

Implementation Plan

Project 2022-03 Energy Assurance with Energy-Constrained Resources | Reliability Standard BAL-007-1 and TOP-003-7

Applicable Standard(s)

- BAL-007-1 – Near-term Energy Reliability Assessments
- TOP-003-7 – Transmission Operator and Balancing Authority Data and Information Specification and Collection

Requested Retirement(s)

- TOP-003-6.1 – Transmission Operator and Balancing Authority Data and Information Specification and Collection

Prerequisite Standard(s)

These standard(s) or definitions must be approved before the Applicable Standard becomes effective:

- None

Applicable Entities

- Balancing Authority
- Transmission Operator
- Generator Owner
- Generator Operator
- Transmission Owner
- Distribution Provider

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 New Definition(s):

Energy Reliability Assessment:

Assessment of the resources necessary to reliably supply the Electrical Energy required to serve Demand

and to provide Operating Reserves for the Bulk Power System throughout the associated Assessment period.

Near-Term Energy Reliability Assessment:

An Energy Reliability Assessment with an assessment period that begins no later than two days after the operating day and has a minimum duration of five days and a maximum duration of six weeks.

Background

Energy assurance is an increasingly important aspect of a reliable Bulk-Power System (BPS) but has been inconsistently defined and measured without explicit standards. Project 2022-03 Energy Assurance with Energy-Constrained Resources was initiated to address several energy assurance concerns related to the operations, operations planning, and mid- to long-term planning time horizons. Reliability Standard BAL-007-1 – Energy Reliability Assessments is focused on the operations planning time horizon.

BAL-007-1 Reliability Standard

Where approval by an applicable governmental authority is required, Reliability Standard BAL-007-1 shall become effective on the first day of the first calendar quarter that is 24 months after the effective date of the applicable governmental authority's order approving the standard, or as otherwise provided for by the applicable governmental authority.

Where approval by an applicable governmental authority is not required, the standard shall become effective on the first day of the first calendar quarter that is 24 months after the date the standard is adopted by the NERC Board of Trustees, or as otherwise provided for in that jurisdiction.

Definitions

Where approval by an applicable governmental authority is required, the definitions of Energy Reliability Assessment and Near-term Energy Reliability Assessment shall become effective on the first day of the first calendar quarter that is 24 months after the effective date of the applicable governmental authority's order approving Reliability Standard BAL-007-1, or as otherwise provided for by the applicable governmental authority.

Where approval by an applicable governmental authority is not required, the standard shall become effective on the first day of the first calendar quarter that is 24 months after the date that Reliability Standard BAL-007-1 is adopted by the NERC Board of Trustees, or as otherwise provided for in that jurisdiction.

TOP-003-7 Reliability Standard

Where approval by an applicable governmental authority is required, Reliability Standard TOP-003-7 shall become effective on the first day of the first calendar quarter that is 18 months after the effective date of the applicable governmental authority's order approving the standard, or as otherwise provided for by the applicable governmental authority.

Where approval by an applicable governmental authority is not required, the standard shall become effective on the first day of the first calendar quarter that is 18 months after the date the standard is adopted by the NERC Board of Trustees, or as otherwise provided for in that jurisdiction.