

## Submit comment on Transmission Development Forum

During the July 2025 Transmission Development Forum, members of **Flynn Resource Consultants Inc.** submitted several questions to PG&E via the chat. At the time, PG&E indicated they would follow up once answers were available.

PG&E has now provided responses to those questions, which are shared below.

### Moss Landing-Las Aguilas

- PG&E who evaluated SmartValve vs. conventional air core series reactors, and then selected conventional air core series reactors ultimately. It would be good to know why/how that decision was made.
  - The project was proposed by CAISO and a fixed series reactor was specified. We do not need the capacitive, or continuously adjustable function of a smart valve. Our PM did a cost comparison, and the cost of a fixed reactor is about one tenth of the cost of same sized smart wire device. Given the above facts, the team chose to continue with the original proposal of a fixed reactor.

### South of San Mateo

- Provide capacity of Advanced Conductor
  - Conductor study is currently ongoing, and we have not finalized the conductor size and Ampacity.
- Provide reason why PG&E underwent an Advanced Conductor study for this project
  - Advance conductors provide higher Ampacity with lower sag and lighter weight comparing to traditional conductors with similar size, possibly reducing the number of structure replacement which results into lower overall reconductoring cost of the line. Conductor selection is determined through individual project assessments and advance conductors are a part of this evaluation. This conductor qualifies for Advanced Conductor.

### Garberville Area Reinforcement

- Was advanced conductor part of the original scope?
  - No, we don't specify the kind of (Conventional or Advance) conductor in the AA
- Provide reason why PG&E underwent an Advanced Conductor study for this project
  - Advance conductors provide higher Ampacity with lower sag and lighter weight comparing to traditional conductors with similar size, possibly reducing the number of structure replacement which results into lower overall reconductoring cost of the line. Conductor selection is determined through individual project assessments and advance conductors are a part of this evaluation
  - This line was not qualified for Advanced Conductor. We are using 795 ACSR (conventional) conductor for reconductoring this line.