

Appendix TPL-007-4-QC-24

Specific provisions applicable in Québec for standard TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events

This appendix establishes specific provisions for the application of the standard in Québec. Provisions of the standard and of this appendix must be read jointly for comprehension and interpretation purposes. Where the standard and appendix differ, the appendix shall prevail.

A. Introduction

1. **Title:** No specific provisions.
2. **Number:** No specific provisions.
3. **Purpose:** No specific provisions.
4. **Applicability:** In the application of this standard, all reference to the term “Bulk Electric System” or “BES” shall be replaced by the terms “Main Transmission System” or “RTP” respectively.

4.1. Functional Entities

No specific provisions.

4.2. Facilities

- 4.2.1 No specific provisions Facilities that are part of the RTP that include power transformer(s) with a high side, wye-grounded winding with terminal voltage greater than 200 kV.

5. Effective date:

- 5.1. Adoption of the standard by the Régie de l'énergie: September 14, 2022
- 5.2. Adoption of this appendix by the Régie de l'énergie: September Month
14xx, 2022x
- 5.3. Effective date of the standard and
of this appendix in Québec: April 1st, 2023

The requirements will be implemented on the following dates:

Requirement	Implementation date
R1	April 1 st , 2023
R2	April 1 st , 2023
R5 and R9	April 1 st , 2023
R12 and R13	October 1 st , 2023
R6 and R10	April 1 st , 2025
R3, R4, R7, R8 and R11	April 1 st , 2026

6. **Background:** No specific provisions.

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B. Requirements and Measures

Specific provision applicable to Requirement R5, R6, R9 and R10, and Measures M5, M6, M9 and M10 replace “BES” by “RTP” No specific provisions.

C. Compliance

1. Compliance Monitoring Process

1.1. Compliance Enforcement Authority

In Québec, “Compliance Enforcement Authority” means the Régie de l’énergie in its roles of monitoring and enforcing compliance with respect to the Reliability Standard and to this appendix.

1.2. Evidence Retention

No specific provisions.

1.3. Compliance Monitoring and Enforcement Program

The Régie de l’énergie establishes the monitoring processes used to evaluate data or information for the purpose of determining compliance or non-compliance with the Reliability Standard and with this appendix.

Table 1: Steady State Planning GMD Event

No specific provisions Replace “BES” by “RTP”.

Violation Severity Levels

No specific provisions Replace “BES” by “RTP” for requirement R5, R6, R9 and R10 of the VSL.

D. Regional Variances

No specific provisions.

E. Associated Documents

No specific provisions.

Attachment 1

No specific provisions.

Attachment 1-CAN

No specific provisions.

Version history

Version	Date	Action	Change tracking
1	September 14, 2022	New appendix as per decision D-2022-110.	New

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Events

<u>2</u>	<u>Month xx, 202x</u>	<u>Updated appendix in accordance with decision D-2024-060.</u>	<u>Revision</u>
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