



# Attachment K Revisions: Extended-Term Planning

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## *Introduction*

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# Project Title: Attachment K Extended-Term Planning\*

Proposed Effective Date: February 2022

- In the [New England States' Vision for a Clean, Affordable, and Reliable 21st Century Regional Electric Grid](#) (Vision Statement), the New England states identified a need for changes in transmission system planning to advance the vision of a clean, affordable and reliable regional electric grid
  - “As a region, we cannot effectively plan for integrating clean energy resources and decarbonization of the electricity system required by certain states’ laws without having a clear understanding of the investments needed in regional transmission infrastructure.”
- The Vision Statement, thus, recommended that ISO identify process changes to allow for a routine transmission planning process to help “inform all stakeholders of the amount and type of transmission infrastructure needed to cost-effectively integrate clean energy resources” and enumerated certain criteria for that framework

\*The name of this effort is under review and subject to change.

# Background and Purpose

- NESCOE's June 21 Governor's Report recommended the revisions to the ISO Tariff to "implement a state-led, proactive scenario-based planning process for longer-term analysis of state mandates and policies as a routine planning practice"
- The ISO is proposing to revise Attachment K of the ISO New England Open Access Transmission Tariff (OATT) to incorporate a new transmission planning process primarily focused beyond the current ten-year planning horizon
  - Multi-phased effort, with the first phase establishing the rules to enable the New England states to request that the ISO perform scenario-based transmission planning studies, on a routine basis
- This is the first meeting at the Transmission Committee to discuss these changes, which are anticipated to be filed with FERC by the end of this year
  - Today's discussion is limited to high-level concepts for the first phase
  - Additional detail, including proposed Tariff changes, are anticipated for the October TC meeting

# Problem Statement

- [Attachment K](#) of the OATT describes the process, and corresponding assumptions, for the performance of needs assessments and solution development for reliability, market efficiency and public policy based needs within the ten-year planning horizon
- The current processes do not support the performance of state-requested transmission analysis based on state-developed scenarios, inputs and assumptions, nor do they support transmission analysis beyond the ten-year horizon
- Creation of a new process in Attachment K would support the ISO's performance of state-requested transmission analysis, including development of high-level transmission concepts, along with cost estimates if requested, to meet the state-identified requirements

# Conceptual Process

- The proposed changes to Attachment K are the first phase of this effort
  - The first phase is limited to the ISO's performance of state-requested transmission analysis to meet the state-identified requirements
  - The second phase of the effort will address the rules to enable a state or states to consider potential options for addressing the identified issues and cost allocation for associated transmission improvements
    - The second phase will begin in early 2022, with an expected mid-year filing
  - The new process is planned to be a new section (Section 16) in Attachment K
  - The 2050 Transmission Study will be considered the first iteration of this process



# Conceptual Process, continued

- On a periodic basis, one or more states would be able to request, through NESCOE, the ISO to perform transmission scenario analysis. The general process would be as follows:
  - NESCOE would collect state requests for transmission scenario analysis to meet state objectives/requirements
  - NESCOE provides the ISO with a single study request that NESCOE will discuss with the PAC
  - NESCOE will provide the ISO with specific assumptions related to the study
  - Based on this information, the ISO will develop a scope of work to be discussed with PAC
    - The scope will consider transmission system analysis such as steady-state thermal and voltage, stability, and short circuit
  - The ISO performs the analysis, supplemented by consultants as necessary
    - The ISO may ask PTOs or Planning Advisory Committee members with special expertise to provide technical support or assist in the performance of the study
  - Study results will be discussed with the PAC and posted on the ISO's website

# Stakeholder Schedule

*Proposed Effective Date – February 2022*

Stakeholder Committee and Date	Scheduled Project Milestone
September 28, 2021	Discussion of concepts to be included in upcoming Attachment K revisions
October 26, 2021	Respond to stakeholder questions from previous meeting and initial review of proposed redlines
November 19, 2021	Respond to stakeholder questions from previous meeting, review of proposed redlines, and vote on the proposed Attachment K revisions
Participants Committee December 2, 2021	Vote

# Questions

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