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# **Nova Scotia Energy Board**

**North American Electric Reliability  
Corporation**

**M12577**

**2025 Q3 Application for Approval of  
Reliability Standards**

**NS Power Recommendations**

January 16, 2026

NON-CONFIDENTIAL

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**1.0 INTRODUCTION**

In its application dated November 25, 2025, the North American Electric Reliability Corporation (NERC) applied to the Nova Scotia Energy Board (NSEB, Board) for approval of the following new NERC Reliability Standard approved by the United States Federal Energy Regulatory Commission (FERC) during the third quarter of 2025:

1. Reliability Standard PRC-024-4
2. Reliability Standard PRC-029-1
3. Reliability Standard EOP-012-3

NERC also applied for approval of the addition of the following definitions in the NERC Glossary. The new definition of Ride-through, and revised definition of the term Generator Cold Weather Constraint.

NERC's application states as follows:

As provided in the table below, during the third quarter of 2025, FERC issued two orders approving the following Reliability Standards and definitions: (1) PRC-024-4 (Frequency and Voltage Protection Settings for Synchronous Generators, Type 1 and Type [2] Wind Resources, and Synchronous Condensers), (2) PRC-029-1 (Frequency and Voltage Ride-through Requirements for Inverter-Based Resources) and the definition of Ride-through; and (3) EOP-012-3 (Extreme Cold Weather Preparedness and Operations) and the revised definition of the term Generator Cold Weather Constraint. No other Reliability Standards applicable to Nova Scotia were approved by FERC during the third quarter of 2025.

**Revised Reliability Standards**

| Reliability Standard                        | Effective Date |
|---------------------------------------------|----------------|
| Protection and Control (PRC)                |                |
| PRC-024-4*                                  | 10/1/2026      |
| PRC-029-1*                                  | 10/1/2026      |
| Emergency Preparedness and Operations (EOP) |                |
| EOP-012-3                                   | 10/1/2025      |

\* At the time of this filing, the standards marked with an asterisk are not yet effective, but have been approved by FERC and have a future mandatory effective date.

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1 By letter dated November 26, 2025, the NSEB requested comments from Nova Scotia Power  
2 Incorporated (NS Power, Company) on NERC's Application by December 23, 2025. On  
3 December 17, 2025 NS Power requested an extension until January 16, 2026. The NSEB approved  
4 the extension request on December 18, 2025.

5  
6 NS Power provides comments and recommendations on this matter in the sections below.

7  
8 **1.1 Effective Dates**

9  
10 On June 30, 2010, NERC submitted its first set of Reliability Standards to the Nova Scotia Utility  
11 and Review Board (NSUARB) for approval. The NSUARB issued a Decision and Order approving  
12 these standards on July 20, 2011. In its Decision, the NSUARB also approved a quarterly review  
13 process.<sup>1</sup> On April 1, 2025, on proclamation of the *Energy and Regulatory Boards Act*, S.N.S.  
14 2024, c. 2, Sch. A, the Utility and Review Board was succeeded by the Nova Scotia Energy Board  
15 (NSEB, Board) for all applications related to electric utilities. All references going forward will  
16 be to the NSEB.

17  
18 NS Power notes that in each case where NERC recommends approval of a Reliability Standard, it  
19 has recommended an effective date in Nova Scotia. NERC Reliability Standards and NPCC  
20 Regional Reliability Criteria only become mandatory in Nova Scotia upon approval by the NSEB.  
21 However, NERC's Applications usually contain a table showing the NERC effective dates in the  
22 United States for each of the applicable Reliability Standards (such as the table from NERC's Q1  
23 2025 application reproduced above). Following prior discussions with NERC counsel, NS Power  
24 indicated that for clarification purposes, when commenting on NERC's quarterly applications, the  
25 Company requests that the NSEB confirm in its Order the effective date in Nova Scotia in each  
26 case.

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<sup>1</sup> M03324, NERC-R-10, NSUARB Order, July 20, 2011.

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**1.2 VRFs and VSLs**

When NS Power recommends approval of NERC Reliability Standards to the NSEB, its recommendation does not include NERC Violation Risk Factors (VRFs) and Violation Severity Levels (VSLs). Consistent with the NSEB's Decision dated July 24, 2013, with respect to NERC's Q1 2013 Application, NERC has confirmed that it does not seek approval of the VRFs and VSLs associated with the Reliability Standards submitted in its Application.

