

Conference Call Notes Underfrequency Load Shedding SDT — Project 2007-01

July 20, 2009 | 1–3:30 p.m. Eastern

1. Administrative

Roll Call

Lauren Koller welcomed the members and guests of the Standard Drafting Team for Project 2007-01 Underfrequency Load Shedding (see Roster — **Attachment 1a**).

- Philip Tatro — National Grid (Chair)
- Jonathan Glidewell — Southern Company Transmission Co.
- Robert W. Millard — ReliabilityFirst Corporation
- Steven Myers — Electric Reliability Council of Texas, Inc.
- Robert J. O'Keefe — American Electric Power
- Brian Evans Mongeon — Utility Services, LLC
- Tony Rodrigues — PacifiCorp
- Si Truc Phan — TransEnergie
- Scott Berry — Indiana Municipal Power Agency
- Lauren Koller — NERC

Observers

- Anthony Jablonski — ReliabilityFirst Corporation
- Pete Heidrich — FRCC
- Steve Wadas — Nebraska Public Power District
- Carol Gerou — Midwest Reliability Organization
- Eric Mortenson —

NERC Antitrust Compliance Guidelines

Lauren Koller reviewed the NERC Antitrust Compliance Guidelines.

2. Response to Comments — Questions 2 by Exception

On the July 7 conference call the team completed a review through Question 2. The team decided to review Question 2 by exception. Phil asked the team to bring up any issues or concerns with any of the responses proposed for Question 2.

A question regarding BPA's comment referring to "DSI" was brought up. "DSI" refers to "Direct Service Industry".

Scott Berry questioned if UFLS requirements should be assigned to Transmission Owners rather than Distribution Providers, indicating that in the Midwest UFLS relays are installed on Transmission of 100 kV and above.

Carol Gerou questioned the phrase "regional level" and to re-word and insert the group of planning coordinators. There may be more than one group in that region, and it's really the PC's or group of PC's addressing this issue. The group represents a region wide effort – the group of planning coordinator should provide their own program.

Phil re-worded the last sentence of the response to include Planning Coordinators within each region.

There was much discussion on the applicability of load shedding requirements to Transmission Owners versus Distribution Providers. Majority of team was on board with deleting the Transmission Owners, but it was not unanimous.

At this point in time the team decided to leave the language as it is now with applicability to Transmission Owners deleted, but consider alternate language if it clearly assigns responsibility without gaps or double counting of load. Brian Evans Mongeon will send out a proposal to the team for consideration, before Montreal.

Phil edited the applicability section in the draft standard. The majority opinion was in favor of deleting applicability to Transmission Owners, but if language is proposed before Montreal it will be considered at the face-to-face meeting.

Phil also removed the sentence at the end of the response beginning with "the applicability of one standard does not reference another standard..." this was a copy and paste error.

3. Review Summary Responses to Question 3

Phil reviewed the proposed graph of Underfrequency Comparison and compared it to the response and the standard.

R7.1 will refer to modeling units that trip above the curve that appears in our standard. R6 will change from discrete points to curve, but won't draw curve out past 30 seconds and at 30 seconds will extend the curve up to 59.3 at 30 seconds.

The team came to consensus to remove Generator Owner from the Applicability section of the standard as well as from Requirement R9 to keep it consistent with the response to comments. In Question 3 – ERCOT's response – R7 will not refer to the curve defined in R6 – the entire sentence was removed. The note highlighted in green

was discussed at the prior meeting and was removed from the consideration of comments

Phil Tatro went through the responses that were highlighted and determined what is finished and what still needs to be complete.

Phil will distribute the working documents to Lauren Koller and she will distribute the final documents to the team for review.

Phil went through question 4 responses and discussed the highlighted responses.

Rob will work on responses to question 3 on the changes to one of the requirements.

The next conference call August 6, 2009 from 9:30 a.m.–noon EST

4. Response to Comments — Barry Francis’ Comments

This issue was not covered due to time constraints.

5. Action Items

Phil Tatro reviewed the actions that were open at the end of the meeting.

Action Items:	Status:	Assigned To:
Stephanie to follow-up with Compliance and Standards to determine if the draft standard can require that the group of PC’s use their regional standards development processes to develop the UFLS program. The standard cannot require “how” the program is established only what is required of the program.	Created 2/11 By 2/20 conference call Closed	Stephanie
Stephanie will follow up with Gerry regarding the FERC direction to include the PRC-009 requirements into the draft standard. FERC did not support the team’s argument that they could be covered under the NERC ROP data request.	Created 6/11/09	Stephanie
Barry’s Comments: The team will review Barry’s comments and will review Stephanie’s list of major issues (for Barry’s comments) and will email additions to the list by COB June 22, 2009 .	Closed	Team
The sub-teams will begin writing formal responses to the comments based on the		

Action Items:	Status:	Assigned To:
<p>discussion of issues at the June 10th meeting.</p> <p>Question 1 and 2: Bob and Carol will finalize the responses by June 19 — the team will review and discuss by exception on the July 7th meeting — Complete</p> <p>Question 3: The team will discuss response to comments (not done at the June in person meeting). Jonathan will lead the discussion and identify the major issues for discussion. — Complete</p> <p>Question 4: The team will discuss on the August 6th call</p> <p>Question 5: The team will discuss on the August 6th call</p> <p>Question 6: August 24th call</p> <p>Question 7: By exception</p> <p>Question 8: August 24th call</p>		

6. Next Steps

Date	Location	Comments
August 6, 2009 from 9:30 a.m.–noon EST	Conference Call and WebEx	Question 4 and 5
August 24, 2009 from 1–3:30 p.m. EST	Conference Call and WebEx	Question 6, 7 and 8
September 1–2, 2009 from 8 a.m.–5 p.m. (both days)	In person meeting — Montreal	Si Truc will check availability
September XX, 2009	Conference Call and WebEx	
September XX, 2009	Conference Call and WebEx	
Post Third Draft of Requirements		

7. Adjourn