



MINUTES
PJM Interconnection
Demand Response Subcommittee (DRS)

May 16, 2014

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

Members in Attendance:

O'Neill, Jack (Chair)	PJM Interconnection, LLC	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Gockley, Beatrice	EnergyConnect, Inc.	Other Supplier
Poulos, Greg	EnerNOC, Inc.	Other Supplier
Schisler, Ken	EnerNOC, Inc.	Other Supplier
Baxter, Ian	Enerwise Global Technologies, Inc.	Other Supplier
Lacey, Frank	Enerwise Global Technologies, Inc.	Other Supplier
Miyaji, Wendell	Enerwise Global Technologies, Inc.	Other Supplier
Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Webster, John	Icetek.com, Inc.	Other Supplier
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Horowitz, Shira (Secretary)	PJM Interconnection, LLC	Not Applicable

Also in Attendance:

Powers, Sean	Linde Energy Services, Inc.	End User Customer
Covino, Susan	PJM Interconnection, LLC	Not Applicable
Ford, Adrien	PJM Interconnection, LLC	Not Applicable
Walker, Bill	PJM Interconnection, LLC	Not Applicable
Yeaton, Andrea	PJM Interconnection, LLC	Not Applicable
McAnany, James	PJM Interconnection, LLC	Not Applicable

Via Web Ex / Teleconference:

Feliks, Kent	American Electric Power	Transmission Owner
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Poddany, Brandon	American Municipal Power, Inc.	Electric Distributor
Wolfe, Alice	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Cox, Edward	Appalachian Power Company	Transmission Owner
Weinstein, Michael	Appalachian Power Company	Transmission Owner
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
Urbain, Greg	Baltimore Gas and Electric Company	Transmission Owner
Kopon, Owen	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Xenopoulos, Damon	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable



Haugen, Joe	Buckeye Power, Inc.	Electric Distributor
Kerecman, Joe	Calpine Energy Services, L.P.	Generation Owner
Eber, Jim	Commonwealth Edison Company	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Dean, Ronald	Commonwealth Edison Company (ILR)	None
Caster, Andrew	Constellation NewEnergy, Inc.	Other Supplier
Dugan, Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Maucher, Andrea	DE (State of) Div. of the Public Advocate	End User Customer
Nowell, Cynthia	Delmarva Power & Light Company	Electric Distributor
White, Barbara	Demand Response Software	Not Applicable
Erbrick, Michael	DhastCo, LLC	Not Applicable
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Ohrenberger, Mark	DR2, LLC	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Martin, Andrew	Energy Hum	Not Applicable
Boucher, Mark	EnergyConnect, Inc.	Other Supplier
Desmarais, Michael	EnerNOC, Inc.	Other Supplier
Johnson, Matthew	EnerNOC, Inc.	Other Supplier
Caruthers, Anna	FirstEnergy Corporation	Transmission Owner
Garza, Mark	FirstEnergy Corporation	Transmission Owner
Klink, Troy	FirstEnergy Corporation	Transmission Owner
Marton, David	FirstEnergy Solutions Corporation	Transmission Owner
Borgatti, Michael	Gable and Associates	Not Applicable
Hartman, Gary	ghhartman@pplweb.com	
Pratzon, David	GT Power Group	Not Applicable
Polakowski, Ray	Hess Corporation	Other Supplier
Gruber, Craig	Innoventive Power, LLC	
Halford, Steve	Innoventive Power, LLC	Not Applicable
Pleiss, Gary	Jersey Central Power & Light Company	Transmission Owner
Malkin, David	KOREnergy, Ltd.	Other Supplier
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Mabry, Dave	McNees Wallace & Nurick, LLC	Not Applicable
Wehr, Christopher	Metropolitan Edison Company	Transmission Owner
Chen, Xu	Monitoring Analytics, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Harvey, Colby	Negawatt Business Solutions, Inc.	Other Supplier
Gantzer, Tom	NetPeak Energy Group LLC	Other Supplier
Ganugula, Vijaya	New York ISO	Not Applicable
Kirkpatrick, Roger	New York ISO	Not Applicable
Butler, James	NiSource Inc.	Not Applicable
Cornelius, James	North America Power Partners LLC	Other Supplier
Juston, J	North America Power Partners LLC	Other Supplier
Musilek, James	North Carolina Electric Membership Corporation	Electric Distributor
Nguyen, John	Northern Virginia Electric Cooperative	Electric Distributor
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Feldman, Brett	Other	Not Applicable



