

Rearrange TL23013 and TL6959

Driving Factors:

- During heavy north bound flow at SO, P7 N-2 Contingency will cause overload on TL13810A (Friars – Doublet Tap) by 52% in 2022 and TL13827 (Mission-Friars) by 28%.

Scope:

- To eliminate the credible N-2 contingency, this project proposes to swap TL23013 with TL6959 so that TL23013 & TL23071 will not share the same Structures (TL23071 sharing structures with TL6959 and TL23013 sharing structures with TL13810). This proposal will require to upgrade 2 miles of 138kV structures for 230kV operation

Cost:

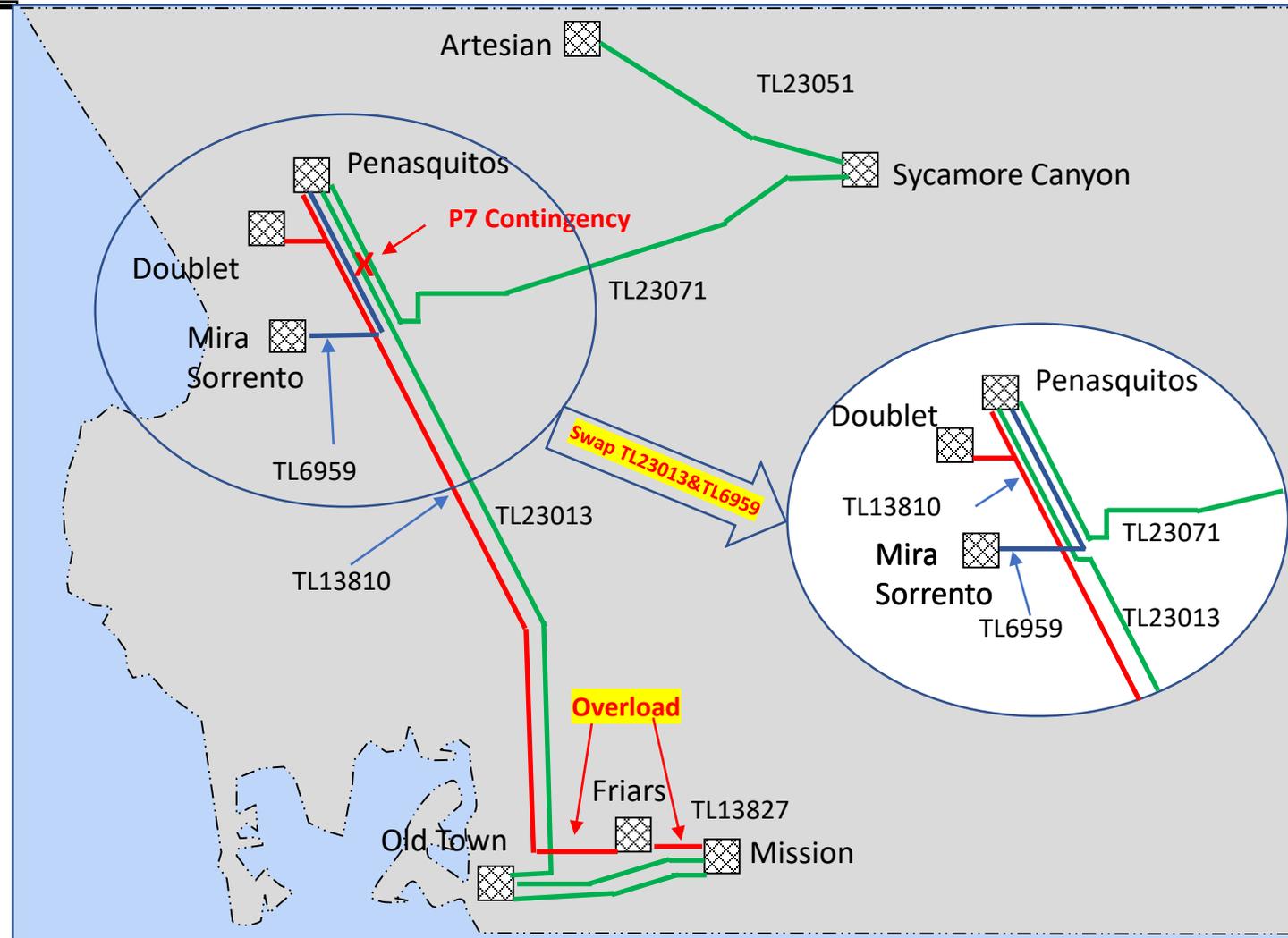
- \$19 Million (ISD 2026)

Benefits:

Improves reliability and provide cost savings – reliability and economic-driven project

Alternatives:

- Reconductor TL 13810 (\$ 64M)
- Convert a portion of overhead line of TL23071 to UG (\$ 100M)



