

Technical Rationale for Reliability Standard

TOP-002-4

April 20, 2020

TOP-002-4 – Operations Planning

Rationale:

During development of this standard, text boxes were embedded within the standard to explain the rationale for various parts of the standard. Upon BOT approval, the text from the rationale text boxes was moved to this section.

Rationale for Definitions:

Changes made to the proposed definitions were made in order to respond to issues raised in NOPR paragraphs 55, 73, and 74 dealing with analysis of SOLs in all time horizons, questions on Protection Systems and Special Protection Systems in NOPR paragraph 78, and recommendations on phase angles from the SW Outage Report (recommendation 27). The intent of such changes is to ensure that Real-time Assessments contain sufficient details to result in an appropriate level of situational awareness. Some examples include: 1) analyzing phase angles which may result in the implementation of an Operating Plan to adjust generation or curtail transactions so that a Transmission facility may be returned to service, or 2) evaluating the impact of a modified Contingency resulting from the status change of a Special Protection Scheme from enabled/in-service to disabled/out-of-service.

Rationale for R1:

Terms deleted in Requirement R1 as they are now contained in the revised definition of Operational Planning Analysis.

Rationale for R2:

The change to Requirement R2 is in response to NOPR paragraph 42 and in concert with proposed changes made to proposed TOP-001-4.

Rationale for R3:

Changes in response to IERP recommendation.

Rationale for R4 and R5:

These Requirements were added to address IERP recommendations.

Rationale for R6 and R7:

Added in response to SW Outage Report recommendation 1.