

**Standard Development Roadmap**

*This section is maintained by the drafting team during the development of the standard and will be removed when the standard becomes effective.*

**Development Steps Completed:**

1. The SAR for Project 2007-18 Reliability Based Controls was posted for a 30 day formal comment period on May 15, 2007.
2. A revised SAR for Project 2007-05 Reliability Based Controls was posted for a second 30 day formal comment period on September 10, 2007.
3. The Standards Committee approved Project 2007-18 Reliability Based Controls to be moved to standard drafting on December 11, 2007.
4. The SAR for Project 2007-05 Balancing Authority Controls was posted for a 30 day formal comment period on July 3, 2007.
5. The Standards Committee approved Project 2007-05 Balancing Authority Controls to be moved to standard drafting on January 18, 2008.
6. The Standards Committee approved the merger of Project 2007-05 Balancing Authority Controls and Project 2007-18 Reliability-based Control as Project 2010-14 Balancing Authority Reliability-based Controls on July 28, 2010.
7. The NERC Standards Committee approved breaking Project 2010-14 Balancing Authority Reliability-based Controls into two phases and moving Phase 1 (Project 2010-14.1 Balancing Authority Reliability-based Controls – Reserves) into formal standards development on July 13, 2011.

**Proposed Action Plan and Description of Current Draft:**

This is the first posting of the proposed new standard in accordance with Results-Based Criteria. This proposed draft standard will be posted for a 30-day formal comment period beginning on December ??, 2011 through January ??, 2012.

**Future Development Plan:**

<b>Anticipated Actions</b>	<b>Anticipated Date</b>
1. Second posting	May/June 2012
2. Initial Ballot	June 2012
3. Recirculation Ballot	September 2012
4. NERC BOT adoption.	October 2012

**Definitions of Terms Used in Standard**

*This section includes all newly defined or revised terms used in the proposed standard. Terms already defined in the Reliability Standards Glossary of Terms are not repeated here. New or revised definitions listed below become approved when the proposed standard is approved. When the standard becomes effective, these defined terms will be removed from the individual standard and added to the Glossary.*

**Large Loss Of Load Event:** A unexpected loss of load equal to the greater of 300 MW or two (2) times the MW value of the Balancing Authority's (BA) Frequency Bias Setting within one clock minute by an individual BA or RSG that results in a positive change to Area Control Error (ACE).

**Large Loss Of Load Event Recovery Period:** A period not exceeding 15 clock minutes following the start of the Large Loss of Load Event.

## A. Introduction

1. **Title:** Large Loss of Load Performance
2. **Number:** BAL-013-0
3. **Purpose:** To ensure the Balancing Authority is able to balance resources and demand and return the Balancing Authority's Area Control Error within the defined limits following the loss of a large load.
4. **Applicability:**
  - 4.1. Balancing Authority
  - 4.2. Reserve Sharing Group
5. **(Proposed) Effective Date:**
  - 5.1. In those jurisdictions where regulatory approval is required this standard shall become effective the first calendar day of the first calendar quarter twelve (12) months after applicable regulatory approval.
  - 5.2. In those jurisdictions where no regulatory approval is required this standard shall become effective the first calendar day of the first calendar quarter twelve (12) months after Board of Trustees adoption.

## B. Requirements

- R1. Each Balancing Authority or Reserve Sharing Group shall implement its Contingency Reserve plan to recover from a Large Loss of Load Event. [*Violation Risk Factor:* ] [*Time Horizon:* ]
- R2. Each Balancing Authority or Reserve Sharing Group shall, within the Large Loss of Load Event Recovery Period for all Large Loss of Load Events, return its ACE to zero if its ACE just prior to the Large Loss of Load Event was negative. For positive initial ACE values just prior to the Large Loss of Load Event, the Balancing Authority shall return ACE to its pre-loss of Large Loss of Load Event value to support interconnection frequency. [*Violation Risk Factor:*] [*Time Horizon:* ]

## C. Measures

- M1. Each Balancing Authority or Reserve Sharing Group shall have and provide upon request evidence such as EMS logs or operator's logs either in hardcopy or electronic format showing that it implemented its Contingency Reserve Plan in accordance with Requirement R1.
- M2. Each Balancing Authority or Reserve Sharing Group shall have and provide upon request evidence such as EMS logs either in hardcopy or electronic format that it recovered from a Large Loss of Load Event in accordance with Requirement R2.

## D. Compliance

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

The Regional Entity is the Compliance Enforcement Authority except where the responsible entity works for the Regional Entity. Where the responsible entity works for the Regional Entity, the Regional Entity will establish an agreement with the ERO or another entity approved by the ERO and FERC (i.e. another Regional Entity), to be responsible for compliance enforcement.

**1.2. Data Retention**

The Balancing Authority or Reserve sharing Group shall retain data or evidence to show compliance for the current year plus three calendar years unless directed by its Compliance Enforcement Authority to retain specific evidence for a longer period of time as part of an investigation.

If a Balancing Authority or Reserve Sharing Group is found non-compliant, it shall keep information related to the non-compliance until found compliant or for the time period specified above, whichever is longer.

The Compliance Enforcement Authority shall keep the last audit records and all subsequent requested and submitted records.

**1.3. Compliance Monitoring and Assessment Processes**

Compliance Audits

Self-Certifications

Spot Checking

Compliance Violation Investigations

Self-Reporting

Complaints

Periodic Data Submittals

**1.4. Additional Compliance Information**

None.

**2. Violation Severity Levels**

R #	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1				
R2				

**E. Regional Variances**

None.

**F. Associated Documents**

BAL-013-0 Large Loss of Load Performance Background Document

**Version History**

<b>Version</b>	<b>Date</b>	<b>Action</b>	<b>Change Tracking</b>
0		NERC BOT Adoption	New Standard