



**MINUTES**  
**PJM Interconnection**  
**Demand Response Subcommittee (DRS)**  
**February 21, 2014**

**9:30 am – 12:00pm (EPT) PJM, In-Person, Webex, conference call**

**Members in Attendance:**

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Fuess, Jay	Energy Consulting Services LLC	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Baxter, Ian	Enerwise Global Technologies, Inc.	Other Supplier
Webster, John	Icetec.com, Inc.	Other Supplier
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable

**Also in Attendance:**

Borgatti, Michael	Gable and Associates	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Bastian, Jeff	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Horowitz, Shira	PJM Interconnection, LLC	Not Applicable
McAnany, Jim	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable

**Via Web Ex / Teleconference:**

Felks, Kent	American Electric Power	Transmission Owner
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Cox, Edward P	Appalachian Power Company	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Mancuso, Maria	Baltimore Gas and Electric Company	Transmission Owner
Grooms, Craig	Buckeye Power	Electric Distributor
Miller, John	Commonwealth Edison Company	Transmission Owner
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Lyser, Shelly	ConEdison Energy, Inc.	Other Supplier
Caster, Andrew	Constellation NewEnergy, Inc.	Other Supplier
Price, Dann	Constellation NewEnergy, Inc.	Other Supplier
Farber, John	DE Public Service Commission	Not Applicable
Maucher, Andrea	Delaware State / Division of the Public Advocate	End User Customer



White, Barbara	Demand Response Software	Not Applicable
Buttner, Sarah (Sally)	Division of the Public Advocate of State of Delaware	End User Customer
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Ohrenberger, Mark	DR2, LLC	Not Applicable
Tuschong, Andrew	Duke Energy Business Services, LLC	Generation Owner
Pach, Darcy	Duke Energy Kentucky, Inc.	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Hall, Jamie	East Kentucky Power Cooperative, Inc	Transmission Owner
Kilgallen, Kevin	Emerald Energy	Not Applicable
Scheiderich, James	Energy Curtailment Specialists, Inc. (BGE)	None
Desmarais, Michael	EnerNOC, Inc.	Other Supplier
Baxter, Ian	Enerwise Global Technologies, Inc.	Other Supplier
Caruthers, Anna	FirstEnergy Corporation	Transmission Owner
Garza, Mark	FirstEnergy Corporation	Transmission Owner
Hartman, Roxane	FirstEnergy Corporation	Transmission Owner
Klink, Troy	FirstEnergy Corporation	Transmission Owner
Marton, David	FirstEnergy Solutions Corporation	Transmission Owner
Campbell, Bruce	Johnson Controls Inc.	Not Applicable
Malkin, David	KOREnergy, Ltd.	Other Supplier
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Wehr, Christopher	Metropolitan Edison Company	Transmission Owner
Chen, Xu	Monitoring Analytics, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Moss, James	Monitoring Analytics, LLC	Not Applicable
Gowrishankar, Vignesh	Natural Resources Defense Council	Not Applicable
Ris, Monica	Negawatt Business Solutions, Inc.	Other Supplier
Gantzer, Tom	NetPeak Energy Group, LLC	Other Supplier
Kirkpatrick, Roger	New York ISO	Not Applicable
Maye, Shelly-Ann	North America Power Partners, LLC	Other Supplier
Musilek, James	North Carolina Electric Membership Corporation	Electric Distributor
Orlando, Jim	Northern Indiana Public Service Company	Other Supplier
Nguyen, John	Northern Virginia Electric Cooperative	Electric Distributor
Carmean, Gregory	Organization of PJM States, Inc	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
DeNavas, Joe	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
Citrolo, John	PSEG Energy Resources and Trade LLC	Transmission Owner
Schmatz, Peter	PSEG Energy Resources and Trade LLC	Transmission Owner
Prendergast, Michael	Public Service Electric & Gas Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio	Not Applicable
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Trevino, Rita	Siemens Industry, Inc.	Other Supplier
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Hewett, Christopher	Virginia Electric & Power Company	Transmission Owner
Yavuz, Armagan	Viridity Energy, Inc	Other Supplier



