



MINUTES  
Demand Response Subcommittee (DRS)

July 30, 2014

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

**In Attendance:**

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Dugan, Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Baxter, Ian	Enerwise Global Technologies, Inc.	Other Supplier
Miyaji, Wendell	Enerwise Global Technologies, Inc.	Other Supplier
Borgatti, Michael	Gable and Associates	Not Applicable
Hagaman, Derek	GT Power Group	Transmission Owner
Pratzon, David	GT Power Group	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Anders, David	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Furey, Marie	PJM Interconnection, LLC	Not Applicable
Horowitz, Shira	PJM Interconnection, LLC	Not Applicable
O'Neill, John	PJM Interconnection, LLC	Not Applicable
Shparber, Steve	PJM Interconnection, LLC	Not Applicable
Sobotka, Michael	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable

**In Attendance via WebEx / Teleconference:**

Brown, Jeffrey	AEP Service Corp	Not Applicable
Baran, Eric	Allegheny Electric Cooperative, Inc.	Electric Distributor
Feliks, Kent	American Electric Power	Transmission Owner
Moose, Daniel	American Electric Power	Transmission Owner
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Cox, Edward	Appalachian Power Company	Transmission Owner
Weinstein, Michael	Appalachian Power Company (AEP Generation)	Transmission Owner
Richard, Drew	Auto-grid.com	None
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
Urbib, Greg	Baltimore Gas and Electric Company	Transmission Owner
Dugan, Bill	bdugan@ces-ltd.com	108.16.120.57
Gockley, Beatrice	beatrice.gockley@jci.com	198.36.94.35
Kopon, Owen	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Haugen, Joe	Buckeye Power, Inc.	Electric Distributor



Markie, Cindy	cmarkie@firstenergycorp.com	205.132.76.4
Miller, John	Commonwealth Edison Company	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Farber, John	DE Public Service Commission	Not Applicable
White, Barbara	Demand Response Software	Not Applicable
Erbrick, Michael	DhastCo,LLC	Not Applicable
Maucher, Andrea	Division of the Public Advocate of the State of Delaware	End User Customer
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Edwards, Todd	Dominion Virginia Power (EDC)	Not Applicable
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Mancha, Nathan	EDF Trading North America, LLC	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Martin, Andrew	Energyhub.net	Not Applicable
Baxter, Ian	Enerwise Global Technologies, Inc.	Other Supplier
Whitman, Robert	Enerwise Global Technologies, Inc.	Other Supplier
Klink, Troy	FirstEnergy Corporation	Transmission Owner
Polakowski, Ray	Hess Corporation	Other Supplier
Webster, John	IceTec.com, Inc	Not Applicable
Schum, Alice	Illinois Municipal Electric Agency	Electric Distributor
Guistwhite, Jeff	Johnson Controls	Not Applicable
Fiano, Anna	KeyTex Energy, LLC	Other Supplier
Mosier, Kevin	Maryland Public Service Commission	Not Applicable
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
Feldman, Brett	Navigant Consulting	Not Applicable
Gantzer, Tom	NetPeak Energy Group LLC	Other Supplier
Kirkpatrick, Roger	New York ISO	Not Applicable
Huston, Jackie	North America Power Partners LLC	Other Supplier
Nguyen, John	Northern Virginia Electric Cooperative	Electric Distributor
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Lopez, Alex	Opower.com	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Manion, Evelyn	PJM Interconnection, LLC	Not Applicable
DeNavas, Joseph	Potomac Electric Power Company	Electric Distributor
Hartman, Gary	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Greening, Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Maher, Mollie	PPL EnergyPlus, L.L.C.	Transmission Owner
Citrolo, John	PSEG Energy Resources and Trade LLC	Transmission Owner
Prendergast, Michael	Public Service Electric & Gas Company	Transmission Owner
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Fernandes, John	RES Americas	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Lyser, Shelly	Rockland Electric Company	Transmission Owner
Trevino, Rita	Siemens Industry, Inc.	Other Supplier
Hendrix, Chris	Texas Retail Energy, LLC	Other Supplier

