Proposed Topics from the CPUC and Stakeholders for PG&E TPR Process Stakeholder Meeting on July 30, 2026

1. **PG&E Project Planning Strategy / Risk Based Portfolio Planning Framework and Integrated Grid Planning**
   a) Please provide an overview of any updates/refinements to PG&E's RBPPF and IGP framework.
   b) Please explain new key inputs and considerations used to develop project rankings.
   c) Please explain whether the criteria PG&E uses to assign an RBPPF score have been modified in 2026.
   d) Please explain if there have been any shifts in project RBPPF rankings since November 2025.
   e) Under the RBPPF and IGP process, funds are allocated annually to projects. The May 2026 TPR includes numerous POs with "Current Projected or Actual In-Service Date" in 2027, 2028, 2029, and 2030, but no "Projected Capital Expenditures" are shown to complete the projects. Please explain when PG&E expects to allocate funding to these POs and discuss the expected impact on the PO's projected in-service date.
2. **Cost/Benefit Analyses (See Data Field 66)**
   a) Please discuss PG&E's progress in developing meaningful cost-benefit ratios (CBR) by March 2027.
   b) Please clarify how stakeholders should interpret CBR values reported in the May 2026 TPR PS, given the expectation of continued material change through Q1 2027.
   c) PG&E identified four workstreams supporting the CBR framework build-out: (i) Probability of Failure (PoF) assessment for relays and substation assets; (ii) substation contingency work; (iii) transmission and substation consequence modeling; and (iv) model build and CBR development. All four workstreams are targeted for completion in time to deliver "meaningful CBRs" in the May 2027 TPR PS. Please provide the target completion date for each of the four workstreams. Please identify any workstream dependencies and any workstreams currently at risk of not meeting the May 2027 target.
   d) Please provide an overview of the TPR Project CBR calculation framework and methodology workpaper, including the sequencing among (i) sharing of the white paper, (ii) the Minimum Viable Product (MVP) completion, (iii) the CBR stakeholder meeting, and (iv) the delivery of "meaningful CBRs" in the May 2027 TPR PS.
3. **AFUDC Policies and Practices**
   a) Please explain whether PG&E has placed any projects in "Deferred" or "SAP Status 21" status since December 2025. If not, please explain why not.
   b) For POs/Work Orders subject to PG&E's "automated pause" process, please explain the basis for continuing to accrue AFUDC during the period before the suspension is triggered.
   c) Please explain PG&E's policy basis for treating accounting adjustments as activity that resumes or resets the automatic AFUDC suspension trigger.

Please include the types of accounting adjustments that qualify for this treatment, how PG&E determines that such adjustments are associated with eligible construction activity, and the controls in place to prevent non-construction or administrative accounting entries from extending AFUDC accrual.

d) Please explain how accounting adjustments that resume AFUDC for a project constitute a resumption of construction activities, how they correspond to meaningful construction activity, or how they advance the asset to its intended use.
e) Please explain how PG&E defines a substantive resumption of construction activities and the types of activities it considers substantive.
f) Please explain how PG&E's policy of continuing AFUDC until the automatic pause is triggered after six consecutive months is consistent with Accounting Standards Codes 835-20-25-3 and 835-20-25-4. Please include how PG&E determines whether activities necessary to prepare the asset for its intended use are ongoing, temporarily interrupted, or intentionally deferred during the six-month period prior to AFUDC suspension.
g) PG&E indicated in response to Data Request TPR-Process_ED_017-Q004, subpart e, that "demobilization, remobilizations, and escalation costs are included in total project costs for reprioritized and delayed projects…" and that they are "necessary to safely and effectively pause and resume a project." Please explain in detail the decision leading to the need for demobilization and remobilization of the projects shown in the May 2026 TPR PS that began construction in 2020 or 2021 and were subsequently paused, including whether the decision to pause the construction stemmed from a management-initiated decision or a condition that was externally imposed.
h) Please explain PG&E's process for determining if a project that has been subject to the automated pause or "deferred" will proceed to completion or be cancelled.
i) T.0000590 – Hunters Point Substation is now delayed to 2039. Please explain what value the $35.3 million in capital expenditures to date will have to a project that is not planned to be in service for another 13 years.

4. CWIP Rate Base Incentive Projects

a) For each of the projects noted below, please provide a detailed update on each project's scope, cost, and timeline to completion. Please show all POs included in each T.Dot.
    i. Manning Project: Construction of the Manning 500/230 kV Substation (T.0009194);
    ii. Collinsville Project: Construction of the Collinsville 500/230 kV Substation (T.0009189);
    iii. Newark Project: Construction of the Newark-Northern Receiving Station High-Voltage Direct Current (HVDC) (T.0009168 or its successor); and,
    iv. Metcalf Project: Construction of the Metcalf-San Jose B HVDC (T.0009169)
b) Please describe any challenges encountered during the projects' development and explain PG&E's process to mitigate those challenges.

c) Please explain PG&E's process for determining for which projects PG&E will apply for Abandoned Plant and CWIP Incentive Ratemaking at FERC.

5. Newly-Added CWIP Incentive Projects

a) FERC's April 20, 2026 Order on PG&E's Declaratory Order in Docket No. EL26-42-000 granted CWIP incentive ratemaking for six projects and abandoned treatment those six and an additional four projects. Please identify each of those projects by Investment Code or T.Dot/Planning Order (as applicable) and provide an overview of the work to be performed under each project. Please include a discussion on anticipated challenges (e.g., permitting, environmental) during the development process.

b) Please provide a map or diagram that includes the major segments of these projects and identify the major segments for which PG&E is responsible and any elements where another party may be responsible. Please highlight how these projects tie to each other and illustrate dependencies to other major projects planned in the adjacent areas.

6. 2025-26 CAISO Transmission Plan Concurred for Large Load Interconnection

a) Please provide an overview/update on the status of each of these large load interconnection projects, including any project drivers, construction start dates, timelines to completion and anticipated in-service dates, project risks, and project dependencies. Please show all POs associated with these projects. Please also include the status of each large load interconnection, identifying any data center projects (Load inquiry, PES Report, Signed Interconnection Agreement, Construction). To the extent the large load interconnection project is captured in other areas of the agenda, there is no need to duplicate it here, but please include the information above in PG&E's presentation.

b) Please include in your overview PG&E's current expectation of each project's in-service date, given many of these projects show minimal to no projected capital expenditures in the 2027 to 2030 period.

c) Please include the POs associated with each T.Dot and provide capital expenditures by the respective PO. Where possible, please include any maps or diagrams showing major project segments.

7. Competitively-Bid Projects Interconnected by PG&E

a) Please provide an update of the work performed by PG&E to interconnect LS Power's Table Mountain, Round Mountain, and Fern Road projects (i.e., T.0006815 -- LSPower Round Mountain Area 500kV Dynami), including timeline for completion, interconnection challenges, and cost changes. Describe any "lessons learned" and explain how PG&E may capture these lessons in the future when interconnecting similar projects.

b) Please provide an update for the following two projects:
   i. Humboldt 500 kV Substation and 500 kV line to Collinsville
   ii. Humboldt to Fern Road 500 kV Line

8. Major Projects Update

a) Please provide an overview/update of each of the following major projects, including any project drivers, timelines to completion, current status, project

risks, and project dependencies. To the extent the Major Project is captured in other areas of the agenda, there is no need to duplicate them here. If a project is associated with a data center or load cluster study, please indicate.

b) Please include in your overview PG&E's current expectation of each project's in-service date, given many of these projects show minimal to no projected capital expenditures in the 2027 to 2030 period.

c) Please include the POs associated with each T.Dot and provide capital expenditures by the respective PO. Where possible, please include any maps or diagrams showing major project segments.

For projects marked with an '*", please include PG&E's timeline for securing necessary permits, including the agency from which the permit is needed and the type of permit.

i. T.0010623 – Salinas Area Reinf Chualar Sub
ii. T.0010465 – San Jose A – Substation Rebuild
iii. T.0000155 – Lockeford – Lodi Area 230 kV Development
iv. T.0010534 – North Dublin-Vineyard Recond Project
v. T.0000156 – Wheeler Ridge Junction Substation
vi. T.0000154 – Estrella 230 kV Transmission Substation
vii. T.0007072 – IGNACIO-MARE ISL 115KV (IGN SUB/HWY SUB)
viii. T.0004271 – Morgan Hill-Watsonville 115kV Area Reinforcement
ix. T.0011527 – Pittsburg-San Mateo Bay Towers FOND
x. T.0009719 – Ignacio Area Upgrade
xi. T.0000159 – Egbert 230kV Switching Station
xii. T.0010675 – French Camp Reinforcement
xiii. T.0011380 – SOUTH BAY REINFORCEMENT PROJECT*
xiv. T.0011287 – NORTH OAKLAND REINFORCEMENT PROJECT*
xv. T.0011294 – SOUTH OAKLAND REINFORCEMENT PROJECT*
xvi. T.0004271 – Morgan Hill-Watsonville 115kV Area Reinf
xvii. T.0010637 – Martin-Millbrae 60kV Area Reinforcement
xviii. T.0010881 – Tesla 230kV & 500kV Mitigation
xix. T.0001650 – Midway 230kV Bus Upgrade Section D

9. "High Impact" Transmission Projects from 2026 SB 1174 Transmission System Assessment

a) T.0007056 – Borden-Gregg 230kV Lines 1 & 2 Reconduct Project: Please provide updates on the projects under this T.Dot, including any land rights or land acquisition issues with the potential to cause delays.

b) T.0010881 – Tesla 230kV & 500kV Mitigation: PG&E's notes on this project indicate that there is a "Seismic impact to expansion area" and that PG&E is "evaluating options". Please explain this issue and any impacts it may have on the proposed ISD for these projects? Additionally, what is the current permitting status for these projects and are there any known delays?

c) T.0010880 – PITTSBURG 230KV BUS OVERSTRESS: Provide an update on the status of this project and explain the nature of project delays due to the stated "bundling dependencies".

d) Draft results from the 2026 SB1174 transmission system assessment indicate that a large number of MW of in-development energy and storge resources expected to interconnect in PG&E territory are at risk of delay behind transmission projects delayed due to “Project Design” and “Bundling Dependencies”. Please describe “Project Design” and “Bundling Dependencies” delays, the key parties with the ability to resolve these delays, and any concrete process improvements that PG&E is undertaking in 2026 to get ahead of these delays.

10. California High-Speed Rail Project Update (T.0000005 and T.0000006)

a) Please provide an update on any activities on this project, including any agreements with the California High-Speed Rail Board on the revised scope, engineering assessments, and schedule.

b) PG&E has included approximately $130 million in projected capital expenditures for these T.Dots in 2029 and 2030. Please describe the scope of work to be performed in this two-year period.

c) CPUC Resolution E-4886, Ordering Paragraph #6 indicates “*PG&E shall not recover costs for the Projects in Commission-established rates until the Commission has issued a final order regarding the cost allocation issues in response to the PG&E application ordered herein. Similarly, PG&E should not recover costs for the Projects in FERC-established rates until the Commission has issued a final order regarding the cost allocation issues from FERC.”* Please explain whether PG&E expects to secure such an order prior to incurring the $130 million in projected capital expenditures in 2029 and 2030.

11. Load Interconnection Processes & Load and EGI Forecast Placeholders

a) Please provide an update on PG&E’s “Rule 30” application to the CPUC.

b) Please provide a map showing the expected new load interconnection projects by ”Load Interconnection Facility Type.”

c) Please provide PG&E’s current process or methodology for determining electric transmission ratepayer cost responsibility and interconnection customer cost responsibility for large load interconnections and describe how this process may change under the Rule 30 Application.

d) Please describe the key elements of PG&E’s response to FERC’s Order to Show Cause in Docket EL26-71 on large load interconnection.

12. Delayed MPAC Projects and Relay Upgrades

a) T.0003456 – Tesla 230kV MPAC

   i. Please describe the “Project Design/Scope Change” issues leading to a delay in some elements of the project.

   ii. Please explain why PG&E needs to replace replays in Transformer Bay #4 and #6.

   iii. POs in this T.Dot are not fully funded to achieve in-service dates in 2027 to 2030. Please explain how PG&E anticipates achieving the indicated in-service dates.

b) T.0011178 – Monta Vista: Install 115kV MPAC

   i. Please explain the need to upgrade the relays for this MPAC and provide a description of how the relays are being upgraded.

c) PO 5814821 – Digital Sub Phase 2 French Camp and PO 5814822 – Digital Sub Phase 2 Jarvis

i. Please provide an overview of PG&E's Digital Substation Strategy, including key initiatives, protection and control schemes, and development of training infrastructure.

ii. Please explain how implementation of the Digital Substation Strategy will affect PG&E's current and future MPAC designs.

13. Circuit Breaker Replacement versus Uprating

a) For PO 5813650 – Los Banos 500 KV CB 842 Replacement and PO 5812665, please explain PG&E's criteria for determining the circuit breakers should be replaced versus uprated. Please include a discussion of the costs/benefits associated with each process and a description of how "uprating" is accomplished.

b) Please explain whether PG&E is planning to uprate circuit breakers at other locations. If it is, please identify the location and number of circuit breakers.

14. Wood-to-Steel Pole Replacement Program

a) Please provide a summary of the work completed to date, along with average cost per pole replacement and describe any issues encountered.

b) Please provide the workplan for 2026, 2027, and 2028.

c) Please share any "lessons learned" from implementing this program and how PG&E is applying these lessons as it continues to replace poles throughout its system.

15. Tower Coating

a) Please provide a summary of the work completed to date, along with average cost per tower and issues encountered.

b) Please provide the workplan for 2026, 2027, and 2028.

c) Please share any "lessons learned" from implementing this program and how PG&E is applying these lessons as it continues to coat towers throughout its system.

16. Cathodic Protection

a) Please provide a summary of the work completed to date, along with average cost per tower, estimated per tower filed inspection cost, and issues encountered.

b) Please provide the workplan for 2026, 2027, and 2028.

c) Please explain whether PG&E has a process to revisit whether additional cathodic protection initiatives are needed once the current program is completed.

17. Shunt Splice Replacement Program

a) Please provide a summary of the work completed to date, along with average cost per tower, estimated per tower filed inspection cost, and issues encountered.

b) Please provide the workplan for 2026, 2027, and 2028 and explain why PG&E reduced its shunt splice replacement work in 2025.

c) Please explain whether any of the shunt splice replacements recently added or that will be added in the next five years will be replaced as part of known planned reconductoring projects.

18. **Supply Chain Issues**
    a) Please provide an update on supply chain issues for transformers, circuit breakers, and other critical transmission-related infrastructure that PG&E is facing. If it is, please explain them and describe an initiatives PG&E is or plans to implement to address.
    b) Please provide an update on PG&E's advance procurement of transformers and circuit breakers, both for emergency inventory and known projects. Please include quantities ordered, estimated delivery timelines and the process for transferring any charges from the "other balance sheet" (OBS) to actual planning orders. Please identify any associated Planning Orders to which these costs are or will be recorded.
    c) Please describe how new or proposed tariffs are affecting the cost and availability of transformers, circuit breakers, and other critical transmission-related infrastructure.
    d) Please explain how "spare" equipment is treated from a ratemaking perspective. For example, if a spare transformer is ordered, is it added to inventory and reserved for future use or is it treated as a new capital addition, even though it has not been placed in service.
19. **Grid Enhancing Technologies**
    a) Please provide any updates on Grid Enhancing Technologies (GETs) PG&E is evaluating (e.g., Ambient Adjusted Ratings (AAR) and Dynamic Line Rating (DLR)) and if any new GETs projects have been developed in coordination with the CAISO.
    b) Outside of any CAISO joint development, please provide an overview of any new pilot programs that have deployed GETs and provide any next steps in their evaluation.
20. **Generator Interconnection Network Upgrades and CAISO TPP Reliability and Policy-Driven Projects Through CAISO 2025-2026 TPP**
    a) Please provide an update on projects at or greater than 1MW that are interconnecting to PG&E's electric transmission system. Please identify the updates to those included in the January 2026 CAISO Transmission Development Forum (TDF).
    b) Please identify the type and amounts (MW and MWh) of generation that will interconnect to the electric grid.
    c) Please provide a timeline for the projects approved in the CAISO 2025-2026 Transmission Plan to be included in the PS.
21. **Betterment**
    a) Please explain how PG&E considers betterment when scoping projects.
    b) 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?
    c) Does PG&E conduct analysis for how quicky betterments are utilized after construction? If so, please provide this analysis.