

## Meeting Notes

### Project 2015-03 Periodic Review of System Operating Limit Standards Periodic Review Team

March 17, 2015 | 8:00 a.m. – 5:00 p.m. Eastern

March 18, 2015 | 8:00 a.m. – 5:00 p.m. Eastern

Orlando Utilities Commission  
6003 Pershing Avenue  
Orlando, FL 32822

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#### Administrative

##### 1. Introductions

The chair called the meeting to order at 8:00 a.m. Eastern, March 17, 2015. Participants were:

Members			
Name	Company	Name	Company
Jason Smith, Chair	Southwest Power Pool	Vic Howell, Vice Chair	Peak Reliability
Dede Subakti	CAISO	David Bueche	CenterPoint
Ruth Kloecker	ITC Holdings	David Hislop	PJM Interconnection
Dean LaForest	ISO New England	Aaron Staley	Orlando Utilities Commission
Baj Agrawal	Arizona Public Service Company	Linwood Ross	Duke Energy
Michael Steckelberg	Great River Energy		
Mark Olson	NERC	Ryan Stewart	NERC

Observers			
Name	Company	Name	Company
Kumar Agarwal	FERC	Robert DeMelo	Seminole Electric Coop
Stephen Solis	ERCOT	Bret Galbraith (Remote)	Seminole Electric Coop
Art Nordlinger	Tampa Electric	Hugues Balde	City of Tallahassee
Ed Mora	Tampa Electric	Dennis Fuentes (Remote)	FERC

**2. Determination of Quorum**

The rule for NERC Standard Drafting Team (SDT or team) states that a quorum requires two-thirds of the voting members of the SDT. Quorum was achieved with 11 of 11 total members participating.

**3. NERC Antitrust Compliance Guidelines and Public Announcement**

NERC Antitrust Compliance Guidelines and public announcement were reviewed by Mark Olson. There were no questions raised. Participant conduct policy was reviewed.

**4. Administrative and Safety**

Building evacuation plan, emergency procedures, and office layout were reviewed by Aaron Staley.

**Agenda**

1. **Chair Introductory Remarks.** Jason Smith welcomed the team and observers. He reviewed the agenda.
2. **Discuss and Revise Periodic Review Recommendation (PRR) for FAC-010-3.** The draft PRR was reviewed.
  - a. The team discussed potential overlap with requirements in TPL-001-4. A draft document that maps the redundancy has been developed by the team. The team generally agrees that TPL-001 covers the necessary aspects for reliability planning in the planning horizon and that FAC-010 does not provide an additional reliability benefit. David Hislop pointed out that mapping individual requirements between the two standards is difficult.
  - b. Stephen Solis stated that there was no value in requiring the use of SOLs in the planning horizon. Several members of the team agreed. The team discussed and agreed that under the current standards there is potential for disagreement in SOLs in the planning and operating time horizons. The team recognized that there is valuable information from the planning horizon that operators need to get from the planners, but the existing FAC-010 standard does

not capture that information. The team also agreed that some standards rely on the communication of Interconnection Reliability Operating limits that are determined in the planning horizon, including CIP Version 5 and FAC-003 vegetation management.

- c. An action item was taken for Dean LaForest, Mike Steckelberg, and Baj Agrawal to revise the PRR based on the discussion for review in future meetings.

**3. Discuss and Revise PRR for FAC-011-3.** The draft PRR was reviewed.

- a. The team discussed in general the value of having a standard that requires a methodology. Jason Smith stated that the standard was administrative and not results-based since it specifies that the entities must have a methodology. Dean LaForest argued that it was important, helping achieve consistency and assuring that SOLs were determined correctly.
- b. It was agreed that limits are always changing in real-time because of the dynamic nature of the system. System operators monitor all of the limits described in the current definition (facility rating, voltage, stability). Proposed standards should reflect this reality.
- c. Vic Howell suggested that improved definitions of SOL, and a new definition for SOL Exceedance, could clarify the meaning and prevent confusion. The team discussed the Project 2014-03 SOL White Paper and a need for consistency. Several members also believed the definition of IROL needed clarification. Stephen Solis said he was comfortable as an RC with the definition. Vic Howell pointed out that since the definition included any instability as an IROL, it could lead to bad actions. The team agreed that a recommendation to clarify the definition of IROL, or develop additional requirements to clarify its application, should be made in the PRR. Vic Howell presented proposed definitions for SOL and SOL Exceedance, and the team agreed to include them in the PRR.
- d. Team members agreed that requirements for developing SOLs according to a methodology should be combined with requirements to communicate SOLs into a single standard.
- e. The team compared the contingencies in FAC-011 with the contingencies used in the planning analysis (TPL-001). It was agreed that the PRR should include consideration to update the contingencies in FAC-011 to agree with appropriate contingencies from TPL-001 Table 1.
- f. The team agreed that ambiguous terms 'some local customers' in R2.3.1 should be clarified in a revision.
- g. An action item was taken for Mark Olson to make revisions based on discussion and send to the team.

**4. Discuss and Revise PRR for FAC-014-2.** The draft PRR was reviewed.

- a. The team agreed that the FERC directive in Order 777 para 41 should be addressed in revised FAC standards.
- b. The team discussed the overlap and shared compliance aspects of R1 and R2. It was agreed that the requirements should be revised to be clearer.

- c. Vic Howell stated that the standards should clearly specify which entities are responsible for determining which type of limits (facility, voltage, stability).
  - d. An action item was taken for Mark Olson to make revisions based on discussion and send to the team.
5. **Discuss next steps and project schedule.** The team agreed to a conduct a conference call on March 31 to review the revised PRRs. An action item was taken for Mark Olson to develop an initial draft Standards Authorization Request based on the PRRs and send to the team. The next meeting was scheduled for Taylor, TX (ERCOT) April 21-22. The team agreed to a milestone for posting the PRRs and draft SAR for 45-day comment period beginning May 4, 2015. An action item was taken for Mark Olson to send the project and meeting schedule to the team.
6. The chair adjourned the meeting at 4:15 pm March 18, 2015.