



**MINUTES**  
**PJM Interconnection**  
**Demand Response Subcommittee (DRS)**  
**January 21, 2014**  
**9:30pm – 2:30pm (EPT) PJM, Webex, conference call**

**Members Present:**

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Dugan, Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Flaherty, Dale	Duquesne Light Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable

**Also in Attendance:**

Shparber, Steven	PJM Interconnection	Not Applicable
Pilong, Chris	PJM Interconnection, LLC	Not Applicable

**In Attendance via WebEx / Teleconference:**

Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Baran, Eric	Allegheny Electric Cooperative, Inc.	Electric Distributor
Feliks, Kent	American Electric Power	Transmission Owner
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Gibson, Sidney	ArcelorMittal USA Inc.	End User Customer
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Mancuso, Maria	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	ConEdison Energy, Inc.	Other Supplier
Caster, Andrew	Constellation NewEnergy, Inc.	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Popella, Jeff	Dayton Power & Light Company (The)	Transmission Owner
White, Barbara	Demand Response Software	Not Applicable
Edwards, Todd	Dominion Retail, Inc.	Other Supplier
Lacy, Catherine	Dominion Virginia Power	Not Applicable
Wilmoth, Emily	Dominion Virginia Power	Not Applicable



Jennings, Ken	Duke Energy Business Services LLC	Generation Owner
Pach, Darcy	Duke Energy Kentucky, Inc.	Transmission Owner
Kilgallen, Kevin	Emerald Energy	Not Applicable
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Desmarais, Michael	EnerNOC, Inc.	Other Supplier
Meier, Mariko	EnerNOC, Inc.	Other Supplier
Nie, David	EnerNOC, Inc.	Other Supplier
Baxter, Ian	Enerwise Global Technologies, Inc.	Other Supplier
Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corporation	Transmission Owner
Pratzon, David	GT Power Group	Not Applicable
Howley, Rachel	Hess Corporation	Other Supplier
Scott, Gregory	IGS Energy	Other Supplier
Malkin, David	KORenergy, Ltd.	Other Supplier
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Mabry, Dave	McNees Wallace & Nurick LLC	Not Applicable
Borgatti, Michael	Michael	Gable and Associates
Chen, Xu	Monitoring Analytics LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Feldman, Brett	Navigant Consulting	Not Applicable
Harvey, Colby	Negawatt Business Solutions, Inc.	Other Supplier
Gantzer, Tom	NetPeak Energy Group LLC	Other Supplier
Nguyen, John	Northern Virginia Electric Cooperative	Electric Distributor
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Jay	PBF Power Marketing LLC	Generation Owner
Anders, Dave	PJM Interconnection, LLC	Not Applicable
Covino, Susan	PJM Interconnection, LLC	Not Applicable
Horowitz, Shira	PJM Interconnection, LLC	Not Applicable
McAnany, James	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Bordbeck, John	Potomac Electric Power Company	Electric Distