

**Demand Response Subcommittee
PJM Conference and Training Center
December 12, 2016
9:30 a.m. – 11:20 p.m. EPT**

Administration

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. Roll was called.
 - B. Prior minutes from the 11/11/2016 meeting were approved without modification.
 - C. No agenda items were identified.
 - D. Brief update/discussion of DR related activity in other stakeholder groups:
 - a. MIC – 5 minutes settlement filing is being discussed
 - b. MC Special Session – DER under discussion. This impacts DR with batteries, etc.
 - c. Planning Committee – DER interconnection requirements under discussion

CP Non-Summer CBL Process

2. Mr. Pete Langbein, PJM, provided an update the recent seasonal capacity resource filing, highlighting changes to the filing since the last DRS meeting. There are two pieces to the filing. a) new Summer Period product effective 2020/2021 b) Capacity Performance M&V changes which include summer vs winter nomination (with Winter Peak Load and Winter FSL). For any 2017/2018 registrations, CSP with Capacity Performance registrations are requested to input them as per current rules, then if FERC order a change to the M&V, a process will be developed to augment the registration with the Winter Peak Load and Winter FSL.

Emergency Energy M&V

3. Mr. Jack O'Neill, PJM, reviewed how Emergency Energy M&V will be implemented which became effective on 11/1/2016. All registration will use the default CBL Method of Standard 3 Day Type with SAA and do not need to submit a CBL Test (RRMSE), instead of the hour before method. CSPs will not have to update or change their registrations as PJM will be updating the CBL Method on the registrations as necessary.

DR Load Management Open Registration

Mr. Pete Langbein, PJM, reviewed components that changed on the matrix since the last meeting. Termination language was broken out into a component and testing requirements and replacement capacity rules were discussed.

DR Hub Update

4. Ms. Andrea Yeaton, PJM, gave an update on DR Hub (eLRS replacement). The Train UI release will be implemented on 1/12/2017. A data refresh from production will be done shortly before the implementation and users are asked to verify their data came over correctly. Training on the UI will be

announced shortly. The production release is still targeted for 4/2/2017. CSPs are reminded that the current Web Services Soap protocol for eLRS will not work in DR Hub and that a switch must be made to use the Rest protocol. Details can be found on the DR Hub web page at:

Future Agenda Items

No future agenda items were identified.

Future Meeting Dates

Friday	1/27/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	2/22/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	3/15/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Friday	4/7/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	5/16/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	6/14/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	7/17/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	8/29/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Friday	9/22/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	10/30/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	11/15/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Friday	12/8/2017	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex

In Attendance

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Long, Glenn	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
McAnany, James	PJM Interconnection, LLC	Not Applicable
Nyemko, Masha	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Pisarcik, David	Customized Energy Solutions, Ltd.*	Not Applicable
Pratzon, David	GT Power Group	Not Applicable

In Attendance via WebEx / Teleconference

Ainspan, Malcom	Energy Curtailment Specialists, Inc.	Other Supplier
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Boucher, Mark	CPower, Inc.	Other Supplier
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Caruthers, Anna	FirstEnergy Solutions Corp.	Transmission Owner
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Cox, Phil	Appalachian Power Company	Transmission Owner
Erichs, Lisa	Duke Energy Business Services LLC	Generation Owner
Fiano, Anna	KeyTex Energy, LLC	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hoyt, Matthew	Exeter Associates, LLC	Not Applicable
Hudis, Gabriella	Gabel Associates	Not Applicable



Draft Minutes

Klink, Troy
Korczykowski, Ryan
Lang, Courtney
Mabry, David
Malkin, David
Matheson, Doug
Midgley, Sharon
Miller, John
Norton, Chris
Ondayko, Brock
Philip, Richard
Rutigliano, Tom
Sasser, Jonathan
Scoglietti, Barbara
Wehr, Christopher
Wiegand-Jackson, Laurie
Wilmoth, Emily
Wiltse, Alexandra

FirstEnergy Solutions Corp.
NuEnergen, LLC
NRG Curtailment Solutions
McNees Wallace & Nurick LLC
KORenergy, Ltd.
EnerNOC, Inc.
Exelon Business Services Company, LLC
Commonwealth Edison Company
American Municipal Power, Inc.
Appalachain Power Company
Duke Energy Business Services LLC
Achieving Equilibrium LLC
Customized Energy Solutions, Ltd.*
Tangent Energy Solutions, Inc.
Metropolitan Edison Company
North America Power Partners LLC
Dominion Virginia Power
Baltimore Gas and Electric Company

Transmission Owner
Other Supplier
Other Supplier
Not Applicable
Other Supplier
Other Supplier
Transmission Owner
Transmission Owner
Electric Distributor
Transmission Owner
Transmission Owner
Other Supplier
Not Applicable
Other Supplier
Transmission Owner
Other Supplier
Not Applicable
Transmission Owner

Author: Andrea Yeaton

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Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.