



Southwest Power Pool Notification to Construct with Conditions 220882

Elm Creek – Tobias 345 kV New Line with Terminal Upgrades

THE POWER OF PEOPLE

NPPD Board of Directors Meeting &
Operations Committee
April 2025



Scott Walz
Vice President Energy Delivery

Background

SPP and NPPD Transmission Planning concluded that network upgrades are required on the NPPD system to fulfill Approved Reliability Network Upgrades (Winter Weather Resiliency) as detailed in SPP 2024 ITP.

These network upgrades are considered as SPP Base Plan under the SPP tariff:

- Project costs are recovered through transmission rates.
 - 100% of these costs recovered regionally (all SPP transmission customers).
 - NPPD customers are responsible for app. 5% of the regional cost.

NPPD will continue to own all the transmission facilities associated with these upgrades.

Scope

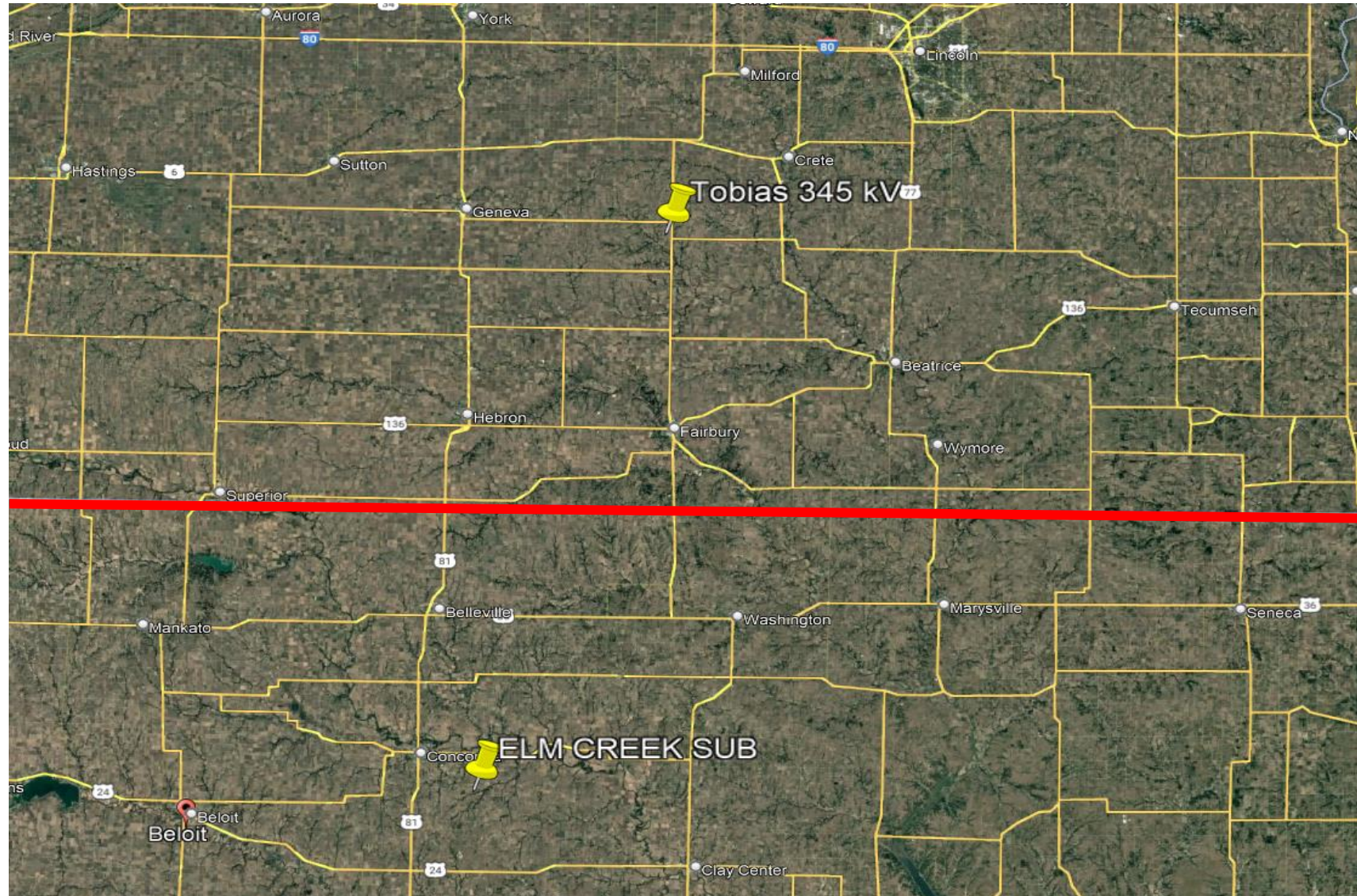
Notification to Construct with Conditions (SPP-NTC-220882)
Reliability Network Upgrade:

Elm Creek-Tobias 345 kV New Line with Terminal Upgrades

- Construct approximately 46 miles of the new 84-mile 345 kV line from Tobias to the Kansas/Nebraska state line. New line with minimum summer emergency rating of 1792 MVA.
 - Line terminal equipment at the Tobias
 - Estimated cost is \$135,057,404
 - Funding from the 2027 budget, with an in-service of Dec. 1, 2030

MVA = Mega Volt Amp

Map (Tobias to Elm Creek)



Recommendation

- Accept the Notification to Construct and authorize management to proceed with the commitment to implement the network upgrades outlined in SPP-NTC-220882, Elm Creek to Tobias, for the following cost estimates:
 - Construct new 345 kV line from Elm Creek (KS) to Tobias (NE) (Nebraska portion) and terminal upgrades at Tobias for an estimated \$135,057,404.



THE POWER OF PEOPLE



Questions

Stay connected with us.



Nebraska Public Power District

Always there when you need us