

NB Appendix
PRC-029-1-NB-0 - Frequency and Voltage Ride-through Requirements for Inverter-based Resources

This appendix establishes modifications to the FERC approved NERC standard PRC-029-1 for its specific application in New Brunswick. This appendix must be read with PRC-029-1 to determine a full understanding of the requirements of the standard for New Brunswick. Where the standard and appendix differ, the appendix shall prevail.

For the purpose of this standard the term:

- the term "Bulk Electric System" and its acronym, "BES" shall mean the "bulk power system" as defined in the *New Brunswick Reliability Standards Regulation - Electricity Act*; and,
- the term "Planning Coordinator" shall mean "Planning Authority".

A. Introduction

1. **Title:** Frequency and Voltage Ride-through Requirements for Inverter-based Resources
2. **Number:** PRC-029-1
3. **Purpose:** No New Brunswick modifications
4. **Applicability:**
 - 4.1. **Functional Entities:**
 - 4.1.1. No New Brunswick modifications
 - 4.2. **Facilities:**
 - 4.2.1. No New Brunswick modifications
 - 4.2.2. No New Brunswick modifications
5. **Effective Date:** No New Brunswick modifications
6. **Standard-only Definition:** No New Brunswick modification

NB Appendix
PRC-029-1-NB-0 - Frequency and Voltage Ride-through Requirements for Inverter-based Resources

B. Requirements and Measures

- R1.** No New Brunswick modifications
- M1.** No New Brunswick modifications
- R2.** No New Brunswick modifications
 - 2.1.** No New Brunswick modifications
 - 2.1.1.** No New Brunswick modifications
 - 2.1.2.** No New Brunswick modifications
 - 2.1.3.** No New Brunswick modifications
 - 2.2.** No New Brunswick modifications
 - 2.3.** No New Brunswick modifications
 - 2.3.1.** No New Brunswick modifications
 - 2.4.** No New Brunswick modifications
 - 2.5.** No New Brunswick modifications
- M2.** No New Brunswick modifications
- R3.** No New Brunswick modifications
- M3.** No New Brunswick modifications
- R4.** No New Brunswick modifications
 - 4.1.** No New Brunswick modifications
 - 4.1.1.** No New Brunswick modifications
 - 4.1.2.** No New Brunswick modifications
 - 4.1.3.** No New Brunswick modifications
 - 4.1.4.** No New Brunswick modifications
 - 4.1.5.** No New Brunswick modifications

NB Appendix
PRC-029-1-NB-0 - Frequency and Voltage Ride-through Requirements for Inverter-based Resources

4.2. No New Brunswick modifications

4.2.1. No New Brunswick modifications

4.2.2. No New Brunswick modifications

4.3. No New Brunswick modifications

4.3.1. No New Brunswick modifications

M4. No New Brunswick modifications

C. Compliance

1. Compliance Monitoring Process

1.1. Compliance Enforcement Authority:

“Compliance Enforcement Authority” (CEA) means New Brunswick Energy and Utilities Board.

1.2. Evidence Retention:

No New Brunswick modifications

1.3. Compliance Monitoring and Enforcement Program:

“Compliance Monitoring and Enforcement Program” refers to the identification of the processes that will be used to evaluate data or information for the purpose of assessing performance or outcomes with the associated Reliability Standard as set out in the New Brunswick Compliance Monitoring and Enforcement Program.

NB Appendix

PRC-029-1-NB-0 - Frequency and Voltage Ride-through Requirements for Inverter-based Resources

Violation Severity Levels

R #	Violation Severity Levels			
	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1.	No New Brunswick modifications			
R2.				
R3.				
R4.				

NB Appendix
PRC-029-1-NB-0 - Frequency and Voltage Ride-through Requirements for Inverter-based Resources

D. Regional Variances

No New Brunswick modifications

E. Associated Documents

No New Brunswick modifications

Version History (maintained by the NBEUB)

Version	NBEUB Approval Date	NB Appendix Effective Date	Change Tracking	Comments
0	12/05/25	01/01/27	<ol style="list-style-type: none">1. Replace the term “Bulk Electric System” and its acronym “BES” with “bulk power system” throughout.2. Replace the term “Planning Coordinator” and its acronym “PC” with “Planning Authority” throughout.3. Revised Section C to clarify the NBEUB as the entity having the compliance enforcement authority for NB.4. Replace “As defined in NERC Rules of Procedure” with “as set out in the New Brunswick Compliance Monitoring and Enforcement Program”.	<p>Approved by NBEUB, Matter ER-005-2025.</p> <p>For detailed information about the initial compliance dates, please see the Implementation plan submitted under Matter ER-005-2025.</p>

Attachment 1

No New Brunswick modifications

Attachment 2

No New Brunswick modifications

NB Appendix
PRC-029-1-NB-0 - Frequency and Voltage Ride-through Requirements for Inverter-
based Resources
