

REVISIONS TO TOP/IRO RELIABILITY STANDARDS

Meeting Notes

1. Introduction

The Chair called the meeting to order at 8:00 a.m. on Tuesday, July 22, 2014 at the MISO offices in Carmel, IN. Meeting participants were:

Members		
David Bueche, CenterPoint	Jim Case, Entergy	Bruce Larsen, WE
Jason Marshall, ACES	Andy Pankratz, FPL, Vice Chair	Bert Peters, APS
Robert Rhodes, SPP	Eric Senkowicz, FRCC	Dave Souder, PJM, Chair
Kevin Sherd, MISO		
Observers		
Eugene Blick, FERC	Vic Howell, Peak Reliability	Laura Hussey, NERC
Mark Olson, NERC	Darrell Piatt, FERC	Deborah Scott, APS
Dede Subakti, CAISO	Stacey Tyrewala, NERC	

2. Logistics and Safety Information

Kevin Sherd provided the local logistics and safety information.

3. Determination of Quorum

The rule for NERC Standard Drafting Teams (SDT) states that a quorum requires two-thirds of the voting members of the SDT to be physically present. A Quorum was established.

4. NERC Antitrust Compliance Guidelines and Public Announcement

The NERC Antitrust Compliance Guidelines and public announcement were delivered.

5. SDT Participant Conduct Policy

The SDT participant conduct policy was explained.

6. SDT E-mail List Policy

The SDT e-mail list policy was provided.

7. Membership Changes and Roster Updates

Jim Case has a new phone number. The revised roster was provided to SDT members.

8. Review Agenda and Objectives

The agenda was approved as published.

The objective of the meeting was to complete the comment responses while preparing issues to be delivered to the upcoming Technical Conference.

9. Comments from FERC Staff

There were no preliminary comments from FERC staff.

10. Report on Webinar

Dave Souder reported that the webinar was well attended and seemed to go well. It was scheduled for early in the posting period which may have been why the number of questions was somewhat lower than expected. The prepared slide deck worked nicely.

11. Report on Communication Outreach Efforts

- a. Rhodes/Senkowicz: NERC Operating Reliability Subcommittee (ORS) in Toronto on May 6-7
The presentation went well and the provided slide deck was used. There was also a follow-up conference call where Dave also took part. The next meeting is in September at WECC and the SDT can get on that agenda if needed.
- b. Rhodes/Klassen: SPP Operating Reliability Working Group (ORWG) on May 8
Allen Klassen supplemented the slide deck to focus on local issues. This is a monthly conference call and the SDT can get on the agenda at any time.
- c. Bueche: ERCOT NSRS (NERC Standards Review Sub-Committee) on May 12
The slide deck was used and went over well. This is a bi-weekly conference call and the SDT can get on the agenda when needed.
- d. Souder: RFC Reliability Committee at MISO on May 13
The presentation was well received. The SDT can get on a future agenda when needed.
- e. Sherd: MISO Reliability Subcommittee at MISO on May 14
The slide deck was used and worked well. This is a monthly meeting and the SDT has an open invitation to join when needed. Kevin Sherd also did a presentation for the MRO Standards Task Force on June 11.
- f. Souder: NPCC Task Force Coordinated Operations on May 14 or 15 (via conference call)
The presentation was well received. The SDT can get on a future agenda when needed.
- g. Souder: PJM Reliability Standards and Compliance Subcommittee at PJM on May 15
The presentation was well received. The SDT can get on a future agenda when needed.
- h. Pankratz: FRCC ORS Meeting in Tampa, FL on May 20-21
The presentation was well received. FRCC members agreed on a joint response. The SDT has an open invitation to join a future agenda when needed.
- i. Pankratz: FRCC OC Meeting in Tampa, FL on June 5
The presentation was well received. FRCC members agreed on a joint response. The SDT has an open invitation to join a future agenda when needed.
- j. Souder: NERC Operating Committee and NERC Planning Committee in Orlando, FL on June 10-11
The presentation was well received. The Planning Committee questioned the role of the Planning Coordinator in proposed IRO-017-1. The SDT can get on a future agenda when needed.
- k. Marshall: Transmission Forum in Atlanta on June 11-12

This presentation didn't happen. No SDT member actually attends Transmission Forum meetings.

- l. Russell: NPCC OC on June 18-19
Kyle Russell was unable to attend this meeting and no report was available.
- m. Sherd: MRO NSRF – as per agenda
The slide deck was used and worked well. This is a monthly meeting and the SDT has an open invitation to join when needed.
- n. Case: SERC OC Review Group – as per agenda
There is no regular schedule for this group to meet.
- o. Howell/Peters: WECC Operating Committee in Salt Lake City on July 15-16
The presentation did not provoke many questions or comments.