NS Power confirms its understanding that the NSEB's approval of these Reliability Standards will exclude approval of any VRFs and VSLs. If this understanding is incorrect, NS Power asks that this be clarified by the NSEB and that NS Power be provided with an opportunity for further comment.

**1.3 Independent Energy System Operator of Nova Scotia (IESO-NS)**

Some of NS Power's NERC Registered roles will be transitioning to the Independent Energy System Operator of Nova Scotia (IESO-NS). Accordingly, implementation of and compliance with applicable NERC reliability standards related to those roles and adopted in Nova Scotia will become the responsibility of IESO-NS as those registered roles are transferred.

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**2.0 NS POWER RECOMMENDATION**

NS Power has reviewed NERC's Application and provides the following recommendations.

**2.1 PRC-024-4**

|                                                             |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reliability Standard</b>                                 | PRC-024-4 (Frequency and Voltage Protection Settings for Synchronous Generators, Type 1 and Type 2 Wind Resources, and Synchronous Condensers)                                                                                                                                                                                                                   |
| <b>Group</b>                                                | Protection and Control (PRC)                                                                                                                                                                                                                                                                                                                                     |
| <b>Current version in Effect in Nova Scotia</b>             | PRC-024-3                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applicability</b>                                        | <p>This standard is applicable in Nova Scotia because NS Power currently performs the following functions, to which this Reliability Standard is applicable, as listed in Section 4 of the Standard:</p> <ul style="list-style-type: none"><li>• Generator Owner</li><li>• Transmission Owner</li></ul>                                                          |
| <b>FERC Approval Date: (mm/dd/yy)</b>                       | <i>Order No. 909, 192 ¶ 61,076 (2025)</i>                                                                                                                                                                                                                                                                                                                        |
| <b>NERC Effective Date: (mm/dd/yy)</b>                      | 10/01/2026                                                                                                                                                                                                                                                                                                                                                       |
| <b>Implementation Plan</b>                                  | <a href="#">Implementation Plan</a>                                                                                                                                                                                                                                                                                                                              |
| <b>Method of Calculating the Nova Scotia Effective Date</b> | Where approval by an applicable governmental authority is required, the standard shall become effective on the first day of the first calendar quarter that is six (6) months after the effective date of the applicable governmental authority's order approving the PRC-028-1 standard, or as otherwise provided for by the applicable governmental authority. |

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|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NS Power Recommendation</b> | NS Power recommends PRC-024-4 be approved.<br><br>If NSEB approval is received in the first quarter of 2026, NS Power recommends this standard be effective July 1, 2026. If approval is received later, the effective date should be recalculated by applying the implementation plan referenced in the “Method of Calculating the Nova Scotia Effective Date” section above. |
| <b>Retirement requested</b>    | PRC-024-3 shall be retired immediately prior to the effective date of the Reliability Standard PRC-024-4.                                                                                                                                                                                                                                                                      |

**2.2 PRC-029-1**

|                                                             |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reliability Standard</b>                                 | PRC-029-1 (Frequency and Voltage Ride-through Requirements for Inverter-based Resources)                                                                                                                                                                                                                                                                         |
| <b>Group</b>                                                | Protection and Control (PRC)                                                                                                                                                                                                                                                                                                                                     |
| <b>Current version in Effect in Nova Scotia</b>             | New Standard, no version in effect in Nova Scotia                                                                                                                                                                                                                                                                                                                |
| <b>Applicability</b>                                        | This standard is applicable in Nova Scotia because NS Power currently performs the following function, to which this Reliability Standard is applicable, as listed in Section 4 of the Standard: <ul style="list-style-type: none"><li>• Generator Owner</li></ul>                                                                                               |
| <b>FERC Approval Date: (mm/dd/yy)</b>                       | <i>Order No. 909, 192 ¶ 61,076 (2025)</i>                                                                                                                                                                                                                                                                                                                        |
| <b>NERC Effective Date: (mm/dd/yy)</b>                      | 10/01/2026                                                                                                                                                                                                                                                                                                                                                       |
| <b>Implementation Plan</b>                                  | <a href="#">Implementation Plan</a>                                                                                                                                                                                                                                                                                                                              |
| <b>Method of Calculating the Nova Scotia Effective Date</b> | Where approval by an applicable governmental authority is required, the standard shall become effective on the first day of the first calendar quarter that is six (6) months after the effective date of the applicable governmental authority’s order approving the PRC-028-1 standard, or as otherwise provided for by the applicable governmental authority. |

