

Minutes

Essential Reliability Services Working Group

Face to Face Meeting

June 7, 2017 | 12:00 – 5:00 p.m. Pacific Time

Meeting Location:

THE WESTIN SAN DIEGO

400 West Broadway
San Diego CA 92101 United States
Room: Topaz (Level 2)

In Person Participation: [MEETING REGISTRATION](#)

Remote Participation: Click on the registration link below for WebEx and receive access to the conference

Teleconference: +1-415-655-0002 US Toll | +1-416-915-8942 Canada Toll

WebEx June 7th Meeting

WebEx URL: [Join WebEx meeting](#)

Meeting number (access code): **858 376 368**

Meeting password: **ERSWG2017**

NERC On-Site Contact: Nicole Segal PhD, nicole.segal@nerc.net, (404)-446-2563

Agenda Items

Wednesday, June 7, 2017 (Lunch Provided)

12:00 – 1:00 PM Working Lunch – Provided

1:00 – 1:30 PM (*times are listed consistent with agenda, not of the actual discussion*)

1. Administrative

- a. Welcome and Introductions – *Tom Coleman, NERC Staff*
- b. [NERC Antitrust Compliance Guidelines](#) – *Nicole Segal, NERC Staff*
- c. Facilities & Safety Briefing – *NERC Staff*
- d. Chairs Reports– *Brian Evans-Mongeon, Todd Lucas ERSWG Co-Chairs – OC agreed with endorsing discontinuing M7*
 - i. Review May 17-18, 2017 Meeting Minutes – Approved after receiving no comments
 - ii. Review Agenda
 - iii. Next meeting confirmation/Future Meetings – Dates Confirmed (to be after VER meeting)
(1) August 2, 2017 – 12 PM to 5 PM, *Atlanta, Georgia (NERC)*

(2) August 3, 2017 – 8 AM to 12 PM, Atlanta, Georgia (NERC)

1:30-3:00 PM

2. Measures 1 – 4 Update – Frequency Subgroup

- a. Updates Measures 1-4 Discussion on Historic Reporting
 - i. Measure 2 – Troy provided an update that he and others are working with PNNL to include load damping component in historic calculations. PNNL is working on adding metrics to FRAT tool for all 4 interconnections. An update on PNNL work will be provided to the Resources Subcommittee (RS) in July. Measure 2 should be ready by end of this year for next year to have 2 full years of data to begin to trend and eventually include in the SOR.
 - (1) There was a discussion on whether including a load damping factor when examining the rate of change of frequency transpired.
 - ii. Measure 3 discussion on retention – Charge for this meeting. Is there any rationale for continuing or not continuing Measure 3 historic analysis. Troy indicated that it is premature to make any statement so the RS will continue to evaluating the data.
 - iii. Measure 4 - FRAT tool provides data on all frequency events in the interconnections. Matthew Varghese will be working with data and anticipated to have a process for data streams from the interconnections to NERC by the July RS meeting. An update on the process and evaluation of data will be reported to the ERS at the August ERS meeting.
- b. MRO Event – Bob Cummings reported on a September 2007 MRO disturbance. He indicated that the disturbance could be applied to a future case with light inertia. The goal is to examine an actual event on a future case with light inertia to test if the event results in the same islanding scenario. The ERSWG asked Bob Cummings to develop a Scope of study and bring the scope to the August or September ERS meeting for consideration.
- c. **Update on development of forward looking Measure 1-4 analysis methods**
 - i. On June 26th there will be a meeting at NERC to discuss Measures 1-4 future cases, which includes what year's model to be used for the East Interconnection and WECC. It was noted that Julia Matevosyan has a process in place for ERCOT. Objective from June 26th meeting is to develop a going forward plan.

3:00 – 3:30 PM

3. Measure 6 – Ramping Subgroup

- a. Status report on Measure 6 Historic analysis
 - i. Rodney O'Bryant shared that all are on board and a working, white paper has been reviewed, out for comment today. Reviewing CAISO report for inclusion into white paper. Timeline – reporting pilot run over the next month for completion in early third quarter.
- b. Update on Measure 6 forward looking Progress to be reported at next meeting.

- i. Rodney reported that the coordination with Probabilistic Assessment Working Group (PAWG) and Reliability Assessment Subcommittee (RAS) emphasized. It was mentioned that ramping has probabilistic characteristics. In the most recent PAWG survey to the 21 assessment areas, future ramping issues with an increased penetration of variable energy resources was expressed as a concern. Rodney reported he will send out meeting invite and include Noha and others on the invite to begin coordination.
- c. Subgroup report on forecasting capability within the Measure 6 subgroup –
 - i. Groups are talking about pulling this capability together. Mark. Ahlstrom indicated that UVIG is hosting a Probabilistic forecasting workshop and it will be taking place in Atlanta within the next two weeks.

3:30 – 3:45 PM Break

3:45 – 4:15 PM

4. Distributed Energy Resources – DER Subgroup

- a. Updates on SAR to modify MOD-032 to replace LSE with DP
 - i. Rich Hydzik presented where his team was with on the MOD-032 SAR and sought confirmation on the submission of the SAR to the NERC Standards Committee. Group agreed with the plan to submit the SAR with stated modification of LSE to DP. Rich H. asked “who is the submitter?” After discussion, Rich H. will submit the SAR on behalf of the ERSWG.
- b. Update on draft technical brief/reliability guide to provide guidance on DER data needs for TPs, BAs, & TOPs/RCs.
 - i. Rich H. Indicated there was not much progress made on this work item since the last meeting. However he anticipates a draft guideline will be put together and circulated with a subgroup consistent with the timeline he presented in the May meeting which outlined that draft guidance should be available at the August ERSWG meeting.
 - ii. Nicole indicated that the NERC communications department has developed a draft script for a DER video based on the DER final report. The DER draft script will be sent out to the ERSWG leadership for their edits, comments, and recommendations.

4:15 –4:30 PM

5. Voltage -

- a. Discontinuance of Measure 7
 - i. It was reported that the Operating and Planning Committees both supported the request to discontinue Measure 7 at their respective meetings.
- b. Forward looking perspectives.

- i. John S. and Ryan Q. have not had a chance for discussion. Nicole S. will send out a conference call invite to the voltage sub-group for a Brainstorming call.
- ii. Nicole S. requested in preparation for the meeting – Please come with 2 Questions on Voltage Issues that System Operators are currently experiencing or will experience in the future due to changes on the BPS (e.g. more power electronic devices on the BPS and more retirements of synchronous generation).

4:30 –4:45 PM

6. Policy Subcommittee – Policy Subgroup

- a. Provide updates on reaching out to policy makers
 - i. Mark Ahlstrom and Dave Canter reported that they are currently working on modifying a present document so that it is ready to post as an assessment brief. They asked for volunteers to work with Mark and Dave on reviewing a Measure 10 weak grid guideline.

4:45 PM – 5:00 PM

7. Other Measures, Open Issues and New Items

- a. Round table and parking lot discussion
 - i. Reminder June 26th meeting at NERC office on Future Measures 1-4 Analysis.
 - ii. August 2nd – 3rd meeting Atlanta Offices, change from posted schedule which previously had August 1st – 2nd as the ERS meeting.

5:00 PM

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