programs are facing similar cost pressure or schedule risks due to supply chain constraints
- b) Please describe whether and how tariffs are affecting the cost and availability of transformers, circuit breakers, and other critical transmission-related infrastructure, and whether particular categories of project or types of equipment are more impacted than others by tariffs.
- c) Please provide an update on SCE’s advance procurement of transformers and circuit breakers, both for emergency inventory and known projects. Please include updates on the preferred manufacturers/production slot reservation strategy and the work order process improvement pilot. Include examples of tangible results from the slot reservation

strategy and process pilot (money saved, delays averted, etc), as well as a description of challenges encountered.

Transmission Projects and Network Upgrades with Large Generator Interconnection Dependencies

[Placeholder of Specific Projects from the TDF and SB 1174 to be Provided by the CPUC]

Data Centers and Private Large Load Interconnections

- a) Has SCE received any applications for transmission-level interconnections for data center or private large load projects? If so, please describe the details of the planned project(s), including but not limited to cost, timeline, and rate schedule. If not, please describe how SCE plans to treat such an interconnection application in the future.
- b) Discuss whether SCE has seen or anticipates congestion impacts from data center loads in neighboring utility territories.
- c) Please discuss any load cluster studies SCE has undertaken or plans to undertake with regard to private large load projects.

Transmission-Level Electric Vehicle Charging

Has SCE received any applications for transmission-level interconnections for electric vehicle charging projects? If so, please describe the details of the planned project(s), including but not limited to cost, timeline, and rate schedule. If not, please describe how SCE plans to treat such an interconnection application in the future.

Grid Enhancing Technologies

Please provide any updates on Grid Enhancing Technologies (GETs) SCE is evaluating, including but not limited to Ambient Adjusted Ratings (AAR), Dynamic Line Rating (DLR), Advance Conductors, Advanced Voltage Control). Include in the discussion whether any GETs projects have been in coordination with the CAISO, and how deployment of these technologies has enhanced grid operation and congestion/constraint mitigation timelines and/or demonstrated cost benefits.

Transmission Conductors

SCE reported that it is still developing the conductor component of its grid modernization strategy to increase adoption of advanced conductors. Please describe SCE's plan and progress. Please describe any issue related to managing supply chain, SCE-internal processes, and other identified factors to help stakeholders to understand when implementation of advanced conductors is the preferred solution for transmission and reconductoring projects.

LA 2028 Olympics

Please provide an overview of expected work on SCE transmission facilities and work impacts (delays, etc) related to the upcoming LA 2028 Olympics, including estimated cost, any anticipated betterment, and expected cost allocation of the associated projects.

Wildfire Mitigation Policies

Have there been any changes to SCE's wildfire mitigation plan or policies, such as additional measures in the transmission plan, as a result of the January 2025 wildfires?

Competitively Bid Projects

Please provide an update on the competitively bid projects that SCE have incumbent-utility responsibilities for, addressing the following:

- a) Cost estimate for the SCE-responsible incumbent-utility upgrades and interconnections
- b) Integrated project schedule, milestones, and contractual status
- c) Reliability impacts and interim mitigation

FERC Order 881

Please provide detailed project description, upgrades required, project scope, estimate and milestone schedule FERC Order 881 implementation Plans and current compliance with CAISO Implementation Plans

Transmission Telecommunication System

Please provide an overview of SCE's transmission Telecommunication system, including but not limited to substation to substation to control centers communications, technologies deployed (ADSS, OPGW, microwave, and other technologies as relevant), and fiber types. Describe the current state of the system, including any planned upgrades.

IEC 61850 Communication Protocols

Please describe any plans for implementation or pilot programs related to implementation of IEC 61850 communication protocols at SCE substations, including but not limited to substation transmission monitoring of transformers, circuit breakers, and batteries, and upgrades to microprocessor protection and control.

Transmission Line Sectionalizing

Please provide an overview of transmission line sectionalizing and control including SCE's overall sectionalizing philosophy, how sectionalizing is deployed, types of devices, number of devices, voltages, and planned upgrades in the future.

Transmission Line Rating Remediation (TLRR)

