

Demand Response Subcommittee
PJM Conference and Training Center
January 27, 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. Minutes from the 12/12/2016 meeting were approved as published.
 - C. Additional agenda item:
 - a. Pat Bruno gave an update on replacement transaction timing. The slides were posted to the DRS meeting material by the end of the meeting.
 - D. Brief update/discussion of DR related activity in other stakeholder groups:
 - a. MIC Special Session on 2/1/17 on Distributed Energy Resources. Related to that is a FERC NOPR on capacity storage and DER. PJM will file comments on NOPR in February.
 - b. Regulation Senior Task Force is close to voting on some topics.
 - c. OC and MC - Emergency Messages for Synchronized Reserves will be rolled out
 - d. Planning Committee – Winter resource requirements under discussion
 - e. MRC – Ed Tatum has introduced a Capacity Markets problem statement
 - f. MIC – Manual changes for Seasonal Capacity are being worked on

Order 831 status

2. Mr. Pete Langbein, PJM, gave a summary of Order 831 and the impacts to DR energy offer caps. The Order will not affect the current Delivery Year, but offer caps for the 2017/2018 DY will be \$1000 unless costs are approved by PJM. CSPs should use the current price caps when registering, not zero as previously requested.

CSP Load Management training requirements

3. Mr. Mike Hoke, PJM, reviewed the proposed Load Management training requirements. Currently, the only training required by CSPs is for Ancillary Services. CSPs have to respond to Load Management events, so training should be required with respect to Emergency Procedures.

DR Load Management Open Registration

4. Mr. Pete Langbein, PJM, led a discussion on matrix solution packages. Jack O'Neill gave examples on different scenarios of how testing resources would work depending on if the resources had already tested. Packages will be reviewed at the next meeting and a poll will be conducted after that to gauge support.

DR Hub Update

- Ms. Andrea Yeaton, PJM, gave an update on DR Hub (eLRS replacement). The next release to the Training environment will be for Web Services enhancements on Jan. 31. After that, there will be a release of more functionality to the Training environment late Feb/early March, which will include another refresh of the data from production. The data from production is limited to the last 2 full years of registrations. Details can be found in the FAQ on the DR Hub web page at [here](#). Mr Glenn Long, PJM, reviewed the contents of the upcoming Web Services release which includes additional criteria for selecting locations and registrations.

Future Agenda Items

No future agenda items were identified.

Future Meeting Dates

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-Person Attendance

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Hoke, Mike	PJM Interconnection, LLC	Not Applicable
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Long, Glenn	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
Watts, Shane	PJM Interconnection, LLC	Not Applicable

In Attendance via WebEx / Teleconference

Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Aquiro, Beatriz	Virginia Electric & Power Company	Transmission Owner
Austin, Larry	PJM Interconnection, LLC	Not Applicable
Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bruno, Joshua	PJM Interconnection, LLC	Not Applicable

Campbell, Bruce
Carmean, Gregory
Cornett, Stephanie
Cox, Phil
DeLosa, Joseph
Dickson, Douglas
Doremus, Steven
Ehrichs, Lisa
Farber, John
Feliiks, Kent
Fiano, Anna
Filomena, Guy
Gebolys, Debbie
Guerry, Katie
Hagaman, Derek
Heise, Randi
Horstmann, John
Klink, Troy
Lang, Courtney
Long, Glenn
Mabry, David
Malkin, David
Mariam, Yohannes
Marzewski, Skyler
McDaniel, John
McGuirk, Brian
Miller, John
Musser, Claire
Neppl, Tari
Norton, Chris
Peoples, John
Pisarcik, Dave
Reynoso, Alain
Rice, Jackie
Rutigliano, Tom
Scoglietti, Barbara
Wehr, Christopher
Wilmoth, Emily
Wiltse, Alexandra

EnergyConnect, Inc.
OPSI
East Kentucky Power Cooperative, Inc.
Appalachian Power Company
DE Public Service Commission
New Jersey Board of Public Utilities
EnerNOC, Inc.
Duke Energy Business Services LLC
DE Public Service Commission
Appalachian Power Company
KeyTex Energy, LLC
Customized Energy Solutions, Ltd.*
Public Utilities Commission of Ohio (The)
EnerNOC, Inc.
GT Power Group
Dominion Virginia Power
Dayton Power & Light Company (The)
FirstEnergy Solutions Corp.
NRG Power Marketing LLC
PJM Interconnection, LLC
McNees Wallace & Nurick LLC
KOREnergy, Ltd.
Office of the Peoples Counsel for the District of Columbia
Monitoring Analytics, LLC
Baltimore Gas and Electric Company
Direct Energy Business Marketing, LLC
Commonwealth Edison Company
Tangent Energy Solutions, Inc.
CPower Corp
American Municipal Power, Inc.
Duquesne Light Company
Customized Energy Solutions, Ltd.*
CPower Corp
Dominion Energy Marketing, Inc.
Achieving Equilibrium LLC
Tangent Energy Solutions, Inc.
Metropolitan Edison Company
Dominion Virginia Power
Baltimore Gas and Electric Company

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