

## Notes

# Balancing Authority Controls SDT— Project 2007-05

February 24, 2010 | 8am – 5pm EST  
February 25, 2010 | 8am – 12noon EST  
Southern Company Building,  
30 Ivan Allen Jr. Blvd  
Atlanta, GA

Meeting, 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
- Howard Illian
- Ken McIntyre
- Sydney Niemeyer
- Guy Quintin
- Kris Ruud
- Scott Sells
- Wayne vanLiere
- Raymond Vice
- Tom Washburn
- Andy Rodriguez

#### c. Approval of Agenda

The drafting team reviewed the Agenda. Two items were added: an update on the NERC Frequency Initiative, and the ADI interpretation discussion with Howard Gugel. The team approved the Agenda unanimously.

d. **Approval of Meeting Notes**

The drafting team agreed to defer the approval of the January meeting notes until the March meeting.

**2. Coordination Efforts**

Larry Akens and Sydney Niemeyer provided an update on the work of the RBCSDT. 31 BAs have committed to participating in the WEC BAAL field trial. Not all have been verified and validated to participate. The trial will start, however, on March 1 with at least 15 participants, and should have approximately 90% of all load included. The current field trial will use an arbitrary transmission limit of 2 X CPS2 for six months, then transition to the new approach being worked on by Terry Volkmann and Howard Illian. ERCOT and HQ are both looking into the field trial, but will likely not participate until the WECC field trial is complete.

It was noted that, based on the draft ADI interpretation posted recently, much ADI is stopping.

There was a question of whether or not ADI or WATEC would have an impact on the WECC field trial. The RBCSDT believes the answer is no. WATEC should not impact it, as BAAL uses reporting ACE, and the Field Trial will capture ACE both with and without ADI.

The FRSDT discussed the NERC frequency initiative. NERC has recently sent out a PowerPoint update to the industry, describing the concerns seen with regard to Frequency Response. The team reviewed the PowerPoint.

Howard Illian reported that FERC was working on a document discussing how much FRR is needed. Lawrence Berkley labs will be working on the technical aspects of the paper, and will probably ask the RBCSDT, BACSDT, and FRSDT to provide input into their analysis.

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

**3. Review of Roadmap**

The team reviewed the roadmap and discussed progress. The team asked for status on BAL-004 and BAL-012. Andy reported that had received some additional items to be addressed from the SPM, and was working to resolve them so the standards could be posted.

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

The team reviewed and discussed the two proposals for DCS provided by Howard Illian. The first proposal was labeled the “Alternate Point Recovery” approach and was similar to that discussed at the previous meeting. Howard proposed a new approach, the “Alternate Range Recovery,” and linked DCS performance to CPS performance. The team chose to work from the “Alternate Range Recovery” method. The team split the requirement into two – one for loss of supply, and one for loss of demand. The team made other modifications as well. It was still uncertain how the team would determine the “floor” of a reportable disturbance. Team members will consider this between now and the next meeting, and be prepared to brainstorm and discuss.

#### **5. Discussion of BAL-013 and Operating Reserves**

The team discussed the Operating Reserve papers, the draft BAL-013, and Guy’s e-mail request for feedback. The concept of “pre” and “post” measures was discussed – in other words, do we measure proactively to ensure reserves are present before an event occurs, or do we measure after an event occurs to determine if enough reserves were present? Everyone agreed that we should have a post measure. All agreed that FRR and Contingency Reserves should have a pre-measure. Howard further suggested that Regulation should have a pre-measure. It was unclear whether or not the pre-measure should require a specific calculation or number, or if it should be more broad. The concept of specifying that entities must document their process for calculating reserve requirements and then implementing them was raised. Some felt this might be akin to a fill-in-the-blank standard. Andy pointed out that this had been done with TRM and CBM, and FERC deemed it sufficient.

A discussion of whether or not the standards should specify products was raised. Tom Washburn, Andy and others expressed concern that the team was starting to define products, rather than requirements. However, others in the team felt that it was necessary to define the requirements as explicitly as possible, and if that required us to get close to product definition, it was a necessary byproduct.

Andy proposed using the terms from the RS whitepaper (Primary, Secondary, Tertiary) instead of Frequency Response, Regulation, and Contingency Reserve. This would decouple product definition from the standard, but still allow for the reliability concepts to be addressed. Howard supported this approach, but the rest of the team was uncertain. Andy, Howard, and Guy volunteered to develop a draft standard using this approach.

#### **6. Discussion of FAC/Metering Standard**

This item was not covered in detail, as the team ran out of time. Andy will place this earlier on the agenda for the next team discussion.

#### **7. 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.

Andy to send out the list of “floor” ideas for BAL-002. The team will consider these ideas, as well as others, and be prepared to brainstorm the ideas at the next meeting.

Andy, Guy, and Howard will draft some ideas on the Operating Reserves standard.

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

- April 29-30 (8-5, 8-12) – St Louis/Ameren
- May 19– ConCall/WebEx, 10-4 Central

9. **ADI Interpretation**

Howard Gugel held a discussion regarding the ADI interpretation request.

10. **Adjourn**

The drafting team adjourned at approximately 12 noon.