

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