

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Notes

Under-frequency Load Shedding SDT — Project 2007-01

October 7, 2010 | 8:00 a.m. – 5:00 p.m. eastern

October 8, 2010 | 8:00 a.m. – 2:00 p.m. eastern

Constellation Energy

Candler Building

(Check in with the CE Security Receptionist in Suite 100, 1st Floor)

6th Floor, Conference Room 6-1

111 Market Street

Baltimore, MD 21202

1. Administrative

Roll Call

Stephanie Monzon welcomed the members and guests of the Standard Drafting Team for Project 2007-01 Underfrequency Load Shedding

- **Robert J. O'Keefe — American Electric Power (Chair)**
- **Jonathan Glidewell — Southern Company Transmission Co. (Vice Chair)**
- Brian Bartos — Bandera Electric Cooperative
- Gary Keenan — Northwest Power Pool Corporation
- Steven Myers — Electric Reliability Council of Texas, Inc.
- Brian Evans Mongeon — Utility Services
- Tony Rodrigues — PacifiCorp
- Si Truc Phan — TransEnergie
- Scott Berry — Indiana Municipal Power Agency
- Frank Gaffney – Florida Municipal Power Agency
- Stephanie Monzon — NERC
- Philip Tatro — NERC

Observers

Shawn Jacobs OGE (SPP)

Scott Sells FERC Staff

Steve Wadas

Tony Jablonski RFC

NERC Antitrust Compliance Guidelines

Stephanie Monzon reviewed the NERC Antitrust Compliance Guidelines.

It is NERC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition. It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.

Participants are reminded that this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

2. Standards Process Check – Stephanie Monzon

Stephanie reviewed where we are in the process and our next steps. Stephanie reviewed the differences between the various types of ballots as explained in Maureen's document (ballot talking points). NERC will conduct a 10-day recirculation ballot to confirm the initial ballot results.

3. Oct. – Nov. UFLS Schedule – Stephanie Monzon

The team reviewed the schedule. Because of scheduling conflicts the Oct. 15th conference call was cancelled. The team confirmed that call on the 18th. This call will be used should issues come up that require team resolution.

The team is on schedule for submitting the documents for recirculation by Oct. 15th. The recirculation ballot should commence the week of the 18th.

4. Discuss Issues Raised During the Third Ballot - All

The team discussed and resolved the issues raised during the third ballot (in both the ballot report and non-binding poll). The team drafted conceptual responses and appoint team-leads to complete the responses to the comments.

1. UFLS Ballot Report (see separate document)
2. UFLS VSL/VRF non-binding poll report - Rob
 - WECC comments on the WECC VSLs. This will be fixed – stephanie will revise the WECC VSLs and ask Steve R. to confirm before the recirculation ballot.

5. Action Plan for Recirculation Ballot – All

The team will lay out an action plan to conduct a recirculation ballot of the UFLS standard. The recirculation ballot must occur **NO LATER THAN: OCTOBER 20th**.

The recirculation ballot will have to include:

- Revisions to the WECC VSLs – Stephanie Monzon to complete and confirm with WECC
- Mapping document (not needed for recirculation – but needed for filing the standard to FERC for approval) – Phil Tatro
- Implementation plan – the same no changes no action items
- EOP-003- that same no changes no action items
- Consideration of comments
 - Ballot report – stephanie, Jonathan and Phil will develop responses based on discussion and team resolution by Monday Oct. 11th and team will review by Oct. 14th.
 - Non-binding poll – Rob will develop responses by Oct. 11th and team will review by Oct. 14th.
- All documents to Maureen **on Oct. 15th**.

6. Request from BARCSDT for UFLS data – Phil Tatro

RFC, ERCOT data confirmed by Rob. Rob will confirm SPP data. Frank will confirm FRCC data. WECC – Tony /Gary will confirm the UFLS set-points. MRO- Phil will check with Bob C. NPCC – Phil will follow up with Si Truc. Jonathan will confirm SERC data.

7. Issues Raised from UFLS Webinar – All

The team will discuss and prepare a position to several issues raised during the UFLS Webinar:

1. UFLS Impact on Frequency Response: (Duke Energy/ FERC Staff) A region in the Eastern Interconnection like RFC selecting a value for UFLS greater than FRCC's 59.7 Hz, might appear as a unilateral decision of a Region on where it sets its highest level of UFLS will now have the potential to impact the entire Interconnection in both the primary and secondary control requirements.

The SDT would consider adding a requirement to the standard in a future revision to the standard that prohibits entities from setting their threshold above a threshold that the BARC SDT feels is necessary to ensure coordination between the standards.

2. Non-conforming Generation: (Bob Snow – FERC Staff) All of the generators that are not registered will be supplying load behind the meter. If an analysis does not account for that load and generation, the transient case will not be realistic. – **Steve Wadas**

Steve Wadas presented some SPP data to the team. Steve collected data within the SPP region and performed analysis to determine the amount of non-conforming (with PRC-023 curves) within SPP.

8. Requirement R3 Modification adding the word “notification” – Rob O’Keefe

No changes to Requirement R3

9. Requirement R13 Modification adding Third bullet point – Rob O’Keefe

No changes to Requirement R13

10. Meeting Schedule

Stephanie will try to schedule a meeting with FERC staff before the Nov. 3rd BOT – potentially during the recirculation ballot.

Date	Location	Comments
July 20-22, 2010	IMPA	Review Comments Third Posting Revise Standard
August 12, 2010 1-4pm eastern	Web-conference	Second Ballot Comments
August 17, 2010 10am – 12:30 pm eastern	Web-conference	Second Ballot Comments
August 27, 2010 10am – 12:30 pm eastern	Web-conference	Final pass at Standard / resolve any remaining issues from second ballot
September 9, 2010 1:00 – 3:30pm eastern	Web-conference	WECC Variance
September 17, 2010 1:00 -3:00 pm eastern	Web-conference	UFLS Webinar
September 20, 2010 1:00 -4:00 pm eastern	Web-conference	Discuss NERC comments on UFLS documents

October 7-8, 2010 8-5pm eastern 8am – noon	In Person Meeting	Baltimore, MD (Inner Harbor)
October 15, 2010 10:30am – 1:30pm Canceled	Web-conference	Discuss ballot results *May need to cancel this conference call
October 18, 2010 10:30am – 12:30pm	Web-conference	If needed

11. Adjourn