

## Notes

# Balancing Authority Controls SDT — Project 2007-05

September 30, 2009 | 11 a.m. – 5 p.m. EDT  
Conference Call and Web Conference

### 1. Administration

#### a. Antitrust Guidelines

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

#### b. Introduction of Attendees

The following members and guests were in attendance:

- Larry Akens, Chair
- Tom Artau
- Gerry Beckerle
- Terri Benoit
- Terry Bilke
- Robert Blohm
- Dave Folk
- Will Franklin
- Howard Illian
- Sydney Niemeyer
- Guy Quintin
- Kris Ruud
- Scott Sells
- Ed Skiba
- Wayne Van Liere
- Deonne Cunningham
- Andy Rodriquez

#### c. Approval of Agenda

The drafting team reviewed the Agenda and approved it unanimously.

#### d. Approval of Meeting Notes

The drafting team deferred approval of the meeting notes until the next in-person meeting.

## 2. **Coordination Efforts**

Larry Akens provided an update on the work efforts of the RBCSDT. WECC has indicated that they will join the BAAL field trial (pending final confirmation). Their intent is to start on March 1, 2010 (in order to use the most current bias values). This will delay balloting until at least March 2011.

Sidney Niemeyer provided a brief update on the FRSDT. A conference call has been set up, and the team is going to be working on Howard Illian's Request for Interpretation related to the 1% minimum issue. The data collection needed to support the FRSDT's work efforts will begin soon.

Terry Bilke provided a brief review of the current state of the NAESB TIMTF. They are monitoring the activities of the BACSDT and will become involved as needed.

## 3. **Review of Roadmap**

The team reviewed the roadmap. Outstanding issues to still be addressed are Inadvertent and the FAC/Metering standard. On Inadvertent, there seem to be three options: 1.) create a standard to minimize inadvertent; 2.) create an automatic payback mechanism; or 3.) keep doing what we are doing today, and explain to the FERC why this is acceptable. The team agreed to discuss these in detail and make some decisions at the next in-person meeting.

## 4. **Discussion of BAL-002 (DCS) and Operating Reserves**

The team reviewed the work that was done on BAL-002 in Montreal. Everyone in the group agreed that DCS should be modified to be reviewed on a per-event basis, and that DCS should not include any "megawatt reserve penalty." However, the team did not have a consensus perspective on what the appropriate definitions of "reportable disturbance" was. The team agreed to brainstorm this issue prior to the next meeting and bring their thoughts for further discussion.

David Folk expressed some concern with the addition of the new "frequency" criteria added to DCS in Montreal (DCS is met if frequency = scheduled). His concern was that if this provision was left in place, it might result in a condition where entities are not ready to respond to the next contingency. Howard pointed out that this provision helps mitigate over-response.

Howard Illian reminded the team that we need to detail with the issue of Reserve Sharing Groups. We need to clearly state that when you calculate ACE to determine whether you have met DCS or not, you have to look at the "group" ACE. It would not be valid to individually cross ACE=0, then stop providing support before the other members of the reserve sharing group provided their portion of the reserve activation.

Andy and David both suggested that “Reserve Sharing Groups” should be eliminated from the standard, and instead be implemented through the JRO process.

It was pointed out that R1 and R2 were not written consistently, and that the three bullets should be reworded (as not all are actions).

The team then discussed the Operating Reserve concepts. The team agreed that one of the conclusions from the last meeting was wrong – Contingency Reserves should be capable of responding not only to a loss of generation, but a loss of load. The example given was cases when load was lost during a minimum generation period. This also means that DCS probably needs to look at the most severe single loss of supply and the most severe single loss of demand. This means that entities might have non-symmetrical reserve requirements (e.g., 300MW of raise capacity, 100MW of lower capacity).

For next steps – Howard thinks this may need more work. He suggests that we need to be clear about the “substitution” of reserves.

There was some concern about the activation delay on FRR. Perhaps it should be “ASAP” or “without delay?” Its possible that some FRR may have to be fast (5-10 seconds) and some could be longer. The team needs to consider if there should be any governor requirements.

We may need to clarify that reserves need to be able to move both up and down. E.g., if I am asked to raise, I also have the ability to lower back down after I have raised.

Regarding sustainability, there was a question of whether or not the requirement was for one hour, or if it was that it had to be “continuous until replaced.” Or perhaps “continuous and proportional in response to frequency outside the generator deadband.”

Guy Quintin indicated that he would add a new type of reserves (Replacement/Supplemental) and will add a discussion about the “one-way substitution” concepts for reserves.

Once the team has defined the reserves sufficiently, the next step may be to create a requirement that operators must know how much of each kind of reserves they have. The definitions (from the paper) may be treated as an attachment to the standards.

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

This was deferred to the next in-person meeting.

## **6. Assignments and Action Items**

Andy will ensure that an agenda item is added to the next meeting to discuss the FAC/metering standard and the Inadvertent issue.

Guy will update the Operating Reserve document.

All members of the team will brainstorm about the definition of Reportable Disturbance, and will bring their ideas to the next meeting.

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

October 20/21 (8-5, 8-12) – Chattanooga, TN

November – ConCall/WebEx, 10-4 Central

*December – Chicago Hotel*

*January– ConCall/WebEx, 10-4 Central*

*February – Atlanta/SOCO*

*March– ConCall/WebEx, 10-4 Central*

*April – St Louis/Ameren*

*May– ConCall/WebEx, 10-4 Central*

8. **Adjourn**

The drafting team adjourned at approximately 3:00pm on September 30.