

Meeting Notes Reliability Based Control SDT — Project 2007-18

April 27, 2009 | 8 a.m.–5 p.m. MDT
April 28, 2009 | 8 a.m.–5 p.m. MDT

Public Service Co. of New Mexico
La Estrella room (2nd floor)
414 Silver SW
Albuquerque, NM
505-241-2122

For both days:
Dial-in Number: 866-289-4175
Conference Code: 3107375457

Visual Access:

1. Go to <https://nerc.webex.com>
2. Find your meeting in the list and click "Join"
3. Enter your name and email address
4. Enter the meeting password: standards
5. Click "Join Now"

1. Administrative

- a.** Introductions of team members — Mr. Hils led introductions

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|---------------------|-------------------|----------------------|--------------------|
| Mike Potishnak | LeRoy Patterson | Clyde Loutan | Doug Hils |
| Mark Prosperi-Porta | Steve Crutchfield | Bill Herbsleb | Raymond Vice |
| Don Badley | Tom Vandervort | Carlos Martinez | Howard Illian |
| Tom Siegrist | Sydney Niemeyer | Ken McIntire (ERCOT) | Scott Sells (FERC) |
| Terry Volkmann | Glenn Stephens | | |

- b.** NERC Antitrust Compliance Guidelines — Mr. Hils reviewed the Antitrust Guidelines.

2. Field Trial Update

Mr. Hils reported that there have been no reliability issues under the Field Trial to date. He has contacted the NERC Standards Committee about having BA's in the WECC come under the field trial. The WECC PWG will present draft field trial documents to the OPS and recommend that field trial operations begin. The OPS will then present to the WECC OC in June. We should expect the majority (approximately 90 percent) of BA's in the WECC to join the field trial later this year.

Mr. Vice pointed out that there is a possible change in the underfrequency relay settings that would change the calculated Frequency Trigger Limit ("FTL") for the Eastern Interconnection. As the change would result in a lower FTL, the group decided that this will be monitored and adjusted as necessary. The RBCSDT will ensure that all parties under the field trial are aware of any impacts well in advance.

3. Review and discuss work plan

- a. Update from Mr. Illian — Mr. Illian reported that he has worked with FERC on the integration of renewables into the grid. He has completed his base analysis of 2007 for each Interconnection. He is expecting to have reliability data by June 1. He noted that he will soon begin analyzing 2008 data.
- b. Kurtosis and Pump Coincidence update from Mr. Potishnak — Mr. Potishnak reviewed the proposal from Dr. Sutherland. He will work with Dr. Sutherland to better define the expectations for the draft work. *Mr. Hils will provide the operating data to Dr. Sutherland.*

4. Review and discuss Purpose Statement B Whitepaper

Mr. Hils led a discussion of the draft whitepaper for Purpose Statement B. Mr. Volkmann discussed the concepts presented in the whitepaper. We discussed the static method paper from Mr. Potishnak and compared the methodologies of each paper. We also discussed utilizing existing technology (IDC, WebSAS, etc.) to assist in implementing purpose statement B. *Mr. Hils will develop a draft methodology for this.*

Mr. Hils led a discussion of the MISO-PJM Congestion management Process as background.

5. Review and Discuss Frequency Model Whitepaper

Mr. Hils began a discussion of the Frequency Model Whitepaper. Mr. Illian began a discussion of primary, secondary and tertiary frequency control. The team plans to include this in the whitepaper. Mr. Vice developed a power point slide to show this visually. Mr. Patterson went through his suggested edits.

6. Field Trial Document Review

Mr. Hils reviewed the Field Trial document. The only revisions were to include Duke Energy Carolinas under the FT. We discussed presenting a FT update to the NERC OC in June. Mr. Crutchfield or Mr. Bilke will present the update.

Mr. McIntire provided an ERCOT update. They are training operators and plan to begin operating under the Field Trial.

7. Review Dates and Times for Future Meetings

- a. May 18–19, 2009 from 11 a.m.–5 p.m. EDT Web Ex and Call
- b. June 22–23, 2009 from 11 a.m.–5 p.m. EDT Web Ex and Call
- c. July 27–28, 2009 in St. Paul from 8 a.m.–5 p.m. both days (MRO office) (adjacent to RS meeting)
- d. August 24–25, 2009 from 11 a.m.–5 p.m. EST Web Ex and Call
- e. September 21–22, 2009 from 11 a.m.–5 p.m. EST Web Ex and Call
- f. October 26–27, 2009 in Phoenix, AZ (APS office) (adjacent to RS meeting)
- g. November 23–24, 2009 from 11 a.m.–5 p.m. EST Web Ex and Call
- h. December 14–15, 2009 from 11 a.m.–5 p.m. EST Web Ex and Call
- i. January 25–26, 2010 in Tucson, AZ from 8 a.m.–5 p.m. each day (Tucson Electric Offices) (adjacent to RS meeting)
- j. Field Trial Conference Calls
 - i. May 26, 2009, 2 p.m. EDT
 - ii. June 22, 2009, 2 p.m. EDT
 - iii. July 20, 2009, 2 p.m. EDT
 - iv. August 24, 2009, 2 p.m. EDT
 - v. September 21, 2009, 2 p.m. EDT
 - vi. October 26, 2009, 2 p.m. EDT
 - vii. November 23, 2009, 2 p.m. EST
 - viii. December 21, 2009, 2 p.m. EST

8. Adjourn