

This appendix establishes modifications to the FERC approved NERC standard TPL-007-2 for its specific application in New Brunswick. This appendix must be read with TPL-007-2 to determine a full understanding of the requirements of the standard for New Brunswick. Where the standard and appendix differ, the appendix shall prevail.

For the purpose of this standard:

- 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:** Transmission System Planned Performance for Geomagnetic Disturbance Events
- 2. Number:** TPL-007-3
- 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
 - 4.1.3.** No New Brunswick modifications
 - 4.1.4.** No New Brunswick modifications
 - 4.2. Facilities:**
 - 4.2.1.** No New Brunswick modifications
- 5. Effective Date:** No New Brunswick modifications
- 6. Background:** No New Brunswick modifications

B. Requirements and Measures

R1. No New Brunswick modifications

M1. No New Brunswick modifications

R2. No New Brunswick modifications

M2. No New Brunswick modifications

R3. No New Brunswick modifications

M3. No New Brunswick modifications

Benchmark GMD Vulnerability Assessment(s)

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

4.2. No New Brunswick modifications

4.3. No New Brunswick modifications

4.3.1. No New Brunswick modifications

M4. No New Brunswick modifications

R5. No New Brunswick modifications

5.1. No New Brunswick modifications

5.2. No New Brunswick modifications

M5. No New Brunswick modifications

R6. No New Brunswick modifications

6.1. No New Brunswick modifications

6.2. No New Brunswick modifications

6.3. No New Brunswick modifications

6.4. No New Brunswick modifications

M6. No New Brunswick modifications

- R7.** No New Brunswick modifications
 - 7.1** No New Brunswick modifications
 - 7.2** No New Brunswick modifications
 - 7.3** No New Brunswick modifications
 - 7.3.1.** No New Brunswick modifications
 - 7.3.2.** No New Brunswick modifications
 - 7.4** No New Brunswick modifications
 - 7.4.1.** No New Brunswick modifications
 - 7.4.2.** No New Brunswick modifications
 - 7.4.3.** No New Brunswick modifications
 - 7.5** No New Brunswick modifications
 - 7.5.1.** No New Brunswick modifications

- M7.** No New Brunswick modifications

Supplemental GMD Vulnerability Assessment(s)

- R8.** No New Brunswick modifications
 - 8.1.** No New Brunswick modifications
 - 8.1.1.** No New Brunswick modifications
 - 8.1.2.** No New Brunswick modifications
 - 8.2.** No New Brunswick modifications
 - 8.3.** No New Brunswick modifications
 - 8.4.** No New Brunswick modifications
 - 8.4.1.** No New Brunswick modifications

- M8.** No New Brunswick modifications

- R9.** No New Brunswick modifications
 - 9.1.** No New Brunswick modifications
 - 9.2.** No New Brunswick modifications

- M9.** No New Brunswick modifications
- R10.** No New Brunswick modifications
 - 10.1.** No New Brunswick modifications
 - 10.2.** No New Brunswick modifications
 - 10.3.** No New Brunswick modifications
 - 10.4.** No New Brunswick modifications
- M10.** No New Brunswick modifications

GMD Measurement Data Processes

- R11.** No New Brunswick modifications
- M11.** No New Brunswick modifications
- R12.** No New Brunswick modifications
- M12.** No New Brunswick modifications

C. Compliance

- 1. Compliance Monitoring Process**
 - 1.1.** No New Brunswick modifications
 - 1.2.** 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.

Table 1: Steady State Planning GMD Event

No New Brunswick modifications

Violation Severity Levels

R #	Violation Severity Levels			
	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1.	No New Brunswick modifications			
R2.				
R3.				
R4.				
R5.				
R6.				
R7.				
R8.				
R9.				
R10.				
R11.				
R12.				

D. Regional Variances

D.A. Regional Variances for Canadian Jurisdictions

No New Brunswick modifications

E. Associated Documents

No New Brunswick modifications

NB Appendix
TPL-007-3-NB-0 - Transmission System Planned Performance for Geomagnetic Disturbance Events

Version History (maintained by NBEUB)

Version	NBEUB Approval Date	NB Appendix Effective Date	Change Tracking	Comments
0	09/17/19	01/01/20	1. Bulk Electric System(BES)replaced with “bulk power system” throughout. 2. Replace the term “Planning Coordinator” with “Planning Authority” throughout. 3. Replace references to the NERC Rules of Procedure with the NB CMEP.	Approved under Matter 447. Effective Dates: R1, R2 01/01/20 R5, R9 07/01/20 R11, R12 01/01/22 R6, R10 07/01/22 R3, R4, R8 07/01/23 R7 07/01/24

Attachment 1

No New Brunswick modifications

Attachment 1-CAN

No New Brunswick modifications

Guidelines and Technical Basis

No New Brunswick modifications

Rationale

No New Brunswick modifications