NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Proposed Errata or Non-Substantive Revisions to Glossary Terms

Project 2015-04 – Alignment of Terms

Based on the comments received from industry, the drafting team elected to make errata or non-substantive revisions to four (4) of the alignment revisions that were posted for initial ballot. These errata or non-substantive revisions are minor in nature and do not change the meaning or application of any of the defined terms.

Term 6: Bulk-Power System

Existing definition

A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy.

Proposed alignment revisions (Initial ballot)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

Proposed alignment revisions (Redline of initial ballot revisions)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. ~~(In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)~~ (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Proposed alignment revisions (Redline of existing definition)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Term 40: Reliability Standard

Existing definition

A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Proposed alignment revisions (Initial Ballot)

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk- Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk- Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk- Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Proposed alignment revisions (Redline of initial ballot revisions)

A requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Proposed alignment revisions (Redline of existing definition)

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk- Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk- Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk- Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Term 41: Reliable Operation (redline)

Existing definition

Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

Proposed alignment revisions (Initial ballot)

Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Proposed alignment revisions (Redline of initial ballot revisions)

Operating the elements of the ~~bulk-power system [~~Bulk Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Proposed alignment revisions (Redline of existing definition)

Operating the elements of the ~~bulk-power system [~~Bulk- Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

Term 48: System Operating Limit (redline)

Existing definition

The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings)
- Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits)
- Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability)
- System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)

Proposed alignment revisions (Initial Ballot)

The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

Proposed alignment revisions (Redline of initial ballot revisions)

The value (such as MW, ~~MVar~~Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (applicable pre- and post-Contingency Equipment Ratings or Facility Ratings)
- transient stability ratings (applicable pre- and post-Contingency stability limits)
- voltage stability ratings (applicable pre- and post-Contingency voltage stability)
- system voltage limits (applicable pre- and post-Contingency voltage limits)

Proposed alignment revisions (Redline of existing definition)

The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)