

National Transmission Planning Study

Technical Review Committee Plenary Meeting Summary

October 14, 2022

The Technical Review Committee (TRC) for the National Transmission Planning Study met on Friday, October 14th, to receive updates from the project's modeling teams at Pacific Northwest National Laboratory (PNNL) and the National Renewable Energy Laboratory (NREL). The project's modeling teams at PNNL and NREL presented on the following topics:

- Modeling framework overview and upcoming modeling plans
 - This included updates based on federal and state policies
- Key findings and supporting evidence of initial candidate scenarios
- Downscaling for climate change
 - This included an overview of the wind, solar and load data sets
- Western Interconnect baseline results and power flow analysis introduction
- Lightning sessions on the following topics:
 - Zonal to nodal updates
 - Interregional Renewable Energy Zones (IREZ)
 - Economic analysis

The purpose of this meeting was to provide overarching project updates, answer clarifying questions and to lay a foundation for upcoming subcommittee meetings. For reference, the full TRC includes the Modeling, Government, and Land Use subcommittees. Additional information on the NTPS as well as registration information to attend the upcoming plenary TRC meeting can be found on the NTPS webpage, which can be found here:

<https://www.energy.gov/oe/national-transmission-planning-study>. For any questions, please contact NTPStudy@hq.doe.gov. To comment on the NTPS, please complete the following Microsoft Form: https://forms.office.com/Pages/ResponsePage.aspx?id=fp3yoM0oVE-EQniFrufAgHT1utCJVPIJAHXdos_4UBUMTM4QzFJSIJFM1ZISzhCQzhJUVdHUK1NQiQIQCN0PWcu