

NB Appendix
**MOD-025-2-NB-0 - Verification and Data Reporting of Generator Real and
Reactive Power Capability and Synchronous Condenser Reactive Power
Capability**

This appendix establishes modifications to the FERC approved NERC standard MOD-025-2 for its specific application in New Brunswick. This appendix must be read with MOD-025-2 to determine a full understanding of the requirements of the standard for New Brunswick. Where the standard and appendix differ, the appendix shall prevail.

A. Introduction

- 1. Title:** Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability
- 2. Number:** MOD-025-2
- 3. Purpose:** To ensure that accurate information on generator gross and net Real and Reactive Power capability and synchronous condenser Reactive Power capability is available for planning models used to assess bulk power system reliability.
- 4. Applicability:**
 - 4.1. Functional entities**
 - 4.1.1** No New Brunswick modifications
 - 4.1.2** No New Brunswick modifications
 - 4.2. Facilities:**

For the purpose of this standard, the term, “applicable Facility” shall mean any one of the following:

 - 4.2.1** Individual generating unit greater than 20 MVA (gross nameplate rating) directly connected to the bulk power system.
 - 4.2.2** Synchronous condenser greater than 20 MVA (gross nameplate rating) directly connected to the bulk power system.
 - 4.2.3** Generating plant/Facility greater than 75 MVA (gross aggregate nameplate rating) directly connected to the bulk power system.
- 5. Effective Date:**

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- 5.1. No New Brunswick modifications
 - 5.1.1 No New Brunswick modifications
 - 5.1.2 No New Brunswick modifications
 - 5.1.3 No New Brunswick modifications
 - 5.1.4 No New Brunswick modifications
- 5.2. No New Brunswick modifications
 - 5.2.1 No New Brunswick modifications
 - 5.2.2 No New Brunswick modifications
 - 5.2.3 No New Brunswick modifications
 - 5.2.4 No New Brunswick modifications

Note: No New Brunswick modifications

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Requirements

- R1.** No New Brunswick modifications
 - 1.1.** No New Brunswick modifications
 - 1.2.** No New Brunswick modifications
- R2.** No New Brunswick modifications
 - 2.1.** No New Brunswick modifications
 - 2.2.** No New Brunswick modifications
- R3.** No New Brunswick modifications
 - 3.1.** No New Brunswick modifications
 - 3.2.** No New Brunswick modifications

B. Measures

- M1.** No New Brunswick modifications
- M2.** No New Brunswick modifications
- M3.** No New Brunswick modifications

C. Compliance

- 1. Compliance Monitoring Process**
 - 1.1. Compliance Enforcement Authority**

The New Brunswick Energy and Utilities Board shall serve as the Compliance enforcement authority.
 - 1.2. Evidence Retention**

No New Brunswick modifications
 - 1.3. Compliance Monitoring and Assessment Processes**

No New Brunswick modifications
 - 1.4. Additional Compliance Information**

No New Brunswick modifications

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2. Violation Severity Levels

R #	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1	No New Brunswick modifications			
R2				
R3				

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D. Regional Variances

No New Brunswick modifications

E. Associated Documents

Version History (maintained by the NBEUB)

Version	NBEUB Approval Date	NB Appendix Effective Date	Change Tracking	Comments
0	11/12/14	01/01/17	1. Bulk Electric System(BES)replaced with "Bulk power system" throughout 2. Revised Section C to clarify the NBEUB as the entity having the compliance enforcement authority for NB	Approved Under NBEUB Matter 257 Effective dates: R1, R2 and R3 * See Implementation Plan Timelines below

***Implementation Plan Timelines for R1, R2 and R3**

% Verified	By
40%	01/01/17
60%	01/01/18
80%	01/01/19
100%	01/01/20

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MOD-025 Attachment 1 - Verification of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability

No New Brunswick modifications

MOD-025 Attachment 2

No New Brunswick modifications