



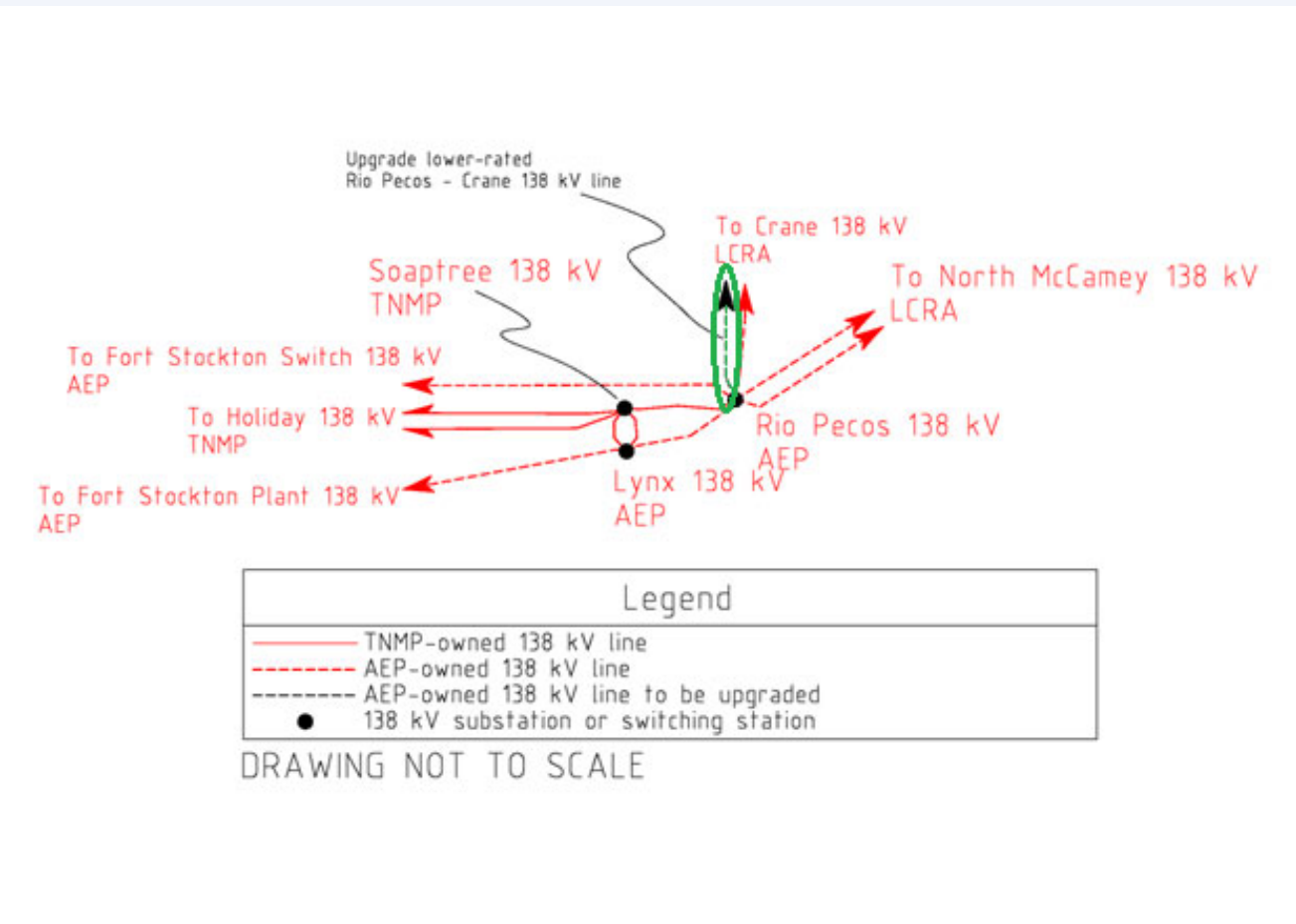
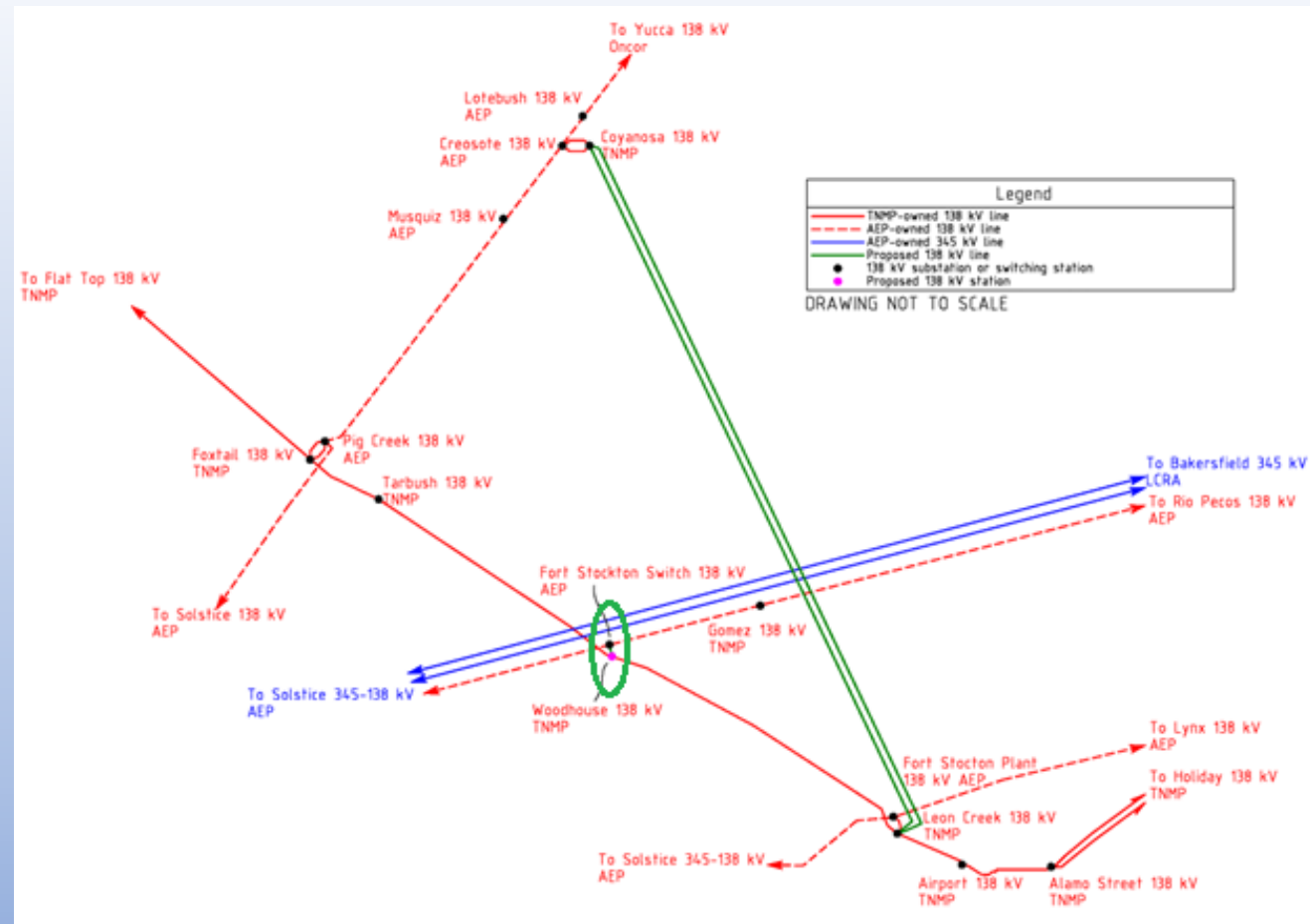
Overview of TNMP Pecos County Transmission Improvement Project

