



memo

To: Planning Advisory Committee
From: ISO Transmission Planning
Date: May 3, 2019
Subject: Notice of Initiation of 2029 New Hampshire (NH) Needs

This memo serves as the notice of initiation for the 2029 New Hampshire (NH) Needs Assessment. This Needs Assessment will be performed in accordance with the reliability planning process as established in Attachment K of the Open Access Transmission Tariff¹. The study area will include the entire state of New Hampshire.

The triggers for this Needs Assessment are:

From Section 4.1(a) of Attachment K of the Open Access Transmission Tariff (OATT), the ISO shall perform a Needs Assessment if:

- (i): *“a need for additional transfer capability is identified by the ISO in its ongoing evaluation of the PTF’s adequacy and performance.”*
- (iii): *“constraints or available transfer capability limitations that are identified possibly as a result of generation retirements...in the New England Control Area.”*
- (v): *“as otherwise deemed appropriate by the ISO as warranting such an assessment.”*

A NH 2027 Needs Assessment report was finalized in November 2018², and a 2027 NH Solutions Study³ commenced shortly thereafter. Newly published load forecasts and Forward Capacity Auction results have resulted in significant changes to the study assumptions used for the NH 2027 Needs Assessment and Solutions Study, as discussed at the March 2019 PAC meeting⁴. The 2029 Needs Assessment will incorporate these latest changes in assumptions, will examine if needs still exist for the study area, and will identify the time-sensitivity of any identified needs.

The 2029 NH Needs Assessment will include steady-state and short circuit analysis. The objective of this study is to assess the adequacy of Pool Transmission Facilities (PTF) within the study area. This is accomplished by ensuring that the portions of the PTF within the study area meet the applicable NERC, NPCC and ISO-NE planning criteria.

¹ https://www.iso-ne.com/static-assets/documents/regulatory/tariff/sect_2/oatt/sect_ii.pdf

² https://smd.iso-ne.com/operations-services/ceii/pac/2018/11/final_ceii_new_hampshire_2027_needs_assessment.pdf

³ https://www.iso-ne.com/static-assets/documents/2018/11/pac_notice_nh_2027_ss.pdf

⁴ https://www.iso-ne.com/static-assets/documents/2019/03/a6 Updating_needs_assessment_to_reflect_latest_assumptions.pdf

All study files, notices and other material related to the 2029 NH Needs Assessment provided in the future will be posted under the Planning Advisory Committee materials on the ISO-NE external website and be posted under the New Hampshire and Vermont Key Study Area on the ISO-NE external website. See link to the key study area on the ISO external website below:

<https://www.iso-ne.com/system-planning/key-study-areas/vt-nh>

Separate announcements will be made when these additional items are posted.