

Demand Response Subcommittee PJM Conference and Training Center October 30, 2017 9:30 a.m. – 12:00 p.m. EPT

Administration

- 1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. Roll was called
 - B. Prior minutes for the 09/22/2017 meeting were approved as final.
 - C. Additonal agenda item: Ms. Katie Guerry, EnerNOC, discussed a problem statement that she plans to introduce at the next MIC for Seasonal Registration Aggregation. A short description was posted to the material for the DRS meeting.
 - D. The following DRS meeting dates for next year were reviewed.

Friday	1/12/18
Monday	2/12/18
Tuesday	3/27/18
Wednesday	4/18/18
Monday	5/21/18
Friday	6/22/18
Monday	7/16/18
Thursday	8/30/18
Tuesday	9/25/18
Wednesday	10/24/18
Friday	11/16/18
Monday	12/10/18

- E. Brief update/discussion of DR related activity in other stakeholder groups:
 - a. MRC Order 831 (Offer Cap) manual changes were approved. PJM plans to publish guidelines for Incremental Costs greater than \$1000 after some costs have been received. The implementation is on hold pending receipt of a FERC order.
 - b. The DER (Distributed Energy Resource) Special Task Force has been initiated.
 - c. The Incremental Auction Senior Task Force is reviewing whether there should be any changes to the number of incremental auctions. Consensus has not been reached so discussions will continue.
 - d. Summer DR Senior Task Force a facilitator has been identified and is working to try and schedule a meeting before the end of the year.



PRD Review for CP Requirements

2. Mr. Pete Langbein, PJM, reviewed the poll results that were discussed at the MIC and MRC first read. Next steps are endorsement at the 11/8/17 MIC and MRC/MC on 12/7/17. At the MRC and MIC, it did not appear that the 3 solutions could be combined into one.

Review PJM add backs

3. Mr. Jack O'Neill, PJM, reviewed the PJM add back process as well as the 5 summer CP days and 5 winter peak load days which have been posted (link is in presentation). An email will be sent out with instructions for downloading the addbacks in DR Hub when they are posted.

Begin education for new DR CP Winter Peak Load Calculation issue statement

4. Mr. Pete Langbein reviewed the problem statement and issue charge. The 2 issues are identified are: i) WPL is low when customer's load is low on winter peak day due to a maintenance outage and ii) addbacks are not used when DR CP resources are dispatched by PJM in the winter. Mr. Jack O'Neill, PJM, presented education on the Winter Peak Load calculation process. An example of how to calculate the WPL was reviewed along with the timeline of when data for the calculation is available. WPL currently uses metered load without any addbacks, so if a site was down for the 5 winter peak days, the WPL would be zero.

Energy Efficiency RERRA Review

5. Components and associated solutions were reviewed and the matrix updated with some clarifications. 2 Solution packages were also reviewed. One package is focused on leverage existing 719A DR rules, but only doing review for EE providers (much easier process for all) for EE resources. The 2nd proposal is focused on only allowing RERRA to have EE resources opt out of the wholesale market if RERRA evidence is approved by FERC. The 2 different proposals are focused on two different processes depending on the answer to the Federal/State jurisdictional issue. The plan is to review one last time at the DRS and then escalate to the MIC for direction. The DRS will go to the MIC with the two proposed RERRA review processes and seek clarification on the following issue charge statement "the establishment of rules requiring that the providers of Energy Efficiency Resources comply with any RERRA orders, ordinances or resolutions relating to the participation of energy efficiency in the PJM markets". The understanding was for the DRS to develop RERRA review process to apply if FERC provides more direction on the jurisdictional issue.

Future Agenda Items

No additional future agenda items were identified.

Future Meeting Dates

Wednesday	11/15/2017
Friday	12/8/2017

9:30 am - 12:00 pmPJM Conference & Training Center/ Webex9:30 am - 4:00 pmPJM Conference & Training Center/ Webex

In Attendance

Langbein, Peter (Chair) Yeaton, Andrea (Secretary) PJM Interconnection, LLC PJM Interconnection, LLC Not Applicable Not Applicable

Draft Minutes



Carmean, Gregory Foladare, Kenneth Guerry, Katie Long, Glenn Marzewski, Skyler Nyemko, Masha O'Neill, Jack Scarpignato, David Whitehead, Jeffrey

OPSI Tangibl EnerNOC, Inc. PJM Interconner Monitoring Ana

PJM Interconnection, LLC Monitoring Analytics, LLC PJM Interconnection, LLC PJM Interconnection, LLC Calpine Energy Services, L.P. GT Power Group

Not Applicable Not Applicable Other Supplier Not Applicable Not Applicable Not Applicable Generation Owner Not Applicable

Other Supplier

In Attendance via WebEx / Teleconference

Ainspan, Malcolm Alston, Rick Anthony, Jason Benchek. Jim Benchek, Jim Bhavaraju, Murty Bolan, Martin Campbell, Bruce Caruthers, Anna Cornett, Stephanie Cox, EdwardP DeLosa, Joseph Doremus, Steven Drom, Richard Dugan, Chuck Ehrichs, Lisa Feldman, Brett Feliks, Kent Fiano, Anna Filomena, Guy Fox, Angela Gahimer, Mike Gebolys, Debbie Hanser, Erik Haynes, Gregory Heinle, Frederick Hendrzak, Chantal Hewett, Christopher Hoatson, Tom Hohenshilt, Jennifer Horstman, Andrew Horstmann, John Hudis, Gabriella Johnson, Carl Kaczanowski. Marek Kauffman, Brian Mabry, David McAlister, Lisa McDaniel, John Meridionale, Kevin Midgley, Sharon Miller, John Ondayko, Brock Patten, Kevin Peoples, John Pisarcik, David Polka, Joseph Poulos, Greg Powers, Sean Robins, Pip Rohrbach, John Rohrbach, John Rothey, Kristin Rutigliano, Tom

Achieving Equilibrium LLC Old Dominion Electric Cooperative KORenergy, Ltd. FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. PJM Interconnection, LLC FirstEnergy Solutions Corp. EnergyConnect, Inc. FirstEnergy Solutions Corp. East Kentucky Power Cooperative, Inc. Appalachian Power Company **DE Public Service Commission** EnerNOC, Inc. Eckert Seamans East Kentucky Power Cooperative, Inc. Duke Energy Business Services LLC Navigant Consulting, Inc. Appalachian Power Company KeyTex Energy, LLC Customized Energy Solutions, Ltd. Wylan Energy, L.L.C. IN Office of Utility Consumer Counselor Public Utilities Commission of Ohio (The) Michigan Public Service Commission Energy Authority, Inc. (The) Office of the People's Counsel PJM Interconnection, LLC Virginia Electric & Power Company Riverside Generating, LLC Talen Energy Marketing, LLC Wabash Valley Power Association, Inc. Dayton Power & Light Company (The) Jersey Green Energy LLC Customized Energy Solutions, Ltd.* Baltimore Gas and Electric Company NRG Curtailment Solutions McNees Wallace & Nurick LLC American Municipal Power, Inc. Baltimore Gas and Electric Company Jersey Central Power & Light Company Exelon Business Services Company, LLC Commonwealth Edison Company Appalachain Power Company Appalachain Power Company Duquesne Light Company Customized Energy Solutions, Ltd.* Duquesne Light Company CAPS Linde Energy Services, Inc. EMC Development Company, Inc. Southern Maryland Electric Cooperative Southern Maryland Electric Cooperative American Municipal Power, Inc. Achieving Equilibrium LLC

Electric Distributor Other Supplier Transmission Owner Transmission Owner Not Applicable Transmission Owner Other Supplier Transmission Owner Transmission Owner Transmission Owner Not Applicable Other Supplier Not Applicable Transmission Owner Generation Owner Not Applicable Transmission Owner Other Supplier Not Applicable Not Applicable End User Customer Not Applicable Not Applicable Other Supplier End User Customer Not Applicable Transmission Owner Other Supplier Generation Owner Electric Distributor Transmission Owner Other Supplier Not Applicable Transmission Owner Other Supplier Not Applicable Electric Distributor Transmission Owner Not Applicable Transmission Owner Not Applicable End User Customer Other Supplier Electric Distributor Electric Distributor Electric Distributor Other Supplier



Draft Minutes



Schreim, Morris Singer, Chad Slagel, Ronald Wilmoth, Emily

Author: Andrea Yeaton

Maryland Public Service Commission Fellon McCord Other Dominion Virginia Power Not Applicable Not Applicable Not Applicable Not Applicable