

Summary of Proposed Reliability Standards: BAL-007-1 AND TOP-003-7

Proposed Reliability Standards BAL-007-1 – Energy Reliability Assessments and TOP-003-7 – Transmission Operator and Balancing Authority Data and Information Specification and Collection

Details of Standard(s) Development

Reliability Standards Authority: NERC

Standard(s)	<ul style="list-style-type: none">BAL-007-1 – Energy Reliability AssessmentsTOP-003-7 – Transmission Operator and Balancing Authority Data and Information Specification and Collection
Purpose	<p>BAL-007-1: To assess and mitigate the risks of energy emergencies in the operations planning time horizon by analyzing the expected resource mix availability and the expected availability of fuel during the study period.</p> <p>TOP-003-7: To ensure that each Transmission Operator and Balancing Authority has the data and information it needs to plan, monitor, and assess the operation of its Transmission Operator Area or Balancing Authority Area.</p>
Change Type:	FERC DIRECTIVE
Affected Functional Entities:	<p>BAL-007-1:</p> <ul style="list-style-type: none">Balancing Authority (BA)Reliability Coordinator (RC) <p>TOP-003-7:</p> <ul style="list-style-type: none">Transmission Operator (TOP)Balancing Authority (BA)Generator Owner (GO)Generator Operator (GOP)Transmission Owner (TO)Distribution Provider (DP)

Ballot Results:	<ul style="list-style-type: none"> BAL-007-1: 88.68 % Quorum / 81.31 % Approval TOP-003-7: 86.92 % Quorum / 93.25 % Approval
Ontario Participant Support:	<ul style="list-style-type: none"> BAL-007-1: There were 265 votes cast by NERC registered entities. 2 OEB rate-regulated entities voted (2/265) Affirmative. TOP-003-7: There were 260 votes cast by NERC registered entities. 2 OEB rate-regulated entities voted (2/260). One was Affirmative, and one was Abstain.
Impact Within Ontario	Not Assessed.

Standards Development Milestones

Date	Action
December 10, 2024	<ul style="list-style-type: none"> Adopted by NERC Board of Trustees
January 6, 2025	<ul style="list-style-type: none"> NERC Petition for Approval
January 13, 2025	<ul style="list-style-type: none"> IESO Posting Date
May 13, 2025	<ul style="list-style-type: none"> End of OEB Review Period
TBD	<ul style="list-style-type: none"> FERC Order Issued
TBD	<ul style="list-style-type: none"> US Mandatory Enforcement Date
TBD	<ul style="list-style-type: none"> Ontario Enforcement Date (Milestones in Reliability Standard Development and Lifecycle)

Summary

The Proposed Reliability Standard BAL-007-1 serves as a step in transitioning to energy-based planning methods in the operations planning time horizon. While many entities have already begun incorporating some energy-based planning methods and strategies, Reliability Standard BAL-007-1 would help achieve a level of consistency across the industry. Reliability Standard BAL-007-1 is to identify and minimize the risks of forecasted Energy Emergencies in the operations planning time horizon by analyzing the expected resource mix availability. It would require Balancing Authorities to perform Near-Term Energy Reliability Assessment (ERAs) and have Operating Plans in place to identify and minimize the risks of forecasted Energy Emergencies. Near-Term ERAs would entail an assessment of the resources necessary to reliably supply the Electrical Energy required to serve Demand and provide Operating Reserves for the Bulk-Power System (BPS). Proposed Reliability Standard TOP-003-7 would provide the Balancing Authority with specific authority to collect the data necessary to perform the Near-Term ERAs.

Other Salient Information

Stakeholder Consultation

NERC Reliability Standards Development Procedure

- NERC develops Reliability Standards in accordance with Section 300 (Reliability Standards Development) of its Rules of Procedure and the NERC Standard Processes Manual;
- NERC's rules provide for reasonable notice and opportunity for public comment, due process, openness, and a balance of interests in developing Reliability Standards;
- The development process is open to any person or entity with a legitimate interest in the reliability of the Bulk Power System. NERC considers the comments of all stakeholders;
- Stakeholders must approve, and the NERC Board of Trustees must adopt, a new or revised Reliability Standard before NERC submits the Reliability Standard to FERC for approval;
- NERC provided public notices for comments and balloting as follows:
 - Standard Authorization Request Development: June 15, 2022
 - Informal comment Period: September 13 – October 5, 2023
 - First Posting BAL-007-1: January 14 – March 11, 2024
 - Second Posting BAL-007-1: May 7 – June 24, 2024
 - First Posting TOP-003-7: September 19 – November 4, 2024
 - Third Posting BAL-007-1: October 25 – November 4, 2024
 - Final Ballot: November 25 – December 4, 2024

IESO Reliability Standards Standing Committee

- The purpose of the Reliability Standards Standing Committee (RSSC) is to assist market participants to develop a more comprehensive understanding of their reliability obligations by:
 - Notifying participants of reliability-related information on new and developing reliability standards;
 - Providing a forum to discuss and develop consensus comments on new and developing reliability standards; and
 - Engaging participants in the standard development process of NERC and NPCC.
- The majority of stakeholder engagement takes place by email communications and is open to any stakeholder wishing to join
- The IESO presented the proposed changes at the following RSSC meetings:
 - March 14, 2024
 - June 13, 2024
 - September 12, 2024
 - December 11, 2024