

Demand Response Subcommittee
PJM Conference and Training Center
March 27, 2018
9:30 a.m. – 12:30 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 2/12/2018 meeting were approved without any changes.
 - C. An additional agenda item was identified. See Item 9 below.
 - D. Brief update/discussion of DR related activity in other stakeholder groups:
 - a. FERC will have 2 technical conferences in April – DER aggregation and seasonal DR.
 - b. MIC DER Subcommittee – ongoing discussions that could impact DR.

5 minute settlement compliance filing update

2. Ms. Masha Nyemko reviewed the PJM 5 minute settlement compliance filing and associated impacts on DR energy settlements, effective 4/1/2018. A CSP may choose to use 5 minute metering for a customer, but if chosen, it may not be changed back to hourly (comparable to generators), all customers on that registration must use 5 minute metering, and it will apply to both Economic and Load Management registrations that have that location. The meter must be within a 2% error margin and be approved by PJM. For energy settlements M&V, the entire event day must be uploaded in 5 minute increments as well as the hourly data. There will be an MSRS report that shows the details of the 5 minute settlement.

Review of Load Management deadlines for upcoming BRA and discussion of any issues with existing registration process

3. Mr. Jack O'Neill reviewed upcoming Load Management deadlines for the upcoming 2020/2021 BRA. Deadlines include dates to register pre-existing MW, confirmation in eRPM, Sell Offer Plans/Officer Certifications, and DR eRPM Setup window. The BRA runs May 10th through 16th. A registration-related process discussion was held which included difficulty in getting meter data to calculate the WPL from EDCs and suggestions for a DR Hub user guide.

DR CP Winter Peak Load Calculation

4. A package based on the quantitative approach that had the most support at the last meeting was presented. The components of the package were reviewed and members were asked if there was any opposition to this approach. Based on the positive response, manual language will be presented at the next meeting so it can be reviewed by DRS before proposal is presented at the MIC for endorsement.

Seasonal DR Aggregation Registration Rules

5. Components were reviewed again along with changes from the last meeting highlighted in red. A new component was added for the Credit Calculation for Existing MW. A package was presented based on the four components that indicated a change would be needed. The members were asked if anyone had any other proposals and as there were no objections to the approach presented. PJM will review manual and tariff language at the next meeting prior to sending to MIC for endorsement.

DR Hub Update

6. Ms. Andrea Yeaton, PJM, noted that DR Hub was coming up on its one year anniversary and shared some highlights from the implementation. The last DR Hub release on March 13 included a XSD change for Web Services and updated Load Management reports on the UI. A Web Services bug had been identified after the release and temporary fix was communicated to CSPs. The next DR Hub release will include an enhancement to allow CSPs to update the WPL field for Base Product registrations and to allow updates to the Max Load Reduction on economic registrations to support validation of energy offers in Markets Gateway (see Item 7 for details).

Energy Offer Limits in Markets Gateway

7. Ms. Masha Nyemko reviewed an upcoming DR Hub and Markets Gateway change to limit energy offers to the DR Hub maximum load reduction amount. CSPs will update the location Load Reduction Methods, which will update the Max Load Reduction on any associated economic registrations overnight. Energy offers in Markets Gateway will be capped at the value of the Max Load Reduction. This will help prevent mistakes in entering offers in Markets Gateway.

Brief Review of Non-interval Metered Customer Experience with M&V Rules

8. Mr. James McAnany, PJM, reviewed the non-interval metered customer experience with M&V rules that transitioned from using studies to sample meter data. Since it was implemented in 2015, there is now 2 years' worth of experience with the new rules. Interval (all sites are metered) and non-interval (not all sites are metered) were compared year over year with number of CSPs, number of sites, and Reduction MWs. It was noted that most CSPs that use sampling for non-interval metered sites used a 3rd party to design and implement the sample.

Proposed Enhancement to DR Hub for Load Management Tests

9. Jack O'Neill, PJM, proposed an enhancement to DR Hub around Load Management testing. Testing is performed if there are no Load Management events during the delivery year. The last mandatory event was in 2013 and PJM would like to ensure all communication are working correctly to avoid any issues when DR is dispatched. The proposal is that when a CSPs schedules a Load Management Test in DR Hub, DR hub will create Load Management Test events and send to CSPs to acknowledge through Webservices. CSPs are encouraged to provide feedback to DR Ops before the next DRS meeting.

Future Agenda Items

No future agenda items were identified.

Future Meeting Dates

Wednesday	4/18/2018	9:30 am – 12:00 pm	PJM Conference & Training Center/ Webex
Monday	5/21/2018	9:30 am – 4:00 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
Bruno, Joshua	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Henry, Thomas	PJM Interconnection, LLC	Not Applicable
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
Nyemko, Masha	PJM Interconnection, LLC	Not Applicable
O'Neill, O'Neill	PJM Interconnection, LLC	Not Applicable
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner

In Attendance via WebEx / Teleconference

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Anthony, Jason	KORenergy, Ltd.	Other Supplier
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Brown, David	New Jersey Board of Public Utilities	Not Applicable
Carmean, Greg	OPSI	Not Applicable
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Covino, Susan	PJM Interconnection, LLC	Not Applicable
Cox, Phil	Appalachian Power Company	Transmission Owner
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ehrichs, Lisa	Duke Energy Business Services LLC	Generation Owner
Ellen Driscoll, Mary	PJM Interconnection, LLC	Not Applicable
Fiano, Anna	KeyTex Energy, LLC	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fuess, Jay	Energy Consulting Services LLC	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kolo, Elta	GTM	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
Matheson, Doug	EnerNOC, Inc.	Other Supplier
Matheson, Doug	EnerNOC, Inc.	Other Supplier
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner



Draft Minutes

Philips, Marji
Pisarcik, Dave
Polka, Joseph
Ring, Eric
Rutigliano, Tom
Sasser, Jonathan
Swalwell, Brad
Trevino, Rita
Webster, John
Wiegand-Jackson, Laurie
Wilmoth, Emily

Direct Energy Business, LLC
Customized Energy Solutions, Ltd.*
Duquesne Light Company
Enerwise Global Technologies, Inc.
Achieving Equilibrium LLC
Customized Energy Solutions, Ltd.*
Tangent Energy Solutions, Inc.
Siemens Industry, Inc.
Dyon LLC
North America Power Partners LLC
Dominion Virginia Power

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

Author: Andrea Yeaton

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