Project Title:

District:North Coast

Original ISD:

2020 ISD: XXXX

<u>2020 P7 ISD:</u> 6-1-2026 *Project:* 2020-0294

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 withTL6959 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)

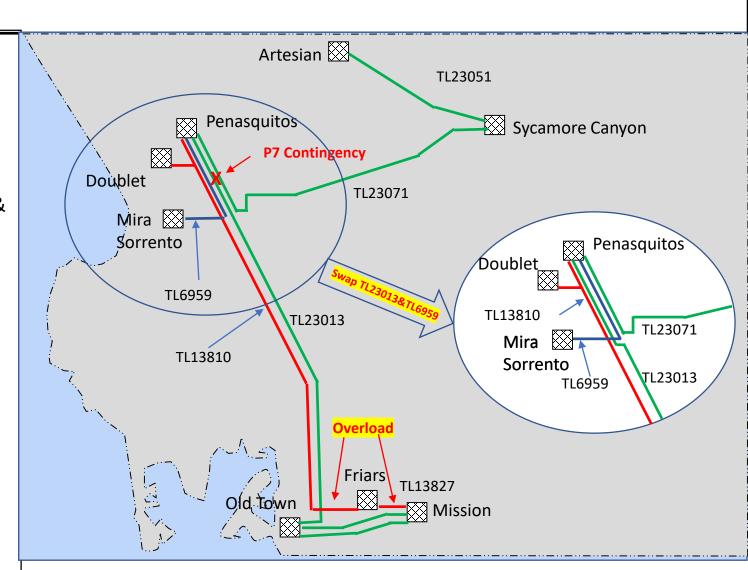
Benefits:

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)



TL23071 Mira Sorrento TL6959 TL23013 TL13810 Mission

District

N/A

MIGUEL

TL23024

TL23025

OTAY MESA

Svcamore

Canyon

Existing

SILVERGATE

Doublet

Mira

Sorrento

TL6959

TL13810

OLD TOWN

- **Benefits:** Reinforce Southern 230kV loop
- Improve system reliability
- Increase operational flexibility

Proposed ISD

June 2026

Penasquitos

TL23071

TL23013

TL23028B

GRANT HILL

TL652

71.23026

New 230kV

- Provide economic benefit
- Increase deliverability of renewable resources

Cost:

\$170M

Drivers:

• Category NERC P1 Violation, Loss of TL23071 (SX-PQ) overloads TL23026 (SG-BB), 103%

WABASH

TELEGRAPH

TL23042

BAY BLVD

• Economic and policy-driven project

Project Title

Metro Region Reliability and

Economic Project

OLD TOWN

Double

TO PQ <

SILVERGATE

Overload

Penasquitos

P1 Contingency

TL23028B

GRANT HILL

TL13815

TL652

71.23026

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.

Project

XXXX-XX

Penasquitos

TL23071

TL23013

MIGUEL

TL23024

TL23025

OTAY MESA

Svcamore

Canyon

Doublet

TL13810

Mira

MISSION

WABASH

TELEGRAPH

CANYON

TL23042

BAY BLVD

Sorrento

TL6959

Proposed