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|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NS Power Recommendation</b> | NS Power recommends PRC-029-1 be approved.<br><br>If NSEB approval is received in the first quarter of 2026, NS Power recommends this standard be effective July 1, 2026. If approval is received later, the effective date should be recalculated by applying the implementation plan referenced in the “Method of Calculating the Nova Scotia Effective Date” section above. |
| <b>Retirement requested</b>    | Not Applicable. New Standard, no version in effect in Nova Scotia                                                                                                                                                                                                                                                                                                              |
| <b>IESO-NS Consideration</b>   | NS Power notes that while the registered function for PRC-029-1 is GO, the IESO-NS may need to take action as a result of the implementation of this standard in Nova Scotia.                                                                                                                                                                                                  |

**2.3 EOP-012-3**

|                                                             |                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reliability Standard</b>                                 | EOP-012-3 (Extreme Cold Weather Preparedness and Operations)                                                                                                                                                                                                                                            |
| <b>Group</b>                                                | Emergency Preparedness and Operations (EOP)                                                                                                                                                                                                                                                             |
| <b>Current version in Effect in Nova Scotia</b>             | EOP-012-2                                                                                                                                                                                                                                                                                               |
| <b>Applicability</b>                                        | <p>This standard is applicable in Nova Scotia because NS Power currently performs the following functions, to which this Reliability Standard is applicable, as listed in Section 4 of the Standard:</p> <ul style="list-style-type: none"><li>• Generator Owner</li><li>• Generator Operator</li></ul> |
| <b>FERC Approval Date: (mm/dd/yy)</b>                       | 192 FERC ¶ 61,229 (2025)                                                                                                                                                                                                                                                                                |
| <b>NERC Effective Date: (mm/dd/yy)</b>                      | 10/01/2025                                                                                                                                                                                                                                                                                              |
| <b>Implementation Plan</b>                                  | <a href="#">Implementation Plan</a>                                                                                                                                                                                                                                                                     |
| <b>Method of Calculating the Nova Scotia Effective Date</b> | Where approval by an applicable governmental authority is required, the standard shall become effective on the first day of the first calendar quarter that is three (3) months after the effective date of the applicable governmental authority’s order approving the                                 |

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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                | standard, or as otherwise provided for by the applicable governmental authority.                                                                                                                                                                                                                                                                                                      |
| <b>NS Power Recommendation</b> | <p>NS Power recommends EOP-012-3 be approved.</p> <p>If NSEB approval is received in the first quarter of 2026, NS Power recommends this standard be effective July 1, 2026. If approval is received later, the effective date should be recalculated by applying the implementation plan referenced in the “Method of Calculating the Nova Scotia Effective Date” section above.</p> |
| <b>Retirement requested</b>    | EOP-012-2 shall be retired immediately prior to the effective date of the Reliability Standard EOP-012-3.                                                                                                                                                                                                                                                                             |

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**3.0 GLOSSARY DEFINITIONS**

NERC's Application included a request for approval of the addition of the new definition of Ride-through, and revised definition of the term Generator Cold Weather Constraint in the NERC Glossary.

NS Power recommends the approval of the definitions Ride-through and Generator Cold Weather Constraint as set out in the NERC Glossary.

**4.0 RETIREMENT OF RELIABILITY STANDARDS**

NS Power recommends the following versions of the Reliability Standard be retired immediately prior to the effective date of the revised versions recommended for approval:

- Reliability Standard PRC-024-3 (Frequency and Voltage Protection Settings for Synchronous Generators, Type 1 and Type 2 Wind Resources, and Synchronous Condensers)
- Reliability Standard EOP-012-2 (Extreme Cold Weather Preparedness and Operations)

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**5.0 CONCLUSION**

In summary, NS Power has reviewed the NERC Application and recommends the NSEB:

(a) Approve Reliability Standard PRC-024-4, PRC-029-1 and EOP-012-3 effective as set out in Section 2.0; and

(b) Approve the addition of the definitions: Ride-through and Generator Cold Weather Constraint as set out in the NERC Glossary, as set out in Section 3.0.

(c) Approve the retirement of PRC-024-3 and EOP-012-2 effective as set out in Section 4.0.

NS Power notes that as set out in Section 2.2, while the registered function for PRC-029-1 is GO, the IESO-NS may need to take action as a result of the implementation of this standard in Nova Scotia.