

Notes

Balancing Authority Reliability-based Controls (BARC) — Project 2010-14

September 28, 2010

1. Administrative Items

a. Introductions and Quorum

The Chairs brought the meeting to order at 0800 EDT on Tuesday, September 28, 2010 at the MISO facilities in Carmel, IN. Meeting participants were:

Larry Akens, Co-Chair	Gerry Beckerle	Bill Herbsleb
Doug Hils, Co-Chair	Howard Illian	Steve Myers
Sydney Niemeyer	LeRoy Patterson	Mike Potishnak
Mark Prosperi-Porta	Tom Segrist	Glenn Stephens
Steve Swan	Tom Washburn	Don Badley, Observer
Jerry Rust, Observer	Wayne Van Liere, Observer	Scott Sells, FERC Observer
Tony Jankowski, RFC, Guest	Darrell Richardson, NERC	Ed Dobrowolski, NERC

b. NERC Antitrust Compliance Guidelines & Meeting Announcement – Ed Dobrowolski

No questions were raised on these issues.

c. Agenda and Objectives — Doug Hils & Larry Akens

The goals of the meeting were to complete the results-based standards training, Finalize the time error correction field test memo, finalize the responses to the ACE transmission limits white paper posting, resolve any timing issues for the project schedule, and to come up with a plan for revising the project standards.

2. Report on Field Test Conference Call of 9/27/10 – Doug Hils

August was a ‘good’ month for the ERCOT and the Eastern Interconnection. In the east, there were only 24 occurrences of dropping below FTL_{low} for a total of 45 minutes with the longest excursion being 4 minutes. On the high side, FTL_{high} was

exceeded only 11 times for a total of 17 minutes with the longest excursion being 3 minutes. One Balancing Authority in WECC did report a problem with their monthly CPS₁ performance. So far, no transmission related problems have been reported.

BARCSDT needs to get on the November NERC RCWG agenda to provide an update on the field test to that group.

AI – Doug to contact NERC RCWG about providing an update on the BAAL field test at their November meeting.

3. Results-based Standards Training – Ed Dobrowolski

Ed provided the SDT with a training session on the new results-based standards. The training material was distributed via the mail server prior to the meeting.

4. Finalize Time Error Correction Field Test Memo

WECC is still not in favor of participating at this time. There is a formal process in WECC for participating in field tests that must be followed and it will take longer than the time provided for them to get through that process. However, the WECC members of the SDT understand that the over-all opinion of the SDT is that all interconnections should be involved. The WECC members of the SDT will present their position on involvement in the proposed field test to the NERC Operating Committee at the appropriate time.

The feeling of the SDT is that if a ramped or phased approach isn't used, then there is no need for a waiver from BAL-004. The only waiver that should be required is from NAESB. Post note: Based on the current BAL-004-0, a waiver for Requirement 2 will be required. The field test proposal will be revised prior to being presented to the NERC Standards Committee.

A question was raised as to whether the applicable NAESB standard is referenced in entity tariffs. If so, entities participating in the field test would have to request a waiver from FERC.

When this memo is presented to the NERC Operating Committee, it should be accompanied by a white paper of a page or two describing the rationale behind the decisions reached by the SDT.

AI – Larry to draft a white paper for use in describing the SDT time error correction memo for the NERC Operating Committee.

The SDT approved the revised memo and authorized its distribution to the NERC Standards Committee for discussion at their next meeting.

Andy Rodriguez will be requested to coordinate this plan with NAESB.

5. Discussion of HQTE Field Test – Mike Potishnak

Mike presented a Power Point describing the status of the current field test at HQ and the perceived shortcomings of the existing frequency model as well as a suggested alternative to that model which is being used by HQ in the field test.

If HQ agrees, Mike will distribute the Power Point to the SDT.

6. Finalize Response to Comments from RBCSDT Posting

All open items were addressed during the meeting.

The SDT approved the revised document and authorized it for posting. It will be submitted to NERC staff for posting.

7. Review of BAL-002-2 Straw Man – Larry Akens

Larry presented his redlined version of BAL-002-2 which was designed to be a proof of concept showing that the goals of the SAR can be achieved through a redline approach.

The SDT was reminded that they are limited to the scope of the SAR and that any deviations from that scope need to be approved by industry and the NERC Standards Committee via a supplemental SAR or even a new SAR. The SDT now finds itself in the middle of a new paradigm with new priorities to address as many FERC Order 693 directives as quickly as possible. There is little or no latitude for addressing other shortcomings if the SAR didn't explicitly enumerate them.

A sub-group of the SDT attempted to develop a new revised BAL-002-2. The work of this group showed that there were still several philosophical issues to be resolved especially with regard to a continent-wide contingency reserve policy. After considerable debate, the SDT decided that reserve-related revisions to the current standards based upon the direction under Order 693 should be split as follows: anything developed with respect to regulating reserve will be considered in BAL-001, anything developed with respect to contingency reserve will be considered in BAL-002, and anything developed with respect to frequency responsive reserve will be considered in BAL-003. Jerry Rust will lead a sub-group consisting of Don, Jerry, LeRoy, Gerry, Steve Myers, and Glenn in developing a revised BAL-002 that incorporates all of the elements of the SAR including FERC Order 693 and other issues as well as a requirement for a continent-wide contingency reserve policy. This should be ready for review in Philadelphia.

AI – Jerry Rust will lead a sub-group to revise BAL-002 for SDT review in Philadelphia.

The BAL-001 work will be handled by the group identified in agenda item 10. The BAL-003 effort will be dealt with in Project 2007-12 (FRRSDT) as per the discussion in agenda item 9 below.

The SDT will request a meeting with FERC staff to gain clarification as to exactly what was meant by ‘continent-wide contingency reserve policy’.

8. Discussion and Approval of Project Schedule – Ed Dobrowolski

A draft schedule was distributed prior to the meeting.

The SDT reviewed the proposed schedule. Due to the complexity of the effort involved and the number of standards involved, the SDT requested that the time to prepare an initial draft of the standards be extended to six months.

There is an open question on the need to conduct a field test for the ACE transmission limits before finalizing the project work. There is also a need for research from the NERC Operating Committee regarding Purpose Statement C. Jerry Rust stated that the NERC Operating Committee addressed this general topic at their last meeting and committed to performing any work required to support a SAR.

The SDT approved the revised schedule and it will be submitted and posted accordingly.

9. Plan for Presentation to Standards Committee – Doug Hills

The SDT will present several items at the next NERC Standards Committee meeting. A request will be made to handle all of these items on Wednesday morning to accommodate travel plans.

The time error correction field test memo will be presented as a separate item. Larry will make the presentation.

Doug will present the case for moving BAL-003/BAL-010 to Project 2007-12 (FRRSDT).

Doug will also present the request to expand the BAAL field test as per the discussion in Denver. NERC staff may oppose this request as they feel that the field test has proven its point and an expansion isn’t warranted.

NERC staff has expressed their lack of support for including ACE transmission limits in the standards. Their position is that the field test doesn’t support the need for such

limits and the recent posting on this topic didn't show industry support. It is anticipated that this topic will be discussed and resolved by the NERC Standards Committee.

All supporting material for these items, including presentations, must be delivered to Maureen Long prior to close of business on Monday, October 4, 2010.

10. Discussion of BAL-001 Revisions – Doug Hils

Doug is proposing redlining BAL-001 instead of replacing it with BAL-007. He presented a redlined, straw man version of BAL-001 to present this concept. This proposal didn't include anything for transmission limits but it is felt that it could be incorporated in a single requirement if the SDT decides it belongs in BAL-001 instead of in a separate standard. (BAL-001 does have frequency in the purpose statement.)

Administrative requirements from BAL-011 could be moved to the NERC Rules of Procedure as per the suggestion made by Bob Cummings at the Denver meeting.

The ACE equation (and equations in general) should be moved out of the requirements and into a table or attachment.

BAL-008 needs to be reviewed in light of progress in other standards such as IRO-005-3, requirements 5 and 8 that may supersede what was originally included in BAL-008. Anything 'left over' should be easily moved to a revised BAL-001.

The SDT approved the redline approach and Doug will lead a sub-team consisting of Steve Myers, Howard, Tom Segrist, and LeRoy to come up with a straw man for BAL-001 which may include requirements for regulating reserves. This draft standard will be reviewed by the SDT in Philadelphia.

AI – Doug will lead a sub-team in developing a redlined BAL-001 for SDT review in Philadelphia.

11. Next Steps – Doug Hils & Larry Akens

The next steps for the SDT are to go to the NERC Standards Committee to address the items in agenda item 9 above and to complete the work on the straw man proposals for review at the Philadelphia meeting.

12. Next Meetings

- a. Monday, October 25, 2010 (0800 EDT) through Tuesday, October 26, 2010 (1700 EDT) – Philadelphia, PA

The meeting announcement and logistical details have been distributed for this meeting. The hotel cutoff date is next week.

- b. Wednesday, December 1, 2010 (0800 CST) through Thursday, December 2, 2010 (1700 CST) – Austin, TX

Details for this meeting have not been distributed as yet. Rooms will be available for working group meetings on Tuesday is so requested. Contact Steve Myers with such requests.

- c. Conference call and web ex – Wednesday, January 5, 2100 & Thursday, January 6, 2011 from 1000 EST to 1500 EST

The end times for these calls was extended from 1400 EST to 1500 EST.

- d. Monday, January 24, 2011 (0800 CST) through Tuesday, January 25, 2011 (1700 CST) – Austin, TX

Because of the meeting schedule shown above, the field test conference call for Monday, October 25, 2010 will be moved to Monday, November 1, 2010. The field test conference call for Monday, November 29, 2010 will be moved to Tuesday, November 30, 2010. New announcements will be distributed.

13. Action Items and Schedule – Ed Dobrowolski

The following action item was carried over as unresolved:

- Bob Cummings will obtain the requested IDC data.

The following action items were developed at this meeting:

- Doug to contact NERC RCWG about providing an update on the BAAL field test at their November meeting.
- Larry to draft a white paper for use in describing the SDT time error correction memo for the NERC Operating Committee.
- Jerry Rust will lead a sub-group to revise BAL-002 for SDT review in Philadelphia.
- Doug will lead a sub-team in developing a redlined BAL-001 for SDT review in Philadelphia.
- Bill Herbsleb, as chairman of the FRRSDT, will have his team review Order 693 to address any directives related to frequency-responsive reserve as BAL-003 is modified and will coordinate those efforts with the BARCSDT.

14. Adjourn

The Chairs thanked MISO for its hospitality and adjourned the meeting at 1115 EDT on Thursday, September 30, 2010.