

NB Appendix
CIP-002-8-NB-0 – Cyber Security – BES Cyber System Categorization

This appendix establishes modifications to the FERC approved NERC standard CIP-002-8 for its specific application in New Brunswick. This appendix must be read with CIP-002-8 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 "Bulk Electric System" and its acronym, "BES" shall mean the "bulk power system" (BPS) as defined in the New Brunswick *Reliability Standards Regulation - Electricity Act*;
- the term "BES Cyber Asset" as used in this Appendix or CIP-002-8 means "BPS Cyber Asset" as defined in section G; and,
- the term "BES Cyber System" as used in this Appendix or CIP-002-8 means "BPS Cyber System" as defined in section G.

A. Introduction

1. Title: Cyber Security – BES Cyber System Categorization

2. Number: CIP-002-8

3. Purpose: No New Brunswick modifications

4. Applicability:

4.1. Functional Entities:

4.1.1. No New Brunswick modifications

4.1.2. No New Brunswick modifications

4.1.2.1. No New Brunswick modifications

4.1.2.1.1. is part of a Load shedding program that is subject to one or more requirements in a New Brunswick Energy and Utilities Board approved reliability standard or Regional Reliability Standard; and,

4.1.2.1.2. No New Brunswick modifications

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4.2.1.4. No New Brunswick modifications

4.2.2. Responsible Entities listed in 4.1 other than Distribution Providers:

No New Brunswick modifications

4.2.3. Exemptions: No New Brunswick modifications

4.2.3.1. No New Brunswick modifications

4.2.3.2. No New Brunswick modifications

4.2.3.3. No New Brunswick modifications

4.2.3.4. No New Brunswick modifications

4.2.3.5. No New Brunswick modifications

5. Effective Date: Pending Board Approval of Reliability Standard CIP-002-7 and associated NB Appendix CIP-002-7-NB-0.

B. Requirements and Measures

- R1.** No New Brunswick modifications
 - i.** No New Brunswick modifications
 - ii.** No New Brunswick modifications
 - iii.** No New Brunswick modifications
 - iv.** No New Brunswick modifications
 - v.** No New Brunswick modifications
 - vi.** No New Brunswick modifications

- 1.1.** No New Brunswick modifications
- 1.2.** No New Brunswick modifications
- 1.3.** No New Brunswick modifications

- M1.** No New Brunswick modifications

- R2.** No New Brunswick modifications
 - 2.1.** No New Brunswick modifications
 - 2.2.** No New Brunswick modifications

- M2.** No New Brunswick modifications

C. Compliance

1. Compliance Monitoring Process

1.1. Compliance Enforcement Authority

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

1.2. Evidence Retention

No New Brunswick modifications

- No New Brunswick modifications
- No New Brunswick modifications
- No New Brunswick modifications

1.3. Compliance Monitoring and Enforcement Program

“Compliance Monitoring and Enforcement Program” refers to the identification of the processes 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.

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Violation Severity Levels

R#	Violation Severity Levels (CIP-002-8)			
	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1	No New Brunswick modifications			
R2.				

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D. Regional Variances

No New Brunswick modifications

E. Interpretations

No New Brunswick modifications

F. Associated Documents

No New Brunswick modifications

- No New Brunswick modifications
- No New Brunswick modifications

G. New Brunswick Definitions

BPS Cyber Asset:	A Cyber Asset or Virtual Cyber Asset that, if rendered unavailable, degraded, or misused would, within 15 minutes of its required operation, misoperation, or non-operation, adversely impact one or more Facilities, systems, or equipment, which, if destroyed, degraded, or otherwise rendered unavailable when needed, would affect the Reliable Operation of the Bulk Power System (BPS). Redundancy of affected Facilities, systems, and equipment shall not be considered when determining adverse impact. Each BPS Cyber Asset is included in one or more BPS Cyber Systems.
BPS Cyber System:	One or more BPS Cyber Assets logically grouped by a responsible entity to perform one or more reliability tasks for a functional entity.

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Version History (maintained by NBEUB)

Version	NBEUB Approval Date	NB Appendix Effective Date	Change Tracking	Comments
0	08/27/26	10/01/28	1. Replace the term “Bulk Electric System” and its acronym “BES” with “bulk power system” throughout. 2. Add New Brunswick definition for BPS Cyber Asset and BPS Cyber System. 3. Replace “NERC” with “New Brunswick Energy and Utilities Board approved Reliability Standard” to recognize that registered entities in New Brunswick are required to comply with Board approved Reliability Standards. 4. Revised Section C to clarify the NBEUB as the entity having the compliance enforcement authority for NB. 5. Replace “As defined in NERC Rules of Procedure” with “as set out in the New Brunswick Compliance Monitoring and Enforcement Program”.	Approved by NBEUB, Matter ER-003-2026. For detailed information about the initial compliance dates, please see the Implementation plan submitted under Matter ER-003-2026.

Attachment 1 – Impact Rating Criteria

Impact Rating Criteria

No New Brunswick modifications

1. High impact rating

No New Brunswick modifications

1.1. No New Brunswick modifications

1.2. No New Brunswick modifications

1.3. No New Brunswick modifications

1.4. No New Brunswick modifications

2. Medium impact rating

No New Brunswick modifications

2.1. No New Brunswick modifications

2.2. No New Brunswick modifications

2.3. No New Brunswick modifications

2.4. No New Brunswick modifications

2.5. No New Brunswick modifications

Voltage Value of a Line	Weight Value per Line
No New Brunswick modifications	

2.6. No New Brunswick modifications

2.7. No New Brunswick modifications

2.8. No New Brunswick modifications

2.9. No New Brunswick modifications

2.10. Each system or group of Elements that performs automatic Load shedding under a common control system, without human operator initiation, of 300 MW or more

Attachment 1

implementing undervoltage load shedding (UVLS) or underfrequency load shedding (UFLS) under a load shedding program that is subject to one or more requirements in a New Brunswick Energy and Utilities Board approved reliability standard or regional Reliability Standard.

2.11. No New Brunswick modifications

2.12. No New Brunswick modifications

Voltage Value of a BES Transmission Line	Weight Value per BES Transmission Line
No New Brunswick modifications	

2.13. No New Brunswick modifications

3. Low impact rating

3.1. No New Brunswick modifications

3.2. No New Brunswick modifications

3.3. No New Brunswick modifications

3.4. No New Brunswick modifications

3.5. No New Brunswick modifications

3.6. No New Brunswick modifications