## 1. ADMINISTRATION

1. Roll was called.
2. There were no additions or corrections to the minutes for the 6/24/2014 meeting.
3. No additional agenda items were identified.
4. Brief update/discussion of DR related activity in other stakeholder
  - i. CSTF – currently working on the DR capacity market transition mechanism
  - ii. OC – The recommendations from the Cold Weather report are being discussed
  - iii. MRC – Terry Boson is present a new initiative for capacity performance improvements that may impact DR.
5. Reminder on Test/R-Test process/dates – CSPs were reminded that in the absence of an emergency event this summer that resources must Test to measure performance. Notification of Tests is done in eLRS with 48 hour advance notice. Also 2 new subzones have been defined, for a total of 6. These are the only subzones that are current – any previously identified subzones are no longer valid.

## 2. DEMAND RESPONSE RESIDENTIAL PARTICIPATION IN THE PJM SYNCHRONIZED RESERVE MARKET

PJM reviewed the proposed solution and highlighted changes from last meeting. Tariff and Manual changes will be presented at the next meeting, but will be posted before the meeting. Any comment should be sent to Shira Horowitz before the next meeting.

## 3. DEMAND RESPONSE RESIDENTIAL CAPACITY AND ENERGY MARKET MEASUREMENT AND VERIFICATION

PJM reviewed the proposed solution. Discussion about the Modified GLD (load reduction not limited by PLC) for customers with class average PLC included transitioning it out over 1 or 2 years in order to encourage EDCs to come up with individual PLCs instead. If there is no support for a narrow limited exception, it will be dropped from the solution.

## 4. DISCUSS PRODUCT SUBSTITUTION ADMINISTRATIVE PROCESS

PJM presented the interim administrative process for how to substitute a registration of a different product type (but same zone and same lead time) that was not dispatched by PJM with a registration that was dispatched but will underperform during an emergency event.

## 5. PLANNED PROCESS CHANGES FOR DR REGISTRATION AND DR MODS

PJM reviewed planned process changes for DR Registration and DR MODs to allow for RPM DR Transactions prior to the Delivery Year. The changes were brought about to reduce the manual effort by PJM and participants when back-dating transactions at the start of a delivery year. The process change is that once a registration is confirmed



and has a DR Resource assigned in eLRS, it will bridge information to eRPM. Once the registration is bridged, no changes to the registration would be allowed. The participants will then be able to do replacement transactions right away. It was noted that if the registration is not bridged until 5/31, the delay in processing may cause a day or two of deficiency. There was discussion that an alternate process to allow back-dating in the delivery year for a limited period of time which could be eventually phased out.

**6. ANNUAL DR MAINTENANCE OUTAGE REPORTING PROCESS**

PJM review the package(s) and reviewed 2 additional components that had been added since the last meeting. There was general support to move Package B forward to the MIC, however PJM and another party preferred Package A. Both packages will be presented to the MIC.

*Post Meeting Update:* PJM and the other party preferring Package A met and made a decision that Package B would be acceptable. Package B will be presented at the MIC as a Consensus Solution.

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

PJM led a discussion on exceptions to 30 minutes Load Management lead time and associated administrative process that become effective for 2015/2016 Delivery Year. This is being done now to make the process of requesting an exception be consistent and transparent. The four exceptions (avoid damage, generation ramp time, safety and mass market communication) were discussed along with some examples. CSPs are encouraged to review their customers' situations and send any questions and scenarios to be incorporated into the process to Pete Langbein. System enhancements were also presented.

**8. EMERGENCY ENERGY SETTLEMENT M&V**

PJM reviewed using an economic CBL without having to create an economic registration to address the key issues. Examples of the proposed solutions were reviewed and discussed. Next step is to fill in examples with details and identify which tariff/manuals would need to be updated.

**9. FUTURE AGENDA ITEMS**

1. Discuss how a cleared Synchronized Reserve resource will be evaluated for performance if an emergency event is called and the SR resource does not have enough time to pull out of the market due to the 30 minute lead time.

**10. FUTURE MEETING DATES**

Monday	8/27/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Tuesday	9/23/2014	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