

**NB Appendix**  
**PRC-004-6 – Protection System Misoperation Identification and Correction**

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This appendix establishes modifications to the FERC approved NERC standard PRC-004-6 for its specific application in New Brunswick. This appendix must be read with PRC-004-6 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*

**A Introduction**

1. **Title:** Protection System Misoperation Identification and Correction
2. **Number:** PRC-004-6
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
  - 4.2. **Facilities:**
    - 4.2.1 No New Brunswick modifications
      - 4.2.1.1 No New Brunswick modifications
      - 4.2.1.2 No New Brunswick modifications
      - 4.2.1.3 No New Brunswick modifications
      - 4.2.1.4 No New Brunswick modifications
      - 4.2.1.5 No New Brunswick modifications
    - 4.2.2 No New Brunswick modifications
    - 4.2.3 No New Brunswick modifications
5. **Effective Date:** No New Brunswick modifications

**B Requirements and Measures**

- R1.** 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
    - 2.1.1** No New Brunswick modifications
    - 2.1.2** No New Brunswick modifications
    - 2.1.3** No New Brunswick modifications
  - 2.2** No New Brunswick modifications
- M2.** No New Brunswick modifications
- R3.** No New Brunswick modifications
- M3.** No New Brunswick modifications
- R4.** No New Brunswick modifications
- M4.** No New Brunswick modifications
- R5.** No New Brunswick modifications
- M5.** No New Brunswick modifications
- R6.** No New Brunswick modifications
- M6.** No New Brunswick modifications

**C. Compliance**

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

“New Brunswick Energy and Utilities Board” to recognize the Board’s authority in New Brunswick
  - 1.2. Evidence Retention**

No New Brunswick modifications

**1.3. Compliance Monitoring and Assessment Processes**

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

**1.4. Additional Compliance Information**

No New Brunswick modifications

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Violation Severity Levels

| R#  | Time Horizon | VRF | Violation Severity Levels      |              |          |            |
|-----|--------------|-----|--------------------------------|--------------|----------|------------|
|     |              |     | Lower VSL                      | Moderate VSL | High VSL | Severe VSL |
| R1. |              |     | No New Brunswick modifications |              |          |            |
| R2. |              |     |                                |              |          |            |
| R3. |              |     |                                |              |          |            |
| R4. |              |     |                                |              |          |            |
| R5. |              |     |                                |              |          |            |
| R6. |              |     |                                |              |          |            |

**D. Regional Variances**

No New Brunswick modifications

**E. Associated Documents**

No New Brunswick modifications

**Version History (maintained by NBEUB)**

| Version | NBEUB<br>Approval Date | NB<br>Appendix<br>Effective<br>Date | Change Tracking                                                                                                                                                                                                                                                           | Comments                       |
|---------|------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 0       | 01/21/21               | 07/01/21                            | <ol style="list-style-type: none"><li>1. Replace the term “Bulk Electric System” and its acronym “BES” with “bulk power system” throughout.</li><li>2. Revised Section C to clarify the NBEUB as the entity having the compliance enforcement authority for NB.</li></ol> | Approved by NBEUB, Matter 483. |
|         |                        |                                     |                                                                                                                                                                                                                                                                           |                                |

## **Guidelines and Technical Basis**

### **Introduction**

No New Brunswick modifications

### **Definitions**

No New Brunswick modifications

### **Special Cases**

No New Brunswick modifications

### **Non-Protective Functions**

No New Brunswick modifications

### **Control Functions**

No New Brunswick modifications

### **Extenuating Circumstances**

No New Brunswick modifications

### **Requirement Time Periods**

No New Brunswick modifications

### **Requirement R1**

No New Brunswick modifications

### **Requirement R2**

No New Brunswick modifications

### **Requirement R3**

No New Brunswick modifications

### **Requirement R5**

No New Brunswick modifications

### **Requirement R6**

No New Brunswick modifications

### **Process Flow Chart:**

No New Brunswick modification