

**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 Season Resource Adequacy 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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