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ERCOT RPG Meeting
October 18, 2023



Project Summary

- New Coyanosa – Leon Creek 138 kV double-circuit line (~28.5 mi, 717 MVA).
- New 138kV TNMP Woodhouse station cut into TNMP 138 kV Tarbush – Leon Creek line and inter-tied with AEP at its 138 kV Fort Stockton Switch.
- Upgrade AEP Rio Pecos – Crane 138 kV line from 165 MVA to 717 MVA.





Project Overview

- Reliability driven Tier-1 Project
- Critical Status Designation requested
- \$108 million and CCN (Certificate of Convenience and Necessity) required
- Estimated in-service: May 2026
- Both thermal overloads and voltage violations in the Pecos and Reeves counties in the Far West weather zone addressed



Solution Performance

New Load Locations and Integration Outlook

Point of Delivery (Station Name)	PSSE Bus #	Total Load Requested (MW)	Amount of Load Which can be Accommodated Either Immediately or Upon Completion of Committed System Improvement Projects ^a (MW)	Remaining Amount of Load Requiring Completion of RPG Projects as Set Forth in Section 4 (MW)
Tarbush	38295	300	40	260
Coyanosa	38380	300	36	264
Airport	38341	300	0	300
Leon Creek	38356	200	0	200
Keo	131452	130	130	0
Total		1230	206	1024

a. The meaning of committed system improvement projects is (a) Tier 4 projects and (b) RPG projects that recently have been endorsed or are currently under review.



Questions ?