

# Overview of Paris Switch – Monticello Switch 345 kV Line Rebuild

ERCOT RPG Meeting

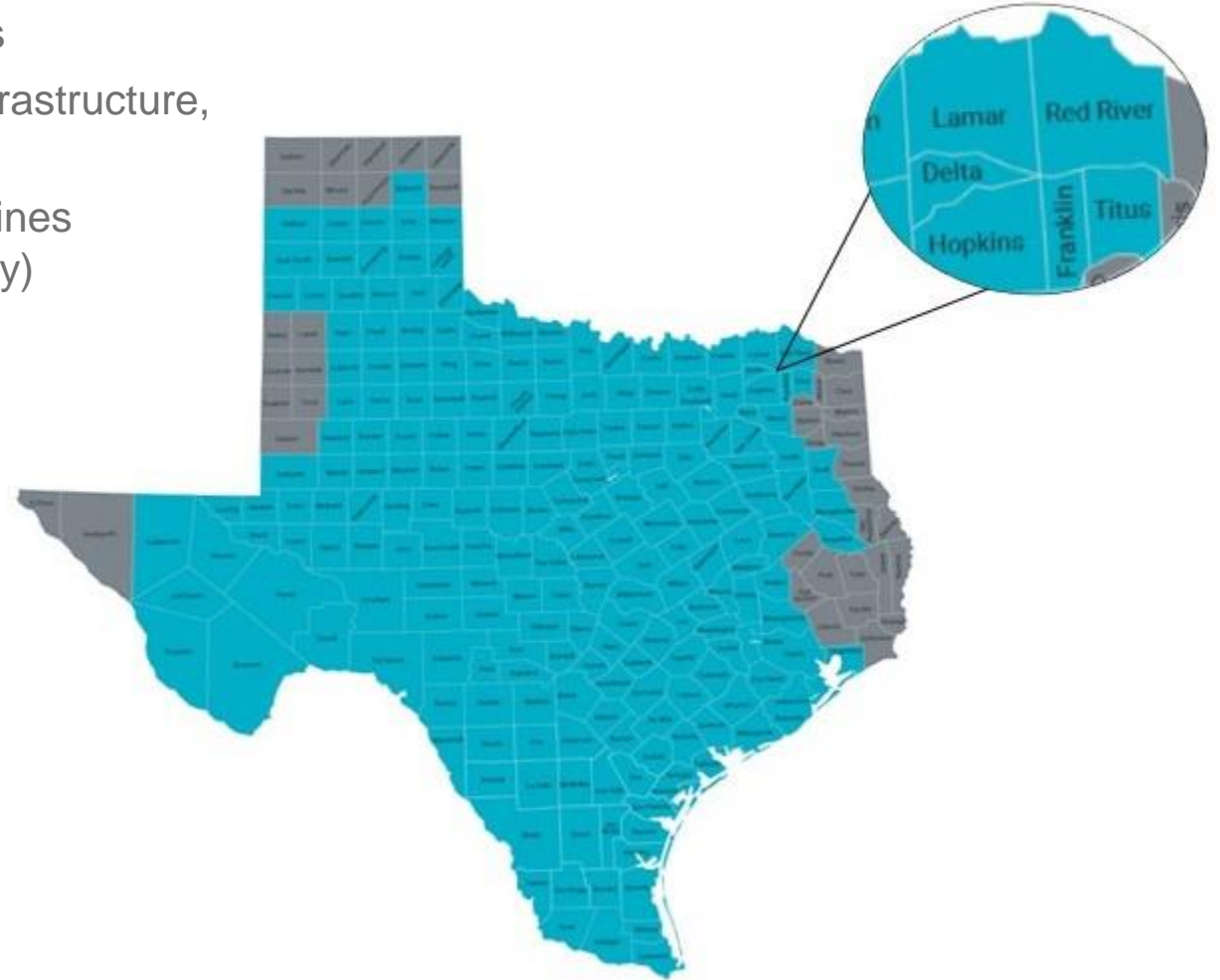
09/25/2025

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# Project Overview



- Tier-1 Project in the Lamar, Franklin, and Titus Counties
- Resolves identified thermal violations, upgrade aged infrastructure, and enhance system reliability
- Rebuild the existing 49.8 miles of 345 kV transmission lines (double-circuit structures with one circuit installed initially)
- Cost Estimate \$231.75M

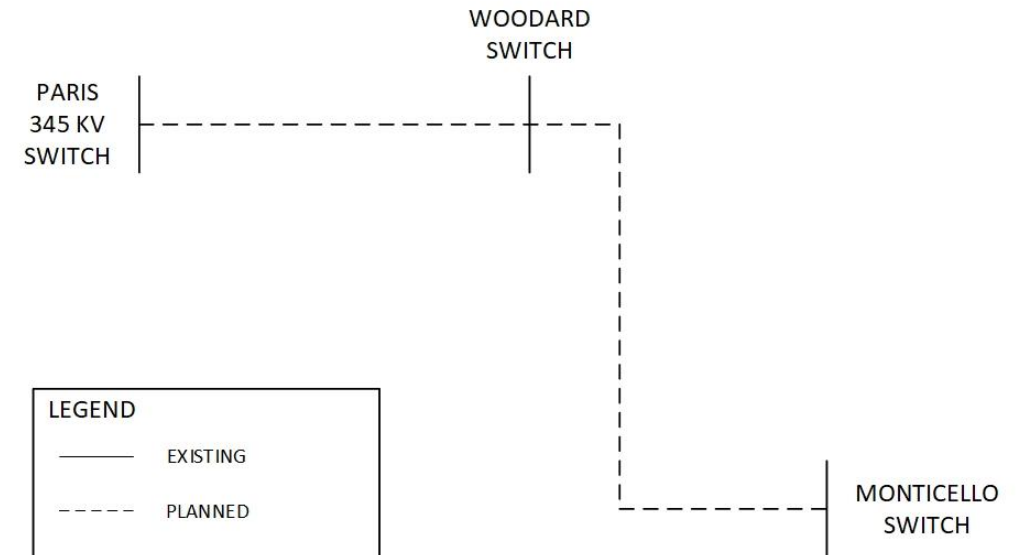


# Post-Contingency Thermal Violations

## Multiple contingencies of concern

- ERCOT EP6
  - Paris 345/138 kV Autotransformer & Valley Switch – Pacific Switch/Valley South Switch – Paris Switch 345 kV Double-Circuit Line

Worst loading (%) : 115



# Oncor Recommendation



- Rebuild the existing 49.8-mile Paris Switch – Monticello Switch 345 kV Line using double-circuit capable structures with one circuit in place and a conductor rated 5000 A (2987 MVA) or greater (normal rating and emergency rating 1792 MVA); and,
- Ensure all terminal and associated equipment meets or exceeds 3000 A.

# Questions?

