

## Implementation Plan

### Project 2017-01 Modifications to BAL-003 - Phase II Reliability Standard BAL-003-3

#### Applicable Standard(s)

- Standard BAL-003-3 — Frequency Response and Frequency Bias Setting

#### Requested Retirement(s)

- Standard BAL-003-2 — Frequency Response and Frequency Bias Setting

#### Applicable Entities

- Responsible Entity
  - Balancing Authority
    - Balancing Authority is the responsible entity unless the Balancing Authority is a member of a Frequency Response Sharing Group, in which case, the Frequency Response Sharing Group becomes the responsible entity.
  - Frequency Response Sharing Group
- Generator Operator
- Generator Owner

#### Modified Terms in the NERC Glossary of Terms

This section includes all newly defined, revised, or retired terms used or eliminated in the NERC Reliability Standard. 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.

#### Proposed Definition(s):

**Governor**      The electronic, digital, or mechanical device that implements Primary Frequency Response of generating units/generating facilities or other system Elements.

#### Proposed Definition(s):

**Resource Primary Frequency Response**      The immediate proportional increase or decrease in real power output provided by generating units/generating facilities and the natural real power dampening response provided by Load in response to system Frequency Deviations. This response is in the direction that stabilizes frequency.

## Background

The BAL-003-3 Phase II portion of the project revises the BAL-003-2 standard and process documents to address: (1) Real-time aspects of Frequency Response necessary to maintain reliability; (2) ensure comparability of and applicability to the appropriate entities; (3) develop measurements to incorporate Real-time resource and load characteristics; and (4) ensure equitability of performance measures.

The Reliability Standard revisions reflect the expectation that obligations associated with reporting FRM will eventually transition from occurring under the Reliability Standard and occur under a request issued pursuant to NERC Rules of Procedure (ROP), Section 1600 – Request for Data or Information, subject to NERC Board of Trustees (Board) approval. This is similar to transition for misoperations data collection effected under PRC-004-3.<sup>1</sup> Data submission would continue under the present process until any Section 1600 data request could be issued pursuant to the rules under the NERC ROP.

## General Considerations

Reporting associated with Reliability Standard BAL-003-3 is anticipated for eventual transition from its present structure to a formal Section 1600 Request for Data for Information, subject to approval by the NERC Board. While that development process is pending, information exchange should continue under the existing method.

## Effective Date

**Reliability Standard BAL-003-3, Requirement R5**, shall become effective on the first day of the first calendar quarter that is twenty-four (24) months after the date that the standard is approved by an applicable Governmental Authority or as otherwise provided for in a jurisdiction where approval by an applicable Governmental Authority is required for a standard to go into effect. Where approval by an applicable Governmental Authority is not required, BAL-003-3 shall become effective on the first day of the first calendar quarter that is twenty-four (24) months after the date the standard is adopted by the NERC Board or as otherwise provided for in that jurisdiction.

**Reliability Standard BAL-003-3, Requirements R1, R2, R3, and R4**, shall become effective on the first day of the first calendar quarter that is twelve (12) months after the date that the standard is approved by an applicable Governmental Authority or as otherwise provided for in a jurisdiction where approval by an applicable Governmental Authority is required for a standard to go into effect. Where approval by an applicable Governmental Authority is not required, BAL-003-3 shall become effective on the first day of the first calendar quarter that is twelve (12) months after the date the standard is adopted by the NERC Board or as otherwise provided for in that jurisdiction.

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<sup>1</sup>

[https://www.nerc.com/pa/Stand/Project%20201005%20Protection%20System%20Misoperations%20DL/PRC\\_004\\_3\\_Implementati on\\_Plan\\_Draft\\_5\\_2014\\_05\\_16\\_Clean.pdf](https://www.nerc.com/pa/Stand/Project%20201005%20Protection%20System%20Misoperations%20DL/PRC_004_3_Implementati on_Plan_Draft_5_2014_05_16_Clean.pdf)

### **Definition**

Where approval by an applicable Governmental Authority is required, the definitions “Governor” and “Resource Primary Frequency Response” shall become effective on the first day of the first calendar quarter that is twelve (12) months after the effective date of the applicable governmental authority’s order approving Reliability Standard BAL-003-3, or as otherwise provided for by the applicable governmental authority.

Where approval by an applicable Governmental Authority is not required, the definitions “Governor” and “Resource Primary Frequency Response” shall become effective on the first day of the first calendar quarter that is twelve (12) months after the date that Reliability Standard BAL-003-3 is adopted by the NERC Board, or as otherwise provided for in that jurisdiction.

### **Retirement Date**

Reliability Standard BAL-003-2 shall be retired immediately prior to the effective date of BAL-003-3 in the particular jurisdiction in which the revised standard is becoming effective.