

Demand Response Subcommittee  
PJM Conference and Training Center  
April 18, 2018  
9:30 a.m. – 11:00 p.m. EPT

## Administration

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
  - A. Roll was called in-person only.
  - B. Minutes from the 3/27/2018 meeting were approved without any changes.
  - C. An additional agenda item was identified. See Item 7 below.
  - D. Brief update/discussion of DR related activity in other stakeholder groups:
    - a. FERC – there was a Technical Conference on DER last week. There may be a written follow-up if FERC requests it.
    - b. FERC gave an order on the the Energy Efficiency issue, accepting it as written.
    - c. The OC is working on the 30 minute reserve product that may have an impact on DR.
    - d. MIC – working on the balancing ratio calculation which uses the number of hours assumed, currently set to 30. If that number changes, the capacity compliance penalty rate will change for all participants.

## Seasonal DR Aggregation Registration Rules

2. Ms. Andrea Yeaton, PJM, reviewed a new timeline for the issue that extended the timeframe by one month but is still expected to be completed by the end of 2018. The tariff and manual changes will be completed and thoroughly reviewed before the next DRS. They will be posted as they are completed so members have a chance to review and send feedback prior to MIC first read.

## DH Hub change to require Webservice verification for CSP Load Management test events

3. Mr. Jack O'Neill, PJM, reviewed more details on a new PJM process to include CSP Webservice verification for CSP scheduled Load Management tests. CSPs will continue schedule tests in DR Hub the same way, except the CSP will be required to acknowledge the test event through DR Hub. The CSPs may use the events to test their notification systems to their customers if they wish. CSPs expressed support for this enhancement. Some CSPs expressed concern about the timeline. CSPs were asked to review the slides with their technical teams responsible for Load Management event notifications and bring back any concerns, question or feedback on the process. If there is enough interest, DR Ops will have a 1 hour technical review or have some time at the next DRS to go over technical details. Feedback is welcome at any time by sending an email to [dsr\\_ops@pjm.com](mailto:dsr_ops@pjm.com).

## Review of WPL missing data process for Load Management CP registrations

- Mr. Pete Langbein, PJM, reviewed the exception process if the customer did not have an interval meter in Delivery Year minus 2 to calculate the WPL. If a CSP must use Delivery Year minus 1 meter data because the customer did not have an interval meter for DY-2 winter, the CSP must contact PJM in advance for approval, and then make changes to the calculation to pro-rate the difference between the Winter Weather Adjustment Factor for the different years. The Winter CP days for 2017/2018 to be used for the 2019/2020 Delivery Year were posted shortly after the DRS meeting and can be found [here](#).

## DR CP Winter Peak Load Calculation

- Mr. Jack O'Neill, PJM, reviewed Manual and Tariff language representing the consensus package. There is no change to the Tariff, and Manual 18 section 4.3.7 had several changes for WPL calculation for the time period, the exclusion criteria and the exception criteria. The manual change will be presented at the next MIC. This change is expected to be effective for the 2019/2020 Delivery Year.

## Offer Verification Update (Order 831)

- Mr. Glenn Long, PJM, reviewed the process to make economic energy offers over \$1,000 under Order 831 which became effective on April 12, 2018. A CSP can request an offer cap over \$1,000 by submitting Incremental Costs along with supporting documentation to PJM at [dsr\\_ops@pjm.com](mailto:dsr_ops@pjm.com). The costs will be reviewed and approval/denial sent to the CSP. If approved, the new offer cap will be effective in Markets Gateway the next business day. If a CSP wishes to offer greater than \$2000, an offer must be placed in Markets Gateway for \$2000 and an email sent to [dsr\\_ops@pjm](mailto:dsr_ops@pjm.com) with the offer details. The CSP is responsible that they have supporting documentation of incremental cost for each offer period when the offer is greater than \$1,000. The IMM indicated they will be auditing every offer over \$1000.

## Change to Emergency Procedures Posting

- Mr. Jack O'Neill, PJM, discussed an upcoming enhancement to Emergency Procedures postings for Load Management events where the load reduction start time will be an additional element on the screen. Currently, the start time is implied by adding lead time to the notification time. This change was needed as the start time can change with a DARA (no-notice event). It's also needed to facilitate PAI over ICCP notification for generators. One trigger for PAI is the Load Management event, so the start time must be explicit, not implied.

## Future Agenda Items

No future agenda items were identified.

## Future Meeting Dates

Monday	5/21/2018	9:30 am – 12:00 pm	PJM Conference & Training Center/ Webex
Friday	6/22/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	7/16/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Thursday	8/30/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	9/25/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	10/24/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex

Friday	11/16/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	12/10/2018	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
Borgatti, Michael	Gabel and Associates	Not Applicable
Foldare, Kenneth	Tangibl	Not Applicable
Fuess, Jay	Energy Consulting Services LLC	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Henry, Thomas	PJM Interconnection, LLC	Not Applicable
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Long, Glenn	PJM Interconnection, LLC	Not Applicable
Lu, Chenchao	PJM Interconnection, LLC	Not Applicable
Marezewski, Skyler	Monitoring Analytics, LLC	Not Applicable
McAnany, James	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Pratzon, David	GT Power Group	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Whitehead, Jeffrey	GT Power Group	Not Applicable

## In Attendance via WebEx / Teleconference

Anthony, Jason	KORenergy, Ltd.	Other Supplier
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Brown, David	New Jersey Board of Public Utilities	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Cox, EdwardP	Appalachian Power Company	Transmission Owner
Feldman, Brett	Navigant Consulting, Inc.	Not Applicable
Feliks, Kent	Appalachian Power Company	Transmission Owner
Fiano, Anna	KeyTex Energy, LLC	Other Supplier
Fields, William	Maryland Office of Peoples Counsel	End User Customer
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fox, Angela	Wylan Energy, L.L.C.	Not Applicable
Fuess, Christian	Energy Consulting Services LLC	Other Supplier
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Herel, Suzanne	RTO Insider	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Kalle, ibrahima	Tibiri Energies	Not Applicable
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
Matheson, Doug	EnerNOC, Inc.	Other Supplier
Miller, John	Commonwealth Edison Company	Transmission Owner
Nyemko, Masha	PJM Interconnection, LLC	Not Applicable
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Pisarcik, Dave	Customized Energy Solutions, Ltd.*	Not Applicable
Polka, Joseph	Duquesne Light Company	Transmission Owner
Ring, Eric	Enerwise Global Technologies, Inc.	Other Supplier



# Draft Minutes

Sasser, Jonathan  
Trevino, Rita  
Wehr, Christopher  
Wiegand-Jackson, Laurie  
Wilkie, Brian  
Zephyr, Frantz

Customized Energy Solutions, Ltd.\*  
Siemens Industry, Inc.  
Ohio Edison Company  
North America Power Partners LLC  
Consolidated Edison Solutions, Inc  
Public Service Electric & Gas Company

Not Applicable  
Other Supplier  
Transmission Owner  
Other Supplier  
Other Supplier  
Transmission Owner

Author: Andrea Yeaton

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)  
Visit [learn.pjm.com](http://learn.pjm.com) an easy-to-understand resource about the power industry and PJM's role.