

## Meeting Notes Project 2015-09 SOL Standard Drafting Team

February 15, 2017 | 8:00 a.m. – 5:00 p.m. MT  
 February 16, 2017 | 8:00 a.m. – 5:00 p.m. MT  
 February 17, 2017 | 7:30 a.m. – 11:00 a.m. MT

Xcel Energy Office – 2<sup>ND</sup> Floor Board Room  
 1800 Larimer Street  
 Denver, CO

### Administrative

#### 1. Introductions and Chair’s Remarks

The meeting was brought to order by Darrel Richardson at 8:00 a.m. MT, Wednesday, February 15, 2017. Chair Vic Howell welcomed the team and observers. Hari Singh provided an overview of the facilities. Participants in attendance were:

Name	Company	Member/ Observer
Vic Howell (chair)	Peak	Member
Hari Singh (Vice-chair)	Xcel Energy	Member
David Bueche	CenterPoint Energy	Member
Sean Erickson	WAPA	Observer
David Hislop	PJM	Member
Sam Jaeger	IESO	Member
Dean LaForest	ISO New England	Member
Ken Lanehome	BPA	PMOS Observer

Name	Company	Member/ Observer
Thomas Leslie	Georgia Transmission	Member
Eugene Blick	FERC	Observer
Darrell Piatt	FERC	Observer
Stephen Solis	ERCOT	Member
Aaron Staley	OUC	Member
Dede Subakti	CA ISO	Member
Guy Zito	NPCC	Observer
Mike Steckelberg (phone)	Great River Energy	Observer
Dan Quintas (phone)	MRO	Observer
Toney Rowan (phone)	MISO	Observer
Darrel Richardson	NERC	NERC Staff
Shamai Elstein	NERC	NERC Staff
Soo Jin Kim	NERC	NERC Staff

**2. Determination of Quorum**

The rule for NERC Standard Drafting Team (SDT) states that a quorum requires two-thirds of the voting members of the SDT to be physically present. A quorum was achieved as all ten of the ten members were present.

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

NERC Antitrust Compliance Guidelines and public disclaimer were reviewed by Darrel Richardson. There were no questions.

#### 4. Review Meeting Agenda and Objectives

Chair Howell reviewed the agenda. There were no additions or objections.

### Agenda Items

#### 1. MEITF Update

Ryan Quint provided an update on the MEITF effort. He stated that the IROL was to be a predefined limit based on a historical study.

#### 2. Project Timeline

Darrel Richardson and Soo Jin Kin discussed a proposed timeline for the project. They also informed the group that the timeline may be adjusted once they had a better feel for the scope of the project. The project has been broken into two phases: 1) a phase that deals with the SOL issues; and, 2) a phase the deals with the IROL issues. Soo Jin also stated that this team would disband after the SOL portion was completed.

#### 3. Open Action Items

- a. Review action item list  
There were no active action items to be reviewed.
- b.

#### 4. Review FAC-010-3

There was a rather lengthy discussion on FAC-010. The SDT developed a problem statement which reads:

There are no requirements to provide alignment and continuity of the Facility Ratings, steady state voltage limits, and stability criteria between the planning horizon and the operations horizon.

The RC and the PC shall jointly develop and implement stability criteria for use in the RC's SOL Methodology and the PC's Planning Assessments. The stability criteria used for the planning assessment shall be the same or more limiting

There was a small team put together to review FAC-010 and investigate duplication within other standards.

FERC observers noted that their concern with eliminating FAC-010 was that there would be no linkage between the planning horizon and the operations horizon.

#### 5. Review FAC-011-4

The team reviewed the proposed FAC-011. The team agreed that Requirements R1 through R6 were okay as written. They felt that Requirement R7 needed additional work. Stephen Solis agreed to provide a draft by the next meeting.

The team assigned rationales to be developed to the following individuals:

- Requirement R1 – Thomas Leslie
- Requirement R2 – David Hislop/David Bueche
- Requirement R3 – David Hislop/David Bueche
- Requirement R4 – Dean LaForest/Sam Jaeger
- Requirement R5 – Dean LaForest/Sam Jaeger
- Requirement R6 – Okay as written.
- Requirement R7 – Stephen Solis

Vic Howell volunteered to provide a draft of the mapping document for FAC-011.

Stephen Solis, Dede Subakti and Darrel Richardson will work to provide a draft of the VRFs, VSLs and timelines for FAC-011.

## **6. Review FAC-014-4**

The team reviewed the proposed FAC-014. The team agreed that Requirements were okay as written. The team assigned rationales to be developed to the following individuals:

- Requirement R1 – Vic Howell
- Requirement R2 – Vic Howell
- Requirement R3 – Dean LaForest
- Requirement R4 – Vic Howell
- Requirement R5 – Stephen Solis/Sam Jaeger
- Requirement R6 – David Hislop

Hari Singh volunteered to provide a draft of the mapping document for FAC-014.

Stephen Solis, Dede Subakti and Darrel Richardson will work to provide a draft of the VRFs, VSLs and timelines for FAC-014.

## **7. Review Definitions**

The team reviewed the proposed definition for SOL and made minor modifications. FERC observers noted that they disagreed with revising the current definition.

The review of SOL Exceedance and System Voltage Limits was tabled until the next meeting.

## **8. New Assignments/Action Items**

**9. Future Meetings**

- a. Conference Call
  - i. March 10, 2017 10:00 a.m. – 1:00 p.m. ET
  - ii. March 24, 2017 10:00 a.m. – 1:00 p.m. ET
- b. Meeting
  - i. April 4 – 6, 2017  
NERC Office – Atlanta, GA

**10. Adjourn**