

Demand Response Subcommittee
PJM Conference and Training Center
April 7, 2017
9:30 a.m. – 12:15 p.m. EPT

Administration

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. Roll was called.
 - B. The minutes for the 03/15/2017 meeting were accepted as final without any changes.
 - C. No additional agenda items were requested.
 - D. Brief update/discussion of DR related activity in other stakeholder groups:
 - a. The MIC Special Session for DER is still ongoing.
 - b. Winter reliability requirements are being discussed at the Resource Adequacy Analysis Subcommittee and Planning Committee.

DR Hub Implementation feedback

2. Mr. Pete Langbein, PJM, reviewed the DR Hub implementation that occurred on April 2. Feedback from members indicated the planning and preparation were good. One member suggested REST was a little slower than SOAP for webservice. Members are encouraged to send feedback to DRHubSupport@pjm.com.

DR Load Management Open Registration

3. Mr. Pete Langbein, PJM, reviewed an additional change to the Test Requirements on Package A and B. The IMM also clarified that new registrations should test on their first active day unless they are dispatched first by PJM. All 4 packages will be presented at the MIC scheduled for April 12.

Recent CP aggregation & DR M&V order

4. Mr. Paul Scheidecker, PJM, reviewed implementation of recent FERC rule changes that allow aggregation through RPM auction, create Summer Period DR and change DR nomination and M&V rules. There are 2 aggregation opportunities. Commercial Aggregation has existed for last 2 BRAs where members find their own partners. The option to aggregate through the auction was recently added by FERC. Facilitated auction aggregation of Seasonal CP Sell Offers involves PJM matching resources through clearing of the auction. RPM Training with more details is scheduled for April 18, 19 and 20.

Mr. Pete Langbein, PJM, reviewed how Capacity Performance resources for the upcoming Delivery Year will be impacted. A Winter Peak Load (WPL) and Winter FSL will need to be input by the CSP. DR Hub is being enhanced Mid-May to allow these values to be entered. The CSP will calculate the WPL and DR Hub will calculate the Winter FSL and Winter ICAP. The Annual ICAP will be the lesser of the Summer and Winter ICAP. CSPs are requested not to mark Capacity Performance registrations as "Completed" until the Winter values have been entered.

Act 129 implementation plan for 2017/18

- Mr. Jack O'Neill explained the implementation plan for Act 129 in the wholesale market, which affects resources located in Pennsylvania. Event days will be based on PJM load forecast, and Pennsylvania EDCs will provide an estimate of PJM and non-PJM reductions by hour the day before an event. The Act 129 reductions are limited to 6 per Delivery Year with a 4 hour duration. CSPs need to adjust their expected reductions to reflect ACT129 events.

Economic energy settlements are not eligible for compensation by PJM as they are considered normal operations. If there is a Load Management event then they are eligible for an emergency energy settlement.

Price Responsive Demand Issue Statement

- Mr. Pete Langbein reviewed the draft problem statement regarding Price Responsive Demand as a Capacity Performance resource. Existing PRD requirements will be reviewed to ensure they meet the Capacity Performance requirements and objectives. The main focus will be measurement and verification and financial penalties, but will also include some broader policy issues. The first read at the MIC will be the May meeting.

Offer cap impact on DR, Order 831

- Mr. Pete Langbein, PJM, reviewed the process to manage new DR energy offer cap which will be reviewed in detail at the next MIC. The staggered offer cap has been eliminated and replaced with a cap of \$1000 unless incremental cost justification has been provided and approved. PJM will provide a template to be filled out for offers over \$1000. Offers over \$2000 will be allowed but will not set price.

Future Agenda Items

No future agenda items were identified.

Future Meeting Dates

Tuesday	5/11/2017	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)
Yeaton, Andrea (Secretary)
Bastian, Jeff
Borgatti, Michael

PJM Interconnection, LLC
PJM Interconnection, LLC
PJM Interconnection, LLC
Gabel and Associates

Not Applicable
Not Applicable
Not Applicable
Not Applicable

Bruno, Joshua	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Foladare, Kenneth	Tangibl	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Kier, Laura	EnergyHub	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Nyemko, Masha	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Stewart, Travis	Gable and Associates	Not Applicable
Sweeney, Rory	RTO Insider	Not Applicable
Urbin, Greg	Baltimore Gas and Electric Company	Transmission Owner

In Attendance via WebEx / Teleconference

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anders, David	PJM Interconnection, LLC	Not Applicable
Austin, Larry	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Butsack, David	American PowerNet Management, L.P.	End Use Customer
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Cox, Edward P	Appalachian Power Company	Transmission Owner
DeCarlo, Nick	MidAtlantic Power Partners, LLC	Other Supplier
Dolan, Jim	PJM Interconnection, LLC	Not Applicable
Doremus, Steven	EnerNOC, Inc.	Other Supplier
Ehrichs, Lisa	Duke Energy Business Services LLC	Generation Owner
Ewaka, Marek	Unknown	Not Applicable
Farber, John	DE Public Service Commission	Not Applicable
Feldman, Brett	Navigant	Not Applicable
Feliks, Kent	Appalachian Power Company	Transmission Owner
Fiano, Anna	KeyTex Energy, LLC	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fort, Jim	The Energy Authority	Other Supplier
Zephyr, Frantz	Public Service Electric & Gas Company	Transmission Owner
Fuess, Jay	Public Service Electric & Gas Company	Not Applicable
Hagaman, Derek	GT Power Group	Not Applicable
Hamilton, Brian	Public Power & Utility of New Jersey, LLC	Not Applicable
Heise, Randi	Dominion Virginia Power	Not Applicable
Hilaski, Steve	Potomac Electric Power Company	Electric Distributor
Johnson, Carl	Customized Energy Solutions, Ltd*	Not Applicable
Korczykowski, Ryan	NuEnergen, LLC	Other Supplier
Long, Glenn	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Malkin, David	KOREnergy, Ltd.	Other Supplier
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McGuirk, Brian	Direct Energy Business Marketing, LLC	Other Supplier
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Nguyen, John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Ondayko, Brock	Appalachian 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
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Ring, Eric	Enerwise Global Technologies, Inc.	Other Supplier
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scoglietti, Barbara	Tangent Energy Solutions, Inc	Other Supplier



Draft Minutes

Terranova, Chris
Tipnis, Ritesh
Trevino, Rita
Vargo, Daniel
Webster, John
Weinstein, Michael
Wilmoth, Emily
Wiltse, Alexandra
Wisersky, Megan
Xenopoulos, Damon

PJM Interconnection, LLC
AEP Energy, Inc.
Siemens Industry, Inc.
Allegheny Electric Cooperative, Inc.
Icetek.com, Inc.
Appalachian Power Company
Dominion Virginia Power
Baltimore Gas and Electric Company
Madison Gas & Electric Co.
Stone Mattheis Xenopoulos & Brew, PC

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

Author: Andrea Yeaton

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