

Notes

Real-Time Operations SDT — Project 2007-03

February 2-3, 2010

1. Administrative Items

a. Introductions and Quorum

The meeting was called to order at 8:00 a.m. CST on Tuesday, February 2, 2010 at the ERCOT offices in Austin, TX. Meeting participants were:

Paul Bleuss	Jim Case, Chair	Al DiCaprio
Phil Lavallee	Jason Marshall	Steve Myers
Eugene Blick, FERC Observer	Laura Zotter, ERCOT, Guest	Ken McIntyre, ERCOT, Guest
Ed Dobrowolski, NERC		

b. NERC Antitrust Compliance Guidelines — Ed Dobrowolski

No questions were raised on the NERC Antitrust Compliance Guidelines.

c. Review Meeting Agenda & Objectives — Jim Case

The objective of the meeting was to resolve the remaining open issues so the project can proceed to the next posting.

2. Review Implementation Plan Mapping Table

Note – Open issues that show up in more than one item are only shown here for the first occurrence. It is assumed that the resolution for item #1 will be copied to item #2 and so on.

TOP-001-1

Requirement R1 – FERC staff concerns on deletion of responsibility.

The SDT added a sentence to the resolution stating that the old generic requirement has been replaced with specific requirements with defined applicability.

Requirement R2 – Is an IROL the only type of emergency that needs to be covered?
Does the TOP need to communicate with the GOP?
(a) Provided explanatory text describing why the SDT is treating the requirement as it did.
(b) If the GOP needs to be involved, Requirement R9 covers the situation.

Requirement R5 – EOP-001-2, Requirement R2 to be factored into resolution.
The reference to EOP-002 has been added to the resolution.

Requirement R7 – Limiting aspects of use of Adverse Reliability Impact.
The SDT replaced the phrase ‘Adverse Reliability Impact’ with the defined term ‘Burden’.

Requirement R8 – Address immediate action by the BA issue.
The SDT added a reference to EOP-002-2.1, Requirement R6 to cover this issue.

TOP-002-2

Requirement R1 – Reasonable future time period vs. day ahead; assessment vs. plan; suitability of BAL standards for BA; limit to SOL and single contingency events
(a) The SDT changed the wording to the defined term ‘Operational Planning Analysis’ as was used in the proposed IRO-008-1 standard to accommodate the question on future time periods.
(b) ‘Assessment’ was changed to ‘Operational Planning Analysis’.
(c) The reference for the BA resolution was changed to BAL-001-0.1a and BAL-002-0 plus EOP-002-2.1, Requirement R6 was added to the resolution.
(d) The SDT added additional events as defined by the Reliability Coordinator.

Requirement R2 – Order 672 & 693 issues
The SDT changed the response to provide clarity as to the reasoning for deleting this requirement.

Requirements R5 & R6 – Check BAL reference; review revisions to response.
Clarifying language was added to the resolution text.

Requirement R10 – Review revised response for BA.
Clarifying language was added to the resolution text.

Requirement R13 – Review response.

The references were changed from the MOD standards to FAC-008-1 and FAC-009-1, Requirement R1.3.

- Requirement R18 – Limits on proposed Reliability Directive definition; review revised response.
- (a) The SDT reserved any decision on ‘Reliability Directive’ pending the outcome of the RCSDT review of this topic.
 - (b) A sentence was added to the resolution text stating that lack of uniform line identifiers has not been shown to be a contributing factor to system problems.

Requirement R19 – Review revised response.

The SDT views this as a tools related issue and FERC Order 693, paragraph 1660 states that emphasis should be on capabilities as opposed to tools.

TOP-004-1

Requirement R3 – Discuss applicability of FAC-011 & -014 to response. Clarifying language was added to the resolution text.

Requirement R6 – Review revised response; check the references supplied for parts 6.2 & 6.3.
TOP-001-2 has been revised to include separate requirements for the Transmission Operator and Generator Operator to clear up this problem.

TOP-005-2

Requirement R4 – Review revised response.
Clarifying language was added to the resolution text.

TOP-007-0

Requirement R3 – Review revised response.
The SDT added EOP-003-1, Requirement R3 to the resolution.

TOP-008-1

Requirement R1 – Review revised response.
The SDT added EOP-003-1, Requirements R3 & R5 to the resolution.

Requirement R3 – Review revised response.
The SDT reviewed the response and decided that there was no reason to change the current resolution.

3. Review Issues Resolutions

- a. P1603 – The SDT added wording to the response to indicate that minimum voltage is part of SOL as per the Glossary. The SDT also added references to NUC-001-2, Requirements R3 & R4.1 to cover the incorporation of NPIRs in the analysis as well as FAC-011-2 and FAC-014-2, Requirement R2 for incorporating SOLs into the analysis.
- b. P1604 – The SDT added a phrase on ‘projected System conditions’ to TOP-002-3, Requirement R1 to address this issue.
- c. P 1620 & 1621 – The SDT included wording from the second posting comments to reinforce the decision not to include a national lead-time.
- d. P1624 – The SDT added a specific reference to TOP-003-1, Requirement R1 and its bullets to address this concern.
- e. P 1636 – The SDT revised the response to incorporate EOP-001-2.
- f. P 1638 – The SDT revised the response to emphasize emergency planning and procedures versus contingency studies.
- g. P1639 – The SDT discussed this issue and decided that no change was required to this response.

4. Discuss Proposed Requirements

- a. SOL vs. IROL with T_v – The SDT will review the white paper one last time to see if it can be strengthened. It was suggested that links to any reference material including the Adequate Level of Reliability paper might help things out. Jim will produce a straw man one week after the meeting. Steve will provide Jim with the list of relevant links.

AI - Jim will produce a straw man of the revised white paper on SOL/IROL one week after the meeting.

AI – Steve will provide Jim with the links needed to reinforce the SOL/IROL white paper.

- b. Documented specification for data – The SDT believes that TOP-003-2 is actually more stringent than the current standards or NUC-001-2. However, the resolution response was altered slightly to provide greater clarity.

- c. Action items associated with Reliability Directive – Ed provided an update on the current status of COM-002 and COM-003. NERC staff has submitted comments to COM-003 advocating three-part communications for all communications changing the status or capability of facilities. NERC staff has also submitted comments to COM-002 that would negate the need for a definition of Reliability Directive and throw all of the communications issues back to COM-003. The RTOSDT will be submitting comments on COM-002 supporting the position of the RCSDT. It will wait to see if revisions are needed to Project 2007-03 based on the actions of the RCSDT on COM-002.

5. Next Steps — Jim Case

Ed will clean up the documents to reflect the changes agreed upon at this meeting and distribute them to the SDT.

AI - Ed will clean up the documents to reflect the changes agreed upon at this meeting and distribute them to the SDT.

SDT members will review the documents distributed by Ed and make any comments via the e-mail server within one week of receipt. No further discussion is planned on the issues addressed with this update prior to the next posting.

AI - SDT members will review the documents distributed by Ed and make any comments via the e-mail server within one week of receipt.

There will be 4 questions submitted with the next posting – a generic question on each standard and a ‘ready for ballot’ question. The following SDT members volunteered to submit straw man responses to the comments:

- Q1 – Jason
- Q2 – Paul Bleuss
- Q3 – Phil
- Q4 - Jim

6. Schedule Next Meetings

There will be a conference call (no web ex) on Monday, March 1, 2010 from 1600 to 1700 EST to discuss the RCSDT decision on Reliability Directive. It is expected that the SDT will make their decision as to whether the standards are ready to post during this call.

Eugene will find out if another meeting prior to posting with FERC staff is desired.

AI - Eugene will find out if another meeting with FERC staff is desired.

7. **Review Action Items & Project Schedule — Ed Dobrowolski**

The following action items were developed during this meeting:

- Jim will produce a straw man of the revised white paper on SOL/IROL one week after the meeting.
- Steve will provide Jim with the links needed to reinforce the SOL/IROL white paper.
- Ed will clean up the documents to reflect the changes agreed upon at this meeting and distribute them to the SDT.
- SDT members will review the documents distributed by Ed and make any comments via the e-mail server within one week of receipt.
- Eugene will find out if another meeting with FERC staff is desired.

Ed will update the project schedule and distribute it to the SDT for review. Currently the project is running slightly behind schedule.

8. **Adjourn**

The Chair thanked ERCOT for their hospitality and adjourned the meeting at 1530 CST on Wednesday, February 3, 2010.