Good, Megan	Pennsylvania Public Utility Commission	Not Applicable
Tudor, Dan	Pepco Holdings Inc.	Not Applicable
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Ford, Adrien	PJM Interconnection, LLC	Not Applicable
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
Shparber, Steven	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
DeNavas, Joe	Potomac Electric Power Company	Electric Distributor
Greening, Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Lewis, Cara	Public Service Electric & Gas Company	Transmission Owner
Prendergast, Michael	Public Service Electric & Gas Company	Transmission Owner
Lyser, Shelly	Rockland Electric Company	Transmission Owner
Sudhakara, Raghu	Rockland Electric Company	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Hewett, Christopher	Virginia Electric & Power Company	Transmission Owner
Fereshetian, Damon	Viridity Energy, Inc.	Other Supplier

1. ADMINISTRATION

Brief update/discussion of DR related activity in other stakeholder groups: the exception process for determining existing MW for RPM was approved at the MIC.

2. DR AS AN OPERATIONAL RESOURCE

PJM discussed FERC order ER14-822 received on 5/11 and associated next steps including a compliance filing. PJM also discussed update on eLRS software release that includes changes to effectuate the new market rules including adding a 30 minute lead time and a pre-emergency resource type. The process for updating existing registrations to reflect the changes in the FERC order was explained.

A concern was brought up that the compliance filing for emergency exception is due after June 1, but CSPs need to know before June 1 to avoid deficiency charges. PJM indicated since the CSP should register resources based on expectation that compliance filing will be approved by FERC. To the extent FERC does not approve the compliance filing for Emergency DR resource type, PJM will request that FERC consider transition for resources already registered as Emergency DR. The process for designating registrations which have air permits that would qualify them for emergency status was discussed. PJM confirmed that the process will remain the same as it currently is and CSPs will be responsible for designating they have permits. The definition of "similarly situated small commercial customers" was discussed

3. RESIDENTIAL DEMAND RESPONSE PARTICIPATION IN THE PJM SYNCHRONIZED RESERVE MARKET

Comverge discussed details of potential solution to take 1 minute load data from sample of homes and extrapolate to population to validate reductions for population in Synchronized Reserve market (instead of requiring 1 minute meters on the entire population). DRS was supportive of general approach and additional details will be flushed out at next meeting.

4. DEMAND RESPONSE RESIDENTIAL CAPACITY AND ENERGY MARKET MEASUREMENT AND VERIFICATION



PJM reviewed the issue charge approved at the May MIC. PJM presented education on the current state of DR residential measurement and verification and solicited interests from stakeholders.

5. ANNUAL DR MAINTENANCE OUTAGE REPORTING PROCESS

PJM reviewed updated components based on DRS feedback at last meeting and discussed solutions. New solution options were added to the matrix by stakeholders.

6. REVIEW EMERGENCY ENERGY SETTLEMENT M&V ISSUE STATEMENT

PJM reviewed issue statement approved at May MIC and began education on the existing process of emergency energy settlements. Issue Charge will be up for endorsement at next MIC meeting.

7. REVIEW STATUS OF LOAD MANAGEMENT DISPATCH SUBZONES FOR 14/15 DELIVERY YEAR

PJM reviewed the updated list of Load Management subzones. It was noted that some subzones were removed because they had been created in response to a specific event that is no longer relevant (e.g. hurricane). PJM clarified that compliance will be measured for subzones defined the day before an event and that existing subzone definitions will not be changed on the fly. PJM will send emails when the subzone definitions are updated.

8. REVIEW LOAD MANAGEMENT COMMUNICATION PROCESS

PJM reviewed the normal Load Management communication process which includes web service electronic notification as a primary channel and emergency procedures website, email messages from eLRS, and the all call notification as reinforcing channels. PJM also discussed the backup plan if there are any issues with the primary communication channel. It was noted that some CSPs prefer email as a primary notification and some prefer the All Call.

9. REVIEW EMERGENCY PROCEDURE DRILL SCHEDULED FOR MAY 20TH

PJM will review the emergency procedure drill scheduled for May 20th. This is normal drill that PJM conducts prior to June 1st of each Delivery Year.

10. FUTURE AGENDA ITEMS

There were no additions to future items.

11. FUTURE MEETING DATES

Tuesday	6/24/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	7/30/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Monday,	8/25/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Thursday	9/25/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	10/22/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	11/19/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	12/10/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC