



MINUTES
PJM Interconnection
Demand Response Subcommittee (DRS)
January 21, 2015

9:30 am – 3:00pm (EPT) In-Person, WebEx, conference call

Members in Attendance:

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Meier, Mariko	EnerNOC, Inc.	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Kogut, George	New York Power Authority	Other Supplier
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable

Also in Attendance:

Helms, Brian	Century Aluminum	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Fram, Benjamin	Monitoring Analytics, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Todd, Raymond	Other	None
Fuess, Jay	PBF Power Marketing LLC	Generation Owner
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Covino, Susan	PJM Interconnection, LLC	Not Applicable
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Levitt, Andrew	PJM Interconnection, LLC	Not Applicable
Long, Glenn	PJM Interconnection, LLC	Not Applicable
McAnany, James	PJM Interconnection, LLC	Not Applicable
Walker, Bill	PJM Interconnection, LLC	Not Applicable

In Attendance via Web Ex / Teleconference:

Rutigliano, Tom	Achieving Equilibrium, LLC	Other Supplier
Baine, Melinda	AEP Energy Partners, Inc. (AEP Gen Resources)	None
Baran, Eric	Allegheny Electric Cooperative, Inc.	Electric Distributor
Libbos, Robin	Allegheny Energy Supply Company, LLC	Transmission Owner
Markiewicz, Cindy	Allegheny Energy Supply Company, LLC	Transmission Owner
Pizzutelli, Ashley	Allegheny Power (MonPwr Load)	None
McCausland, Ray	Ameren Corporation	Not Applicable
Feliks, Kent	American Electric Power	Transmission Owner
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Cox, Edward	Appalachian Power Company	Transmission Owner
Cox, Phil	Appalachian Power Company	Transmission Owner



Ondayko, Brock	Appalachian Power Company	Transmission Owner
Weinstein, Michael	Appalachian Power Company (AEP Generation)	Transmission Owner
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
Kopon, Owen	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Miller, John	Commonwealth Edison Company	Transmission Owner
Gilani, Rehan	ConEd ccs	
Hargett, Christopher	Consolidated Edison Company of NY, Inc.	Transmission Owner
Wiltse, Alex	Consolidated Edison Energy, Inc.	Other Supplier
Price, Dann	Constellation NewEnergy, Inc.	Other Supplier
Jenkins, Tom	Cpower Corp (Enerwise Global Technologies, Inc.)	Other Supplier
Berlinski, Mike	Customized Energy Solutions, Inc.	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd*	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
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Farber, John	DE Public Service Commission	Not Applicable
Hastings, David	DHASt Co.	Not Applicable
McGuirk, Brian	Direct Energy Business Marketing, LLC	Other Supplier
Richardson, Kelsey	Direct Energy Business Marketing, LLC	Other Supplier
Scarpignato, David	Direct Energy Business, LLC	Other Supplier
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Lowe, Connie	Dominion Virginia Power	Not Applicable
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Edwards, Todd	Dominion Virginia Power (EDC)	Not Applicable
Pach, Darcy	Duke Energy Kentucky, Inc.	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Seelaus, Andrew	EMC2 Development Company, Inc	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Doremus, Steve	EnerNOC, Inc.	Other Supplier
Matheson, Doug	EnerNOC, Inc.	Other Supplier
Poulos, Greg	EnerNOC, Inc.	Other Supplier
Rokholt, Thomas	EnerNOC, Inc.	Other Supplier
Swanson, Erika	EnerNOC, Inc.	Other Supplier
Caruthers, Anna	FirstEnergy Corporation	Transmission Owner
Stein, Ed	FirstEnergy Corporation	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corporation	Transmission Owner
Marton, David	FirstEnergy Solutions Corporation	Transmission Owner
Hagaman, Derek	GT Power Group	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Polakowski, Ray	Hess Corporation	Other Supplier
Thomas, Kyle	Innovari.com	None
Frellich, Jessica	Integrays Energy Services, Inc.	Other Supplier
Hartman, Roxane	Jersey Central Power & Light Company	Transmission Owner
Korandovich, Robert	KOREnergy, Ltd.	Other Supplier
Wisersky, Megan	Madison Gas & Electric	Other Supplier
Wehr, Christopher	Metropolitan Edison Company	Transmission Owner



Chen, Xu	Monitoring Analytics, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Mahoney, Julieanne	New York State Electric & Gas Corporation	Other Supplier
Nguyen, John	Northern Virginia Electric Cooperative	Electric Distributor
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Mariam, Yohannes	Office of the Peoples Counsel / Dist of Columbia	End User Customer
DeDebolys, Debra	Ohio Public Utilities Commission	Not Applicable
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Carangi, Mark	Other	Not Applicable
Stewart, Travis	Other	None
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Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Cummings, Bridgid	PJM Interconnection, LLC	Not Applicable
Falco, Christine	PJM Interconnection, LLC	Not Applicable
Horowitz, Shira	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Watts, Shane	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
DeNavas, Joe	Potomac Electric Power Company	Electric Distributor
Godson, Gloria	Potomac Electric Power Company	Electric Distributor
Gordon, Rebecca	Potomac Electric Power Company	Electric Distributor
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Lyser, Shelly	Rockland Electric Company	Transmission Owner
Mangonon, Roleto	Rockland Electric Company	Transmission Owner
Quinlan, Pamela	Rockland Electric Company	Transmission Owner
Trevino, Rita	Siemens Industry, Inc.	Other Supplier
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Slifer, Diane	Viauna.com	None
Hewett, Chris	Virginia Electric Power Company	Transmission Owner
Horstman, Andrew	Wabash Valley Power Association, Inc.	Other Supplier
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1. ADMINISTRATION (9:30 – 9:50)

1. Roll was called
2. Minutes from 11/19/2014 meeting were approved without any revisions.
3. No additional agenda items were brought forward.
4. Brief update/discussion of DR related activity in other stakeholder groups
 - i. The Residential M&V proposals will be at the MC for final vote on 1/22/2015.

