Tracy Circuit Breaker Upgrades

Stakeholder Call
March 29, 2021
Tracy General Introduction

- 24 63kA 230kV breakers
  - No room for workaround mitigations
- Safety threshold and present usage
- WAPA-wide and SN-specific criteria
Tracy Mitigation Requirements

• 230kV Breaker Replacements – 80 kA

• Current Estimated Schedule
  • 3/9/2021 - Phase 1 Funding
  • No Later Than 5/28/2021 - Phase 2 Funding
  • 3/19/2024 - Energization (Bus 2 of 2)

• Alternatives and Acceleration
  • Phase 2 Funding
  • Project is already fast tracked.

• Funding Responsibility
Following Full Funding

- Evaluate which projects can come online before Tracy Breakers are replaced
- Review in order of CAISO Interconnection Queue
- Coordinate with CAISO within queues
Tracy Short Circuit Study Assumptions

• Baseline Assumptions for Approval Methodology
  • All studies are based on their own current assumptions
  • Utilize full capacity without calculated safety margin
  • Exclude projects with in-service date after Tracy Breakers Replacement Energization
• C9, C10, C11 likely to receive approval based on preliminary analysis
Study Data

• NDA – Requirements and Process
• What Data is Available
  • PSLF change files with WAPA projects only
  • ASPEN One-Line CAISO cases with WAPA projects
• Data Updates or Changes
Questions