

To: Planning Advisory Committee (PAC)

From: ISO Transmission Planning

Date: December 5, 2024

Subject: Posting of the Final 2024 Transmission Planning Base Case Library

This memo serves as notice of the posting of the final 2024 Transmission Planning Base Case Library. The Transmission Planning Base Case Library consists of a generic set of base cases and associated ancillary study files for use in transmission planning studies.

The draft 2024 Transmission Planning Base Case Library was posted for PAC review on October 22, 2024. No comments were received during the stakeholder review period. Significant edits made to the final 2024 Transmission Planning Base Case Library can be found in the “response_to_stakeholder_comments_on_2024_TP_Base_Case_Library” document.

The Base Case Library base cases reflect the latest load, energy efficiency, photovoltaic, and resource data based on the 2024 CELT report. The details of each case are included in the “final_summary_document_for_2043_tp_base_case_library” document. Accompanying the summary document is a zip file titled “ceii_final_2024_tp_base_case_library_summary_document_appendices.zip,” which contains appendices that are not embedded within the summary document.

All documents and zip files related to the final 2024 Transmission Planning Base Case Library are posted on the ISO’s website under Transmission Planning Models at the link below:

<https://www.iso-ne.com/system-planning/planning-models-and-data/transmission-planning-models/>

The documents are of the document type “Transmission Base Case Final” and can be filtered as such.

Included in these posted materials are the following zip files:

1. ceii_final_ss_2024_tp_base_case_library.zip (contains CEII)
2. ceii_final_2029_stability_tp_2024_base_case_library.zip (contains CEII) – 2029 study year cases
3. ceii_final_2034_stability_tp_2024_base_case_library.zip (contains CEII) – 2034 study year cases
4. ceii_final_2027_stability_tp_2024_base_case_library.zip (contains CEII) – 2027 time-sensitive year stability cases

The zip files listed above include the base cases and associated ancillary study files for use in steady-state and stability simulations, respectively.