2. LOAD MANAGEMENT 30 MINUTE LEAD TIME RULE AND ASSOCIATED EXCEPTION PROCESS THAT IS EFFECTIVE FOR 2015/2016 DELIVERY YEAR

PJM discussed the process in eLRS on how to submit an exception to the 30 minute lead time: the CSP inputs the reason and a brief justification for the exception in eLRS when choosing Short_60 or Long_120 Lead Time. PJM will audit the exceptions in the future and request detailed information to support exceptions. The CSPs should ensure they have the exception details on hand before the exception is entered into eLRS.



3. RESIDUAL ZONAL PRICING

PJM reviewed the Residual Zone Pricing (Pricing Points in eLRS) changes effective 6/1/2015. The new Pricing Points are already in eLRS to be used on 2015/2016 Load Management registrations. Economic registrations (except Regulation Only) will be terminated as of 5/31/2015 so CSPs can enter new registrations with the new Pricing Point effective 6/1/2015. Also effective 6/1/2015, the AEP EDC has been split into 4 new EDCs so the appropriate one (split by state) should be used on LM and Economic registrations.

4. CHANGES TO DEMAND RESPONSE AREA OF PJM.COM

PJM highlighted the new DR area of pjm.com that makes it easier to navigate and find information. All Demand Response materials are now on one page for easy access. A few items specifically related to eLRS were moved to the eLRS eTools page.

5. DR TRANSITION MECHANISM (11:10 – 11:30)

PJM provided an update that the DR Transition Mechanism evaluation was underway. Receipt of Transition Mechanism requests will be acknowledged later today. There is no need to send any files to the Market Monitor as Capacity Markets group will forward anything that needs to be reviewed.

6. SUMMARY OF CAPACITY PERFORMANCE FILING

PJM provided a detailed summary of the changes for Demand Response that were included in the Capacity Performance filing which was recently submitted to FERC. Areas highlight in the review are: Base Capacity Product definition and subsequent elimination in 2018/2019, expected performance vs. actual performance calculation changes, stop loss provisions, performance credits, non-summer load reductions will now use the energy CBL, combined resource offers, elimination of the DR Factor in 2018/2019 and LSE obligation changes. PJM stated that details still need to be worked out which will happen after FERC accepts, rejects or modifies the filing.

7. DR STOP GAP FILING

PJM gave an update on the DR Stop Gap filing which provides alternative tariff language if the Supreme Court does not take up the EPSA case. The filing was made to mitigate risk and allow DR to participate in the upcoming BRA. The filing provided two separate sets of language depending on whether Capacity Performance was accepted or rejected and introduced new nomenclature so the new rules wouldn't be confused with the current rules. A comparison of DR vs WLR (Wholesale Load Responsibility) was presented. A draft workflow and the role of agency agreements between CSPs and LSEs were discussed.

8. LOAD MANAGEMENT REPORT FOR 2014

PJM presented the Load Management Report which is based on Limited Product testing results as there were no Load Management events this year. Extended Summer and Annual Testing results will be added at a later date once their testing deadline has passed (May 2015) and data submitted. Historical test performance analysis shows that although some CSPs did not meet their required test performance, overall the total performance across all CSPs was excellent (135% of capacity commitment) and higher than in previous years.

9. UPCOMING EMERGENCY PROCEDURE POSTING ENHANCEMENTS

PJM demonstrated how Load Management events will be shown differently in a new release of Emergency Messages coming in 1Q2015. Emergency Messages contain public high level information about Load Management events. Some of the changes include: clicking on the Emergency Message to get more details, Load Management



events with multiple zones, lead times, products can be ended on the same message without using the Special Message event as is currently done, a History button will show all changes to the Emergency Message and subzone names will be part of the Region field. A presentation with screenshots has been posted under the DRS Meeting.

10. MONTHLY DEMAND RESPONSE ACTIVITY REPORT REVIEW

PJM reviewed the Activity Report and highlighted some significant changes. On Figure 18, economic activity payments doubled, but the MW remained the same which is attributed to the cold weather in Jan/Feb/Mar 2014. It was also noted that regulation payments went over \$1 million for the first time, and the Synchronized Reserves (Tier 2) had less clearing and less participation than the previous year..

11. FUTURE AGENDA ITEMS

No new items were identified

12. FUTURE MEETING DATES

Tuesday	2/24/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Tuesday	3/25/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	4/22/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Monday	5/18/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Thursday	6/18/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Monday	7/20/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Tuesday	8/25/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Monday	9/28/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Tuesday	10/27/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Friday	11/20/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	12/14/2015	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC