

Minutes

Essential Reliability Services Working Group

September 14, 2016 | 12:00 – 5:00 p.m. Mountain Time

September 15, 2016 | 8:00 a.m. – 12:00 p.m. Mountain Time

Hyatt Phoenix

Room: Russell

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NERC Antitrust Compliance Guidelines and Public Announcement

Agenda Items

September 14, 2016

1. **Lunch – Provided**
2. **Co-chairs' remarks** – Todd Lucas, Brian Evans-Mongeon – Done
3. **Report Development Update** – Mark Ahlstrom and Dave Canter – Day 2 – The group discussed the list of potential recommendations for both reports based on discussions at the meeting.
4. **Discuss DERTF Subgroup Activities** – The group discussed comments on DERTF report. There was a discussion on BES implications from planning perspective. It was stressed to recommend importance of need for situational awareness (SA) for T operators. Lorenzo from CAISO mentioned that DSO is not a universally recognized term and utilities will need to have SA, but more draft some language for chapter 6 and dealing with T & D interface. The DER definition, functional model inclusion, and NERC's role in defining DERs was discussed. One thought provided by John Moura was to add the functionality of a DSO under the existing role of DP. Ryan Quint presented the current work on DER in the Load Modeling Task Force. Ryan pointed out the challenge with removing LSE as an applicable entity from MOD -032 & 033. There was discussion as to whether this would prevent some Transmission modelers from getting DER related data from their distribution system. It was suggested on Day 2 to support the efforts of LMTEF, by means of DERTF Chapter 7 – review of standards. There was some discussion on whether this is a one off problem, because most TO's, TOP's don't see this issue.
5. **Break**
6. **Discuss ERS Subgroup Activities** – Sufficiency Guidelines
 - a. **Frequency Support** – Julia Matevosyan – Julia provided an update on the sufficiency guideline section on frequency.
 - i. **Resources Subcommittee (RS) Update** – Troy shared the latest collected data on Measures

1 and 2. Measure 3 was also slated to be requested from BAs, and Todd Lucas is taking a

lead on it. Measure 4 events have been selected and will be reviewed in the coming quarter to be included in the SOR report for 2017. Troy also presented his results on hourly CPS1 analysis for ramping.

- ii. Frequency Response Presentation – Ryan Quint – Ryan presented his work on frequency response perspectives. There was a proposal on including some aspects of having a zero inertia system (hours where there could be 100% inverter-based resources). The group consensus was to include comments referencing the current efforts in the white paper and provide more detail from studies and research for the final report on sufficiency in 2017.

September 15, 2016 (No Breakfast)

1. Discuss ERS Subgroup Activities (cont'd)

- a. Voltage Support – John Simonelli - John provided an update on Voltage subgroup reports. The abstract of the reactive guideline was provided to the group before this meeting. That abstract and some additional language will be included in the sufficiency whitepaper.
 - i. Performance Analysis Subcommittee (PAS) Update – Paul provided the group with an update on PAS efforts to collect Measure 7 data. The request was sent to BA compliance contacts and there was a question on why it was sent to BA's and not TOP's. The PAS had a discussion on that at length and it was decided to reach out to BA's. The data is due middle of October and will be turned to SAMS group for evaluation after.
- b. Load Ramping – Rodney O'Bryant & Clyde Loutan – Rodney provided group with an update on ramping guidelines and also the work they did for RAS. Troy and Rodney will reach out to some BA's that are willing to test the screening methodology and provide the results for RAS's inclusion in the LTRA.
 - i. Reliability Assessment Subcommittee (RAS), & RS Update – See above

2. Break

3. Next Meeting

- a. November 8-9, 2016 – Working Meeting, South Carolina Electric and Gas (SCEG), Sullivan's Island, SC
- b. December 14-15, 2016 – Atlanta GA Location TBD – NOT NERC Offices

4. Close Meeting

Attendees:

In Person: Rich Hydzik, Paul Turner, Kara Clark, Jason MacDowell, Charlie Smith, Nick Miller, Hassan Hamdar, Layne Brown, Julia Matevosyan, Dave Canter, Mark Ahlstrom, Pooja Shah, Brian Evans-Mongeon, Todd Lucas, Troy Blalock, John Simonelli, Paul McCurley, John Hughes, Tony Jankowski, Sasoon Assaturian, Rodney O'Bryant, Jagan Madavali, Clyde Loutan, Andrew Clarke, Hari Singh, Sylvester Toe, Donna Pratt, Gerry Beckerle, Glen Stevens, Carl Turner, Pat Poli, Ryan Quint, Jim Case, Al Corbett, Ray Kershaw, Tom Coleman, Elliott Nethercutt, Lee Pedowic, Joe Spencer, Amir Najafzadeh, Deepak Ramasubramaniam, John Moura, Tom Siegrist, Doug Houz, Ralph Rufrano, Bob Collins, Mike Lombardi

Phone: Mike McMullen, Lorenzo Kristov, Joe Mulhern, Aidan Tuohy, Gary Keenan, Brant Werts, Ali Meremadi, Maya Prica (Visiting Scholar, FERC), Donna Jordan, Jun Wen, Barry Mathers