

To: Planning Advisory Committee (PAC)

From: ISO-NE Transmission Planning

Date: October 22, 2024

Subject: Posting of Draft 2024 Transmission Planning Base Case Library

This memo serves as a notice of the posting of the draft 2024 Transmission Planning Base Case Library for review by the Planning Advisory Committee (PAC). The Transmission Planning Base Case Library consists of a generic set of base cases and associated ancillary study files for use in transmission planning Needs Assessments and NERC/NPCC Compliance Assessments. The purpose of this review is to ensure the information contained in the base cases (including system topology and modeling data) and associated ancillary study files is accurate. The 2024 Transmission Planning Base Case Library consists of a set of 20 steady-state base cases and a set of 19 stability base cases that will be used for studies initiated in the remainder of 2024 and through most of 2025.

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 “draft_summary_document_for_2024_tp_base_case_library” document. Accompanying the draft summary document is a zip file titled “ceii_draft_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 draft 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 Review” and can be filtered as such.

Included in these posted materials are the following zip files:

1. ceii_draft_ss_2024_tp_base_case_library.zip (contains CEII)
2. ceii_draft_2029_stability_tp_2024_base_case_library.zip (contains CEII) – 2029 study year cases
3. ceii_draft_2034_stability_tp_2024_base_case_library.zip (contains CEII) – 2034 study year cases
4. ceii_draft_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.

The ISO requests that PAC members complete their review of the draft 2024 Transmission Planning Base Case Library and send their comments to pacmatters@iso-ne.com by Thursday, November 21, 2024.