

Compliance Application Notice — 0027

Compliance Application: TOP-003¹ R1.1 and R2 Generator Outages

Posted [DATE]

Primary Interest Groups

NERC

Regional Entities

Balancing Authorities (BA)

Generator Operators (GOP)

Transmission Operators (TOP)

Reliability Coordinators (RC)

Issue: Clarification of whether TOP-003 R2 requires the BA to plan and coordinate scheduled outages of generators within its area

NERC received a request to clarify whether the TOP-003 Requirement (R) 2 requires the BA to plan and coordinate scheduled outages of generators within the BA's area.

Reliability Objective

The reliability objective is to ensure that generator and transmission outages are planned and coordinated among BAs, TOPs, and RCs.

Background

TOP-003 *Planned Outage Coordination* R2 requires that each TOP, BA and GOP shall plan and coordinate scheduled outages of system voltage regulating equipment among affected BAs and TOPs as required. Although a BA has no system voltage regulating equipment, knowledge of scheduled outages of system voltage regulating equipment supports the reliable operation of the BA's area.

Compliance Application

TOP-003 R2 provides:

R2. Each Transmission Operator, Balancing Authority, and Generator Operator shall plan and coordinate scheduled outages of system voltage regulating equipment, such as automatic voltage regulators on generators, supplementary excitation control, synchronous condensers, shunt and series capacitors, reactors, etc., among affected Balancing Authorities and Transmission Operators as required.

¹ Version 0 became enforceable on June 18, 2007 and is the version of the standard effective in the United States. Version 1 of the standard was approved by the NERC Board of Trustees on October 17, 2008 and went into effect for the Canadian Provinces, pursuant to each Canadian Province's Memorandum of Understanding, on April 1, 2009. Version 1 will become effective in the United States the first day of the first calendar quarter, three months after FERC approval.

Since the reliable operation of the BA's area is dependent on system voltage regulating equipment, the BA shall be knowledgeable of the planning and coordination of scheduled outages of system voltage regulating equipment, such as automatic voltage regulators on generators, supplementary excitation control, synchronous condensers, shunt and series capacitors, reactors, etc. with affected BAs and TOPs as required.

The GOP is responsible for providing to the TOP information associated with scheduled *generator outages* planned for the next day based on outage reporting requirements established by the TOP in accordance with TOP-003 Requirement R1.1, which states:

R1.1. Each Generator Operator shall provide outage information daily to its Transmission Operator for scheduled generator outages planned for the next day (any foreseen outage of a generator greater than 50 MW). The Transmission Operator shall establish the outage reporting requirements.

It is the TOP's responsibility to plan and coordinate scheduled outages of generators within the BA's area.

Effective Period for CAN

This CAN covers Versions 0 and 1 of the standard; it is effective upon posting on the NERC web site and will remain in effect until such time that a future version of the standard or interpretation addresses this specific issue and is enforceable.

Providing Evidence of Compliance

TOPs and GOPs must be able to provide an auditor or Compliance Enforcement Authority evidence that they planned and coordinated scheduled outage information for system voltage regulating equipment such as synchronous condensers, shunt and series capacitors, reactors, automatic voltage regulators on generators and supplementary excitation control.

BAs must be able to provide evidence that communication took place with TOPs regarding planning and coordination of scheduled outage information.

For more information please contact:

Michael Moon
Director of Compliance Operations
michael.moon@nerc.net
404-446-2567

Valerie Agnew
Manager of Compliance Standards Interface and Outreach
valerie.agnew@nerc.net
404-446-2566

Caroline Clouse
Interface and Outreach Specialist
caroline.clouse@nerc.net
609-651-7723

This document is designed to convey compliance guidance from NERC's various activities. It is not intended to establish new requirements under NERC's Reliability Standards or to modify the requirements in any existing NERC Reliability Standards. Compliance will continue to be determined based on language in the NERC Reliability Standards as they may be amended from time to time. Implementation of this compliance application notice is not a substitute for compliance with requirements in NERC's Reliability Standards.