

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.
8. The draft standard was posted for 30-day formal industry comment period from June 4, 2012 through July 3, 2012

Proposed Action Plan and Description of Current Draft:

This is the second posting of the proposed new standard. This proposed draft standard will be posted for a 45-day formal comment period beginning on March 12, 2013 through April 25, 2013.

Future Development Plan:

Anticipated Actions	Anticipated Date
1. Second posting	March/April 2013
2. Initial Ballot	April 2013
3. Third posting	July/August 2013
4. Successive ballot	August 2013

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5. Recirculation Ballot	October 2013
6. NERC BOT adoption.	November 2013

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: An unexpected loss of Load greater than or equal to the lesser of the Balancing Authority's Most Severe Single Contingency, or 500 MW, occurring within a rolling one minute interval based on EMS scan rate data by an individual Balancing Authority that results in a positive change to Area Control Error (ACE).

Reserve Sharing Group Reporting ACE¹: At any given time of measurement for the applicable Reserve Sharing Group, the algebraic sum of the ACEs (as calculated at such time of measurement) of all of the Balancing Authorities that make up the Reserve Sharing Group.

¹ This term and definition is identical to the definition in draft 2 of the BAL-002-2 proposed standard.

A. Introduction

1. **Title:** **Large Loss of Load Performance**
2. **Number:** **BAL-013-1**
3. **Purpose:** To ensure the Balancing Authority is able to balance resources and demand and return the Balancing Authority's Area Control Error (ACE) within the defined limits following a Large Loss of Load Event.
4. **Applicability:**
 - 4.1. Balancing Authority.
 - 4.1.1 A Balancing Authority that is a member of a Reserve Sharing Group is the Responsible Entity only in periods during which the Balancing Authority is not in active status under the applicable agreement or governing rules for the Reserve Sharing Group.
 - 4.2. Reserve Sharing Group.
5. **(Proposed) Effective Date:**
 - 5.1. First day of the first calendar quarter that is twelve months beyond the date that this standard is approved by applicable regulatory authorities, or in those jurisdictions where regulatory approval is not required, the standard becomes effective the first day of the first calendar quarter that is twelve months beyond the date this standard is approved by the NERC Board of Trustees', or as otherwise made pursuant to the laws applicable to such ERO governmental authorities.

B. Requirements

- R1. The Responsible Entity shall correct its ACE following each Large Loss of Load Event within 15 minutes of the event resulting from an amount of lost load equal to the lesser of the Responsible Entity's Most Severe Single Contingency or 500 MW, as follows: *[Violation Risk Factor: Medium][Time Horizon: Real-time Operations]*
 - If the Responsible Entity's ACE value just prior to a Large Loss of Load Event is negative or equal to zero, the Responsible Entity shall return its ACE to zero.
 - If the Responsible Entity's ACE value just prior to a Large Loss of Load Event is positive, the Responsible Entity shall return its ACE to its pre-event value.

C. Measures

- M1. The Responsible Entity shall have, and provide upon request, evidence such as computer logs or operator's logs with date and time of occurrence, either in hardcopy or electronic format, showing that it corrected its ACE in accordance with Requirement R1.

D. Compliance

1. Compliance Monitoring Process

1.1. Compliance Enforcement Authority

As defined in the NERC Rules of Procedure, “Compliance Enforcement Authority” means NERC or the Regional Entity in their respective roles of monitoring and enforcing compliance with the NERC Reliability Standards.

1.2. Data Retention

The Responsible Entity shall retain data or evidence to show compliance for the current year plus three previous 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 Responsible Entity is found noncompliant, it shall keep information related to the noncompliance 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

1.4. Additional Compliance Information

None.

2. Violation Severity Levels

R #	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1	The Responsible Entity recovered from a Large Loss of Load Event but recovered in more than 15 minutes but less than or equal to 25 minutes.	The Responsible Entity recovered from a Large Loss of Load Event but recovered in more than 25 minutes but less than or equal to 35 minutes.	The Responsible Entity recovered from a Large Loss of Load Event but recovered in more than 35 minutes but less than or equal to 45 minutes.	The Responsible Entity recovered from a Large Loss of Load Event but recovered in more than 45 minutes.

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E. Regional Variances

None.

F. Associated Documents

BAL-013-1 Large Loss of Load Performance Background Document

Version History

Version	Date	Action	Change Tracking
0		NERC BOT Adoption	New Standard