

## Annual Reliability Seminar – 5<sup>th</sup> Edition held December 9, 2025

Questions have been modified for clarity purposes. The opinions expressed are those of the presenter and do not constitute the ones of NPCC within the framework of a compliance or enforcement engagement.

### New Self-Report Form with Emphasis on Extent of Condition (EOC)

#### Question:

Do we have to provide evidence in the extent of condition section of each self-reported NC and cover each similar asset listed in the self-report?

#### Answer:

A Registered Entity may upload evidence for any aspect of the self-report at its discretion. However, it is not necessary to do so for the extent of condition (EOC), though a narrative describing the EOC investigation is required, consistent with the self-report form. NPCC Enforcement staff may still request such evidence during the review process, so it is important to retain such evidence, but it does not need to be included with the initial self-report submission. For enforcement purposes, NPCC does require mitigation measures' evidence after completion of the mitigation steps. Remediating evidence demonstrates that the Registered Entity is back in compliance (which can also serve as evidence of the end date/duration of non-compliance), as well as the steps the Registered Entity is taking to prevent recurrence or any other detective controls or corrective actions implemented to improve its compliance posture.

### MOD-032 – Overview of the standard and importance of compliance

#### Question 1:

*Is the transition to PSS<sup>®</sup>E 36 solely due to the supplier Siemens PTI? How does Hydro-Québec (HQ) manage or anticipate these migrations, which are sometimes major in terms of the effort required?*

#### Answer 1:

The reasons justifying HQ's need to begin a transition to PSS<sup>®</sup>E 36 are detailed in the transition notice available on the following website:

[https://www.hydroquebec.com/data/coordonnateur-fiabilite/pdf/PSSE36\\_TransitionNotice\\_ENG.pdf?v=20250808](https://www.hydroquebec.com/data/coordonnateur-fiabilite/pdf/PSSE36_TransitionNotice_ENG.pdf?v=20250808).

In general, the decision to proceed with a version migration of the PSS<sup>®</sup>E software follows a consultation between HQ and its partners within Northeast Power Coordinating Council (NPCC), to facilitate the compatibility of information exchanged within NPCC. The effort required for migration can vary depending on the changes made to the software. In the case of the migration to PSS<sup>®</sup>E 36, the changes made are major and therefore require an elaborate approach that extends over a period of 24 months.

**Question 2:**

Who determines the details of the models: Northeast Power Coordinating Council (NPCC) or Hydro-Québec (HQ)?  
Are the models of Reliability Standards MOD-026 and MOD-027 expected to change?

**Answer 2:**

In general, HQ and NPCC require that simulation models of a generating facility accurately reflect the real response of the facility for steady-state, dynamics, and short circuit. According to Reliability Standard MOD-032-1 and in its role of Planning Coordinator and Transmission Planner, HQ must detail and make available its modeling data requirements. These requirements are available on the following website:

<https://www.hydroquebec.com/data/transenergie/pdf/hqt-modelling-requirements-v6.pdf>.

The object of Reliability Standards MOD-026-1 et MOD-027-1 is to demonstrate that simulation models of voltage/governor controls accurately reflect the real response of these controls. Within this context, Generator Owners are responsible for developing simulation models that can perform this demonstration.