

## Submit comment on Transmission Development Forum

**Qcells** comments on the Q4 2023 Transmission Development Forum.

Please see the below questions/comments Qcells has for PG&E regarding updates provided in the Transmission Development Forum on October 25, 2023.

- **a.** ID# C11P2-ND01 (Re-conductor Fulton-Hopland 60 kV Line (Fitch Mountain Tap-Geysers Jct)):
  - i.How many structures are planned to be replaced?
    - What approximate percentage of structures require placement?
  - ii.What is the existing conductor and rating? iii.What is the proposed conductor and rating to be achieved?
- **b.** ID# C12P1-NPT04 (Vaca Dixon Substation 230 kV circuit breakers
- 442, 452 and 462 overstress): For circuit breakers at Vaca-Dixon:
  - iv.What lines do circuit breakers 442, 452, and 462 have direct/adjacent bus connections?
  - v.What is the current rating/breaker size and technology type?
  - vi.What is the planned replacement rating/breaker size?

**c.** ID# C12P1-NPT04: What are the fault current contributions for projects assigned to this RNU?

- **d.** ID# C12P1-NPT04:
  - vii.We encourage continued exploration of an earlier completion date by utilizing breakers from another project if the opportunity presents itself.
  - viii.Would any temporary configuration, such as the utilization of series reactors to limit fault duty, be possible to mitigate overstressed breaker concerns sooner until a CB upgrade can occur?

**e.** ID# C12P1-NPT04: We would like to have our Project analyzed at 81 MW instead of 150 MW to determine our short circuit contribution to these overstressed breakers.

ix.We understand that we currently contribute 192 Amps to the CBs and need to be under 98 Amps for the RNU to drop off.

- x.Does 81 MW place a contribution under 98 Amps?
  - If so, what is the new Amp contribution? If not, what Project size would contribute under 98 amps?