## 1. ADMINISTRATION

1. Lunch was provided after the meeting for those attending in person. It was noted that the PJM All Hands meeting would be taking place in the CTC during the DRS meeting.
2. The minutes from the 1/21/14 meeting were approved without any modifications/corrections
3. Brief update/discussion of DR related activity in other stakeholder groups
  - i. DR as Operational Resource – The first read will be done at the OC and MRC in March, and endorsement in April. The FERC Order was requested by March 15, 2014 in order to allow time to make any required changes to the manuals based on FERC's response before final endorsement.
  - ii. DR Normal Economic Operations will be at the MRC next week.

## 2. REVIEW OF PROCESS INCLUDING KEY TASKS AND DEADLINES FOR DR PARTICIPATION IN UPCOMING 2017/18 BRA

PJM reviewed the key tasks and deadlines for the upcoming BRA. These include April 7<sup>th</sup> to 16<sup>th</sup> for pre-registration of existing resources and that DR Sell Offer Plans are due by April 17<sup>th</sup>. ATSI has been designated a Zone of Concern, so site-specific documentation for planned DR may be required in the DR Sell Offer Plan. For the new DR Sell Offer Plan process, PJM confirmed that it has been ordered and suspended by FERC. If FERC doesn't change the Order, it will go into effect on March 2<sup>nd</sup>. The recent FERC Order that caps the amount of Limited and Extended Summer DR that can clear was also reviewed.

*Update since DRS:* FERC has not changed their Order on the DR Sell Offer plan process and it is now effective.

## 3. PEAK LOAD CONTRIBUTION REVIEW (ASSIGNED BY CSTF)

Issue 1: PLC Risk: PJM reviewed the proposed solution including existing volume calculations and pros/cons. PJM confirmed the Manual language contains specific criteria as to when a claim could be brought forward, and that this has been a very infrequent situation (i.e. once or twice a year). Members were asked to read through the Manual changes and as there were no objections, an endorsement to move the solution to the MIC for first read will be requested at the next DRS meeting.

Issue 2: PLC Alternative: The original proposer of this item has requested that this DR-related solution be dropped. There were no objections to this.

## 4. ANNUAL DR MAINTENANCE OUTAGE REPORTING PROCESS

Key questions were discussed to help generate a list of items that should be considered as components. Some of the items were: is a CSP outage (not a registration level) a reason for a maintenance outage, are FSL customers that are already down considered for maintenance outage, a key reason for the outage process was so PJM could approve based on system conditions, the outage reporting should cover long periods and short periods before the outage, can PJM cancel a prior approved outage based on system conditions. Members are encouraged to send scenarios for consideration to [dsr\\_ops@pjm.com](mailto:dsr_ops@pjm.com) so that a detailed list can be compiled for the next DRS.

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

The Issue Statement was reviewed that was approved at the February MIC. The issue charge is expected to be endorsed at the March MIC. This is for residential participation only where metering and telemetry are cost



prohibitive, which is currently required for Synchronized Reserves. A concern was raised that this Issue should include other resources other than residential, however residential is based on temperature and humidity and adding in other resources makes a difference. It was agreed to get clarification on the term residential at the MIC. If approved, Pilot data from last summer will be shared at the next DRS.

**6. REVIEW COLD WEATHER EMERGENCY DR DISPATCH AND ASSOCIATED SETTLEMENT PROCESS**

PJM reviewed the dates for the latest January events.

**7. REVIEW ELRS ENHANCEMENTS AND PLANS FOR NEXT RELEASE**

PJM reviewed the latest software release put into production on 2/12/14. The enhancements in the next release targeted for May 1, 2014 include adding designations for Pre-Emergency and Emergency, adding a "Quick" lead time, performance enhancements and adding new fields to the Emergency Reduction upload.

**8. FUTURE AGENDA ITEMS**

There were no additions to future items.

**9. FUTURE MEETING DATES**

Thursday	3/20/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	4/23/2013	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
Wednesday	5/16/2014	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
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