

Meeting Agenda

Project 2012-INT-02 Interpretation of TPL-003-0a and TPL-004-0 for SPCS

March 14, 2012 | Noon to 2:00 p.m. ET
Conference Call and ReadyTalk Webinar

Call-in: 866.740.1260 | Access code: 1326651 | Security code: 041513

Administrative

1. **Introductions**
2. **NERC Antitrust Compliance Guidelines and Public Announcement***
3. **Review Current Team Roster***
4. **Review Meeting Agenda and Objectives**

Agenda

1. **Elect Team Chair**
2. **Work on the Interpretation**
 - a. Review Bill Middaugh's suggested language*
 - b. Draft response to Request for Interpretation questions
3. **Schedule**
4. **Action Items or Assignments**
5. **Future Meeting(s)**

Remote or in-person? (To be determined – Tampa, FL at FRCC April 10, 2012)
6. **Adjourn**

*Please see attached

NERC Antitrust Guidelines

It is NERC’s policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition. It is the responsibility of every NERC participant and employee who may in any way affect NERC’s compliance with the antitrust laws to carry out this commitment.

Disclaimer

Participants are reminded that this conference call is public. The access number was (may have been) posted on the NERC website and widely distributed. Speakers on the call should keep in mind that the listening audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

Team Roster

	Participant	Entity
NERC staff	Scott Barfield-McGinnis	North American Electric Reliability Corporation
FERC staff	Eugene Blick	Federal Energy Regulatory Commission
	Douglas Hohlbaugh	FirstEnergy Corp.
	R. W. Mazur	Manitoba Hydro
	Bill Middaugh	Tri-State Generation and Transmission
	John E. Odom	Florida Reliability Coordinating Council
	Robert Pierce	Duke Energy
	Patrick Sorrells	Sacramento Municipal Utility District
NERC staff	Phil J. Tatro	North American Electric Reliability Corporation
	John Zipp	ITC Holdings

Schedule (Gantt available online)

Activity	Planned Completion
Draft Interpretation	May 2012
Team Call	March 14, 2012
Team Call	March 29, 2012
In-Person Meeting (TBD)	April 10, 2012
Quality Review	June 2012
30-day Formal Comment Period	August 2012
Respond to Comments	October 2012
Initial Ballot	November 2012
Recirculation Ballot	February 2013
BOT Approval	May 2013
Regulatory Filing	July 2013

Bill Middaugh's suggestion – March 2, 2012

Response 1: TPL-003-0a requirement R1.3.1 and TPL-004-0 Requirement R1.3.1 gives the entity the option of evaluating the effects of either a stuck breaker or a protection system failure, whichever would produce the more severe results or impacts. However, if only one contingency is evaluated the entity must be able to provide the rationale for the contingency selected and will be responsible for an explanation of why the excluded option would produce less severe system results. If no other conclusive evidence is available, initial and possibly future periodic evaluations of both options may be required to ensure that the aforementioned rationale and explanation are available. Bus configurations and elements removed from service due to local or remote backup clearing must be considered while determining whether a stuck breaker or a protection system failure is more severe.

Response 2: The term "Delayed Clearing" that is described in Table 1, footnote (e) refers to fault clearing that results from a failure of the fastest expected fault clearing time, based on the as-built design. That Delayed Clearing may be the result of local breaker failure protection, local delayed clearing backup protection (e. g., a communication-aided primary Protection System failure that has a delayed overcurrent or impedance backup protection system component), or remote protection system component operation. TPL-003-0a requirement R1.3.1 and TPL-004-0 Requirement R1.3.1 respectively require that Category C contingencies 6-9 and Category D contingencies 1-4 be evaluated with delayed clearing that produces the more severe system results or impacts. As such, the extent to which a single point of failure of a protection system component must be modeled is the single

component failure that would result in the longest clearing time of the modeled fault. While the battery/DC system are included in the definition of Protection System, its failure to operate is generally excluded from single point of failure definitions. The NERC definition of Protection System also excludes the circuit breaker except for the trip coils(s) and associated wiring. That would mean that mechanical failures would be considered stuck breaker rather than protection system failures with regard to Delayed Clearing.