Project Title

District

Proposed ISD

Project

Metro Region Reliability and Economic Project

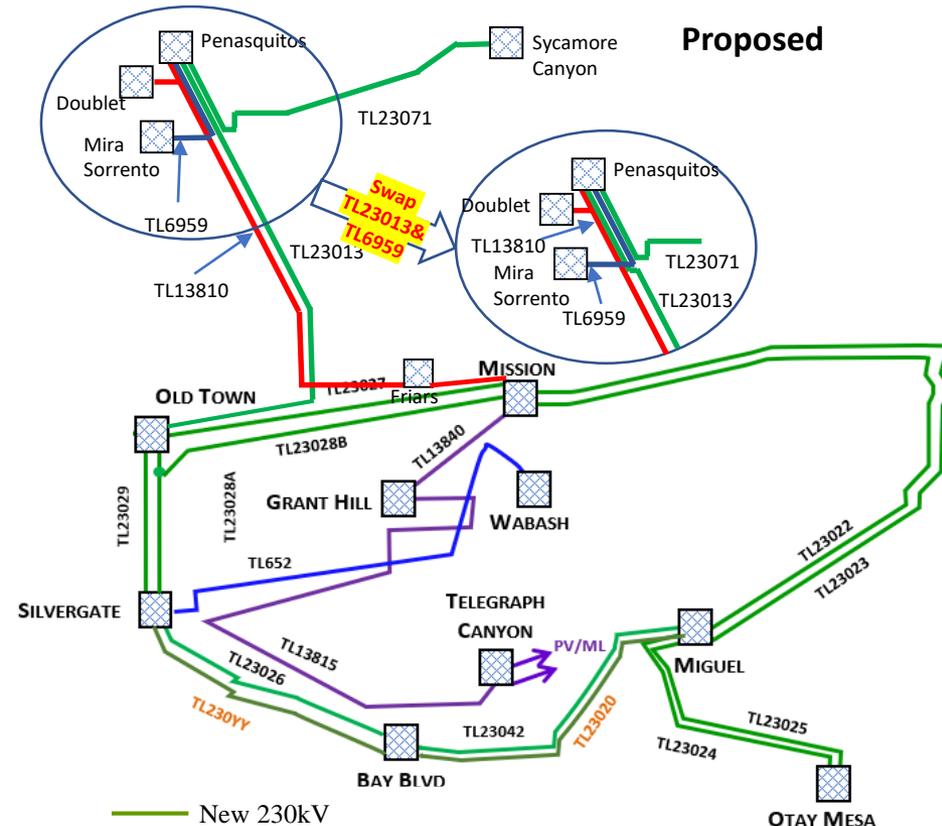
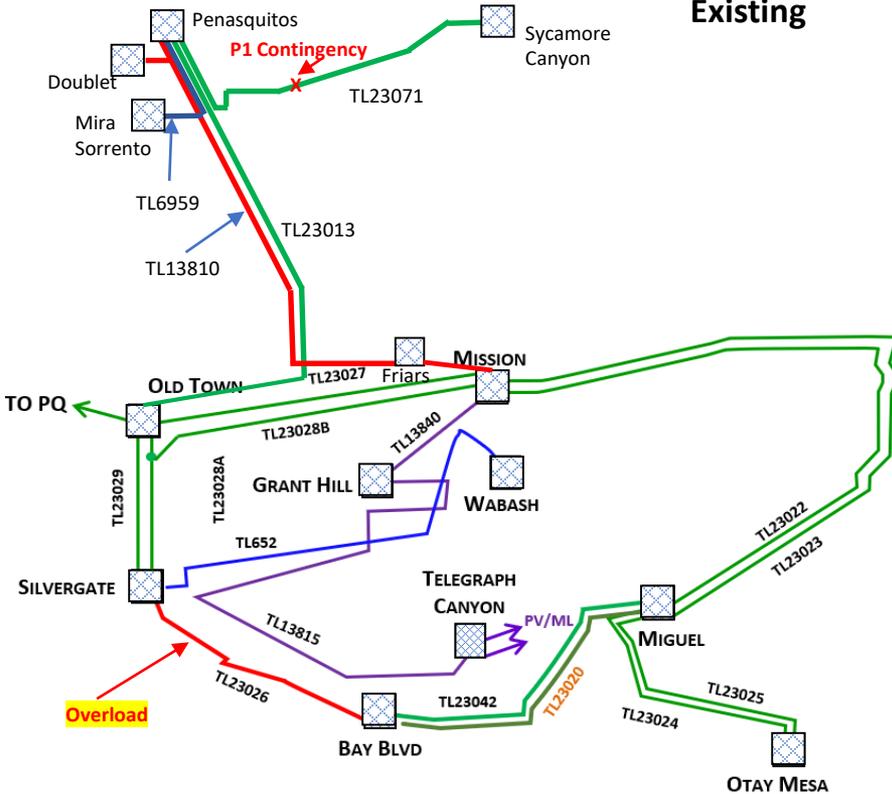
N/A

June 2026

XXXX-XX

Existing

Proposed



Drivers:

- Category NERC P1 Violation, Loss of TL23071 (SX-PQ) overloads TL23026 (SG-BB), 103%
- Economic and policy-driven project

Scope:

- Add a second 230 kV line from Bay Blvd to Silvergate to eliminate P1 overload
- Swap TL23013 & TL6959 to eliminate a credible N-2 contingency and enhance economic benefit from new Bay Blvd-Silvergate 230kV line.

Benefits:

- Reinforce Southern 230kV loop
- Improve system reliability
- Increase operational flexibility
- Provide economic benefit
- Increase deliverability of renewable resources

Cost:

- \$170M