

Notes

Balancing Authority Controls SDT— Project 2007-05

January 19, 2010 | 12:00 – 5:00 p.m. EST
Conference Call and Web Conference

1. Administration

a. Antitrust Guidelines

Andy Rodriguez reviewed the anti-trust guidelines with meeting participants.

b. Introduction of Attendees

The following members and guests were in attendance:

- Larry Akens, Chair
- Gerry Beckerle
- Bill Campbell
- David Folk
- Will Franklin
- Doug Hils
- Howard Illian
- Sydney Niemeyer
- Guy Quintin
- Kris Ruud
- Wayne vanLiere
- Raymond Vice
- Tom Washburn
- Andy Rodriguez

c. Approval of Agenda

The drafting team reviewed the Agenda and approved it unanimously.

d. Approval of Meeting Notes

The drafting team reviewed the December meeting notes and approved them unanimously.

2. **Coordination Efforts**

The SDT reviewed the status of the RBCSDT and FRSDT. The RBCSDT is working to finalize the frequency working group white paper. They will be revisiting the limits for BAL-007, looking at the new first step frequency relay limits in effect. They are also looking at specifying certain RC actions based on specified frequency triggers.

The RBCSDT has three other standards they have been working on recently that they do not expect to post:

BAL-009 – the contents of this standard seem to be redundant with the existing specifications of RC authority contained in the IRO standards.

BAL-010 – the contents of which have been assigned to the FRSDT (and may simply be incorporated into BAL-003 or its successor)

BAL-011 – Which will specify how NERC establishes frequency based operating limits.

Hydro Quebec has proposed a field trial to look at frequency. This effort may need to be coordinated with the frequency working group white paper.

Howard Illian is in the process of revising the Transmission-Based ACE Limit. Currently, WECC is considering the use of $2L_{10}$ until they identify a better choice for this limit.

There are two problems still being examined by the RBCSDT:

- Short-duration (less than five minutes) frequency excursions. The team is trying to determine if these are actual reliability problems or not.
- Transactions that are curtailed, but generation is not moved in response.

Larry and Sydney provided an update on the FRSDT. The BAL-003 interpretation has been balloted and comment responses are being prepared. Next steps are further review and posting for recirculation ballot. The data collection method (voluntary) has been approved for implementation, so data collection should begin soon.

Andy has no news to report regarding NAESB and the TIMTF.

3. **Review of Roadmap**

The team reviewed the roadmap and discussed progress.

4. **Review of BAL-004 Changes and Comment Form**

The team reviewed the draft BAL-004 and associated comment form, and agreed that the documents were ready to be posted. Andy will submit the documents for posting.

5. **Discussion of BAL-002 (DCS)**

The team reviewed the two drafts of BAL-002 that have been developed – one that is structurally similar to the current standard, and one that is more “criteria” based (which Andy developed based on notes from the last meeting). Neither seems to be quite correct. The concept of $\pm \varepsilon_1$ seems to be on the right track, but not quite there. The team also discussed one of the criteria being when frequency is more than ε_1 from target frequency, and ACE is greater than some specified % of MSSC (which might vary based on the frequency deviation). Two different ways of proving recovery were discussed: ACE crossing zero, or getting ACE within some specified range straddling zero. The team tried to identify the real goals in reworking DCS, and it came up that the team felt the keys were adding a frequency component and avoiding overshoot. Not burdening your neighbor is NOT a DCS concern, as it does not impact reliability so much as it impacts equity and economics. Kris suggested an additional goal should be to compel the entity to recover up to their MSSC if a contingency exceed their MSSC (currently, such a contingency would not be a reportable disturbance). Guy pointed out that we need to track and enforce that entities are setting their MSSC correctly. Howard Illian volunteered to rework the standard and propose improvements.

6. **Discussion of BAL-013 and Operating Reserves**

Guy reviewed his operating reserve papers and collected feedback. Andy walked through his draft of BAL-013 and explained it was really a placeholder to get the team thinking about what an Operating Reserve standard might look like. The team agreed to brainstorm about this further in Atlanta.

7. **Discussion of FAC/Metering Standard**

This item was not covered in detail, as the team ran out of time. Andy asked the team to review the list of requirements he had sent out that could be considered for inclusion in a FAC/Metering standard.

8. **Assignments and Action Items**

Guy will update his operating reserve documents.

All will review BAL-005 and the FAC/metering issues prior to the next meeting.

Howard will update the BAL-002 document as discussed above.

Andy will investigate status for Ken McIntyre and Steve Gillespie.

9. **Future Meetings** (*Italics not confirmed*)

- February 24-25 (8-5, 8-12) – Atlanta/SOCO
- March 16– ConCall/WebEx, 10-4 Central
- April 29-30 (8-5, 8-12) – St Louis/Ameren
- May– ConCall/WebEx, 10-4 Central

10. **Adjourn**

The drafting team adjourned at approximately 4:33pm.