- a) Please provide an update on the total number of discrepancies that have been addressed and the total number of discrepancies still needing remediation for all TLRR work.
- b) In response to information request “CPUC - SCE- TO 2027- 001, Question 1.014, b” regarding the “SCE TO2027 Draft Annual Update – WP Schedule 16 (Summary of ISO Cap Expenditures Forecast Non-Inc Projects) – Transmission Line Rating Remediation (TLRR)”, SCE provided a list of eighteen TLRR projects with projected expenditures greater than \$1 million, though only six of these projects have a Project Number that corresponds to the June 2026 SCE TPR Project Spreadsheet (PS). Please discuss where the other twelve projects, listed below, with individual value over \$1 million may be found in the June 2026 SCE PS.
 - PIN 7298: Ellis – Johanna 220 kV TLRR Project
 - PIN 7298: Casa Diablo – Rush Creek 115 kV TLRR Project
 - PIN 7298: Calectric – Highgrove No 1 115 kV TLRR Project
 - PIN 7298: Calectric – Highgrove No 2 115 kV TLRR Project
 - PIN 7298: Control – Plant 3 – Plant 4 115 kV TLRR Project
 - PIN 7298: Gale – PS-512 115 kV TLRR Project
 - PIN 7298: Mayberry – Nelson 115 kV TLRR Project
 - PIN 7298: Eagle Mountain – Blythe 161 kV TLRR Project
 - PIN 7867: Eldorado – Pisgah – Lugo 220 kV TLRR Project
 - PIN 7904: Ivanpah – Control 115 kV TLRR Project
 - PIN 7907: Gorman – Kern River 66 kV TLRR
 - PIN 7906: Control – Silver Peak 55 kV TLRR Project

Physical and Cyber Security-Related Projects

Please provide an update on major projects in this category, their current status, and any significant risks or challenges.

Betterment: Facilities installed or work performed by SCE or SCE’s customers on behalf of SCE to serve future customers in addition to required project scope.

- a) Does SCE add betterment scope to transmission projects? If so, please answer the following questions.
- b) How does betterment work? How does SCE determine which projects receive betterment scope and which do not?
- c) Please list the projects in the TPR PS that include betterment scope. For each of these projects, how much of the total cost is associated with betterments? Is there a way to identify projects in the TPR PS that include betterment scope?
- d) If SCE constructs betterment facilities, how does SCE track whether the betterment facilities are actually utilized?

- e) Can betterment facilities be approved without CPUC approval? If yes, what percentage of betterment projects do not receive CPUC approval. If no, what type of CPUC approval do betterment facilities require?
- f) Is betterment recovered through SCE's GRC or the TAC?

Idle Transmission Lines

- a) Describe whether and how SCE's transmission planning process identify and address risks from idle or de-energized assets?
- b) Describe SCE's current inventory and classification of idle transmission lines. How many miles of idle transmission does SCE currently operate or maintain, and what are the reasons for idle status (decommissioned, temporarily idled, pending removal, etc.)?
- c) How many miles of idle transmission lines are located within designated High Fire Risk Areas (HFRA)? How many are located outside of HFRA? For those lines in HFRA, does SCE have a plan to remove or decommission those idle lines?
- d) Are idle transmission removal or decommissioning projects included in SCE's TPR proposal? If not, when does SCE anticipate including such projects, and what criteria determine prioritization of idle line removal?
- e) For idle transmission lines that SCE grounds rather than removes, what engineering standard or procedure does SCE follow? Are these grounding practices consistent with industry standards for de-energized transmission? How frequently are grounded idle lines inspected and maintained?

PB-05 Substation Unplanned Capital Maintenance and PB-06 Substation Maintenance Program

Please provide an update on major projects in these programs, their current status, and any significant risks or challenges.

PB-25 Seismic Mitigation Program – Substations

Please provide an update on major projects in this program, their current status, and any significant risks or challenges.

PB-37 Transmission Tower Corrosion Program

Please provide an update on the overall program and major projects in this program, their current status, and any significant risks or challenges.

PB-44 Transmission Planned Maintenance - Pole Replacement and other Wood to Steel Pole Replacement Programs

Please provide an overview of and update on the Wood to Steel or Fiber Transmission pole upgrades underway under PB-44. Please also include information from other programs that involve pole replacements, including but not limited to PB-09 Transmission Deteriorated Pole

Program, PB-22.60 Control-Silver Peak 'A' High Fire Pole Replacement, and PB-22.61 Control-Silver Peak 'C' High Fire Pole Replacement.

SP-01 Calcite Substation

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-04 Alberhill Substation Loop In

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-10 Riverside Transmission Reliability Project

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-24 Cerritos Channel Tower Relocation

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-26 Control–Silver Peak TLRR Remediation

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-151 New Lugo 3AA 500/230 kV Bank

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-152 New Coolwater A 115/230 kV Bank

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-154 New Serrano 4AA 500/230 kV Bank and 230 kV GIS Rebuild (fka North of SONGS)

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-162 Brightline West High Speed Rail Project

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include an explanation of expected cost allocation for the project, including under what circumstances the \$5.421 million paid by the Customer as a “deposit subject to refund” will need to be repaid or refunded by SCE.

SP-168 Vista–Etiwanda 230 kV 1 Line Upgrade

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-169 San Bernardino–Etiwanda 230 kV 1 Line Upgrade

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.

SP-178 Colorado River-Red Bluff No.1 500kV Line Upgrade

Please provide an overview of the project, including any project drivers, timelines to completion, current status, project risks, budget, project dependencies, and changes to the project in the past 12 months. Please include in the discussion any notable risks or challenges to this program.