Dave Souder and Laura Hussey also presented to NRECA on May 22 and Dave Souder made a presentation to the ISO/RTO Council on June 2. No other groups were identified for outreach possibilities. SDT members are encouraged to schedule a presentation with the above cited groups after the second posting. A slide deck will be prepared for the Technical Conference in August and then made available for SDT members to use. The emphasis of the slides will be what has changed and what was not changed with explanations for why the SDT did what it did.

All members identified in the outreach efforts should supply the dates of their next meetings with the identified groups to Ed Dobrowolski.

All response authors should identify what the big issues were in their questions and who the entities are who provided the comments that the SDT may not have been able to accommodate in the revisions. This will be discussed in the next conference call with the aim to assign members to reach out and make personal contact with those entities to explain the SDT position.

12. Review Project Timeline

The schedule needs to be adjusted to show the upcoming Technical Conference.

13. Review Ballot Results

While only one standard passed ballot, the remainder did fairly well with the exception of TOP-001-3 and IRO-002-4. This would indicate that the SDT is relatively close on most of the issues.

14. Review of the Draft Responses to the First Posting

a. IRO-001-4: Andy Pankratz

The SDT agreed to delete Transmission Service Provider. This will necessitate a change to the mapping document.

The SDT believes that the approach on Operating Instruction is correct based on the approval of proposed COM-002-4.

For Requirement R3, the reason isn't important in Real-time. That can be sorted out after the fact.

The responses on Operating Instruction need to be made consistent throughout the document.

b. IRO-002-4: David Bueche

The SDT will delete Requirement R1 due to redundancy with proposed COM-001-2.

Requirement R2 will not be moved to proposed IRO-010-2. Proposed IRO-002-4 is more hardware oriented and the requirement better fits the purpose of this standard. Proposed IRO-010-2, Requirement R2 was re-worded to address the comments on links. There should be a corresponding requirement in proposed TOP-001-3 for the Transmission Operator and Balancing Authority.

c. IRO-008-2: Robert Rhodes

The proposed definitions will be shown in all standards that use the terms.

The response dealing with Operating Plan was revised based on input from Vic and Andy. The SDT changed 'generic' to 'general' and also added the term 'day-to-day' for the specific plans.

Requirement R2 will be deleted as coordination is required in Requirement R3 and one can't coordinate without having reviewed. Requirement R4 will be deleted as coordination can't truly occur without notification. The rationale box will be expanded to describe the SDT reasoning on these issues.

d. IRO-010-2/TOP-003-3: Jim Case

The Planning Coordinator and Transmission Planner were deleted from proposed IRO-010-2 as those entities are covered in proposed IRO-017-1.

The Implementation for proposed IRO-010-2 Requirements R1 and R2 and proposed TOP-003-3, Requirements R1 through R4 was changed from 10 months to 9 months to better align with possible approval dates.

e. IRO-014-3: Bruce Larsen

'Other' was changed to 'adjacent'. This was considered a better fit for Reliability Coordinators.

Requirement R1 Part 1.5 was deleted due to redundancy with proposed IRO-001-4 Requirement R1.

Requirements R3 and R4 were deleted due to the changes made to Requirement R1.

f. **IRO-017-1: Kevin Sherd**

Requirement R1 Part 1.5 was deleted due to redundancy with proposed Requirement R1 Part 1.3. Part 1.5 was the requirement that the SDT was pointing to for possible seasonal assessments. The SDT will now need to provide justification for the deletion of any requirements dealing with those assessments. This will need to be added to the mapping document.

Requirement R3 is considered duplicative of approved TPL-001-4 Requirement R8. However, the Reliability Coordinator is not explicitly cited in that requirement and it should be for completeness and accuracy of the requirement. The SDT will ask to have the necessary revision to approved TPL-001-4 written into a draft SAR. But for now, Requirement R3 needs to remain in proposed IRO-017-1.

Requirement R4 needs to remain in the standard. This requirement addresses one of the top four issues in the IERP Report and was endorsed by the NERC Operating Committee. The SDT changed the Time Horizon to Long-term Planning and the requirement was revised to place the onus for performance to the Planning Coordinator and Transmission Planner.

Requirement R1 Part 1.3 was changed from 'Reliability Coordinator Wide Area' to 'Wide Area'.

g. **TOP-001-3: Jason Marshall**

A number of the issues in this standard were already discussed in previous questions and the SDT made certain that consistent responses were provided.

The NOPR response on page 13 of that document is a good source for language explaining how smaller entities are being treated in the Real-time Assessment requirement and definition.

Requirements R19 and R20 were added for the Transmission Operator and Balancing Authority respectively to correspond with the data exchange requirement for the Reliability Coordinator in proposed IRO-002-4 Requirement R2 which was copied from an approved standard.

h. **TOP-002-4: Bert Peters**

Minor changes were made to the two defined terms.

Data retention was adjusted to be consistent with other standards.

'NERC registered' was deleted from the requirements.

i. **Retired IRO and TOP Standards: Allen Klassen**

Several mapping document references were made.

j. **30-minute Real-time Assessment: Dave Souder and Eric Senkowicz**

The requirements were changed to 'ensure' as opposed to 'perform'. In addition, rationale will be provided to tie the requirements to approved EOP-008-1. The SDT will also work with the RSAW to clarify compliance.

k. **VRF/VSL: Ed Dobrowolski**

The VSLs for proposed IRO-008-2 Requirement R5 and TOP-001-3 Requirement R13 will be copied from the VSLs for approved IRO-008-1 Requirement R2.

l. **Other: Andy Pankratz**

'Applicable' was added to the input list in the definitions to alleviate concerns about what happens if an entity doesn't have one of the listed items.

'Contracted' was changed to 'third-party' in the parenthetical in the definitions.

The SDT will produce a rationale statement that explains that Protection System and Special Protection System status means that you must be able to know what the equipment will do for the given status. Dave and Vic will work on this.

The effective dates for proposed IRO-010-2 and TOP-003-3 were changed to a 9/12 month timing from a 10/12 month timing.

m. **SOL White Paper: Dave Souder**

Several changes were made to the white paper based on industry comments.

15. **Discuss Possible Changes to Supporting Documents**

Except for the SOL White Paper, these documents will not be redlined. Any changes to text will be simply entered and revised requirements will be pasted in in their clean format.

a. **Directives and Issues List**

David Bueche will perform the work to update this document.

b. **OCEC Memo**

Ed Dobrowolski will perform the work to update this document.

c. **Implementation Plan**

Ed Dobrowolski will perform the work to update this document.

d. **Mapping**

Mark Olson will perform the work to update this document.

e. **NOPR Issues**

Ed Dobrowolski will perform the work to update this document.

f. **SW Outage Recommendations**

Ed Dobrowolski will perform the work to update this document.

g. **VRF/VSL Justification**

Ed Dobrowolski will perform the work to update this document.

h. **SOL White Paper**

Dave Souder and Vic Howell will perform the work to update this document.

16. Develop Comment Form for Second Posting

The second comment form will retain the same questions as the first comment form with the exception of the two questions on the retired standards and the question on the 30-minute timeframe which will be deleted.

The same assignments will be made for responders in order to maintain continuity except for proposed TOP-001-3 which will be done by Allen Klassen with Jason Marshall assisting, and the last general question which will be done by Dave Souder.

17. Review the Need for Outage Coordination White Paper

The SDT sees no need for this document and will no longer keep it as an agenda item.

18. Next Steps

The SDT will finalize the documents for the second posting. All documents are to be sent to Ed Dobrowolski by close of business on Tuesday, July 29, 2014. The documents will then be merged as needed and sent on to quality review.

Now that decisions have been made on what is going to be changed in the next posting, a slide deck is needed for the upcoming Technical Conference. This slide deck will also be used for outreach efforts by SDT members.

19. Future Meetings

- a. Conference call/web ex on Monday, August 4, 2014 from 1:00 p.m. to 5:00 p.m. EDT
- b. 3rd Technical Conference – Tuesday, August 12, 2014 from 8:30 a.m. to 5:00 p.m. in Sacramento, CA at SMUD. Dave Souder, Jason Marshall, Bert Peters, Vic Howell, and Dede Subakti will be in attendance and may be used as speakers for specific topics. Eugene will find out if FERC wants to have a slot on the agenda.
- c. Face-to-face meeting – (tentative based on posting date) week of September 29, 2014 at APS in Phoenix, AZ. Members should block these dates but not order tickets until the official announcement is sent out.

20. Action Item Review

Members identified for outreach efforts should supply the dates for the next meeting of their identified groups to Ed Dobrowolski.

Kevin Sherd and Dede Subakti will supply the write-up on seasonal assessments.

Dave Souder and Vic Howell will supply the rationale explaining how status of Protection Systems and Special Protection Systems will be handled.

All response authors should identify what the big issues were in their questions and who the entities are who provided the comments that the SDT may not have been able to accommodate in the revisions.

21. **Adjourn**

The Chair thanked MISO for its hospitality and adjourned the meeting at 3:00p.m. on Thursday, July 24, 2014.