

**A. Introduction**

**1. Title:** Time Error Correction

**2. Number:** BAL-004-0

**3. Purpose:**

The purpose of this standard is to ensure that Time Error Corrections are conducted in a manner that does not adversely affect the reliability of the Interconnection.

**4. Applicability:**

**4.1.** Reliability Coordinators

**4.2.** Balancing Authorities

**5. Effective Date:** April 1, 2005

**B. Requirements**

**R1.** Only a Reliability Coordinator shall be eligible to act as Interconnection Time Monitor. A single Reliability Coordinator in each Interconnection shall be designated by the NERC Operating Committee to serve as Interconnection Time Monitor.

**R2.** The Interconnection Time Monitor shall monitor Time Error and shall initiate or terminate corrective action orders in accordance with the NAESB Time Error Correction Procedure.

**R3.** Each Balancing Authority, when requested, shall participate in a Time Error Correction by one of the following methods:

**R3.1.** The Balancing Authority shall offset its frequency schedule by 0.02 Hertz, leaving the Frequency Bias Setting normal; or

**R3.2.** The Balancing Authority shall offset its Net Interchange Schedule (MW) by an amount equal to the computed bias contribution during a 0.02 Hertz Frequency Deviation (i.e. 20% of the Frequency Bias Setting).

**R4.** Any Reliability Coordinator in an Interconnection shall have the authority to request the Interconnection Time Monitor to terminate a Time Error Correction in progress, or a scheduled Time Error Correction that has not begun, for reliability considerations.

**R4.1.** Balancing Authorities that have reliability concerns with the execution of a Time Error Correction shall notify their Reliability Coordinator and request the termination of a Time Error Correction in progress.

**C. Measures**

Not specified.

**D. Compliance**

Not specified.

**E. Regional Differences**

None identified.

## Standard BAL-004-0 — Time Error Correction

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### Version History

Version	Date	Action	Change Tracking
0	April 1, 2005	Effective Date	New
0	August 8, 2005	Removed "Proposed" from Effective Date	Errata

## Standard BAL-004-0 — Time Error Correction

### Appendix QC-BAL-004-0 Provisions specific to the standard BAL-004-0 applicable in Québec

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

#### A. Introduction

1. **Title:** Time Error Correction
2. **Number:** BAL-004-0
3. **Purpose:** No specific provision
4. **Applicability:** No specific provision
5. **Effective Date:**
  - 5.1. Adoption of the standard by the Régie de l'énergie: June 23, 2015
  - 5.2. Adoption of the appendix by the Régie de l'énergie: June 23, 2015
  - 5.3. Effective date of the standard and its appendix in Québec: January 1, 2016

#### B. Requirements

**R1.** The Reliability Coordinator is designated to act as the Interconnexion time monitor for Québec.

#### C. Measures

No specific provision

#### D. Compliance

No specific provision

#### E. Regional Differences

No specific provision

#### Revision History

Revision	Adoption Date	Action	Change Tracking
0	June 23, 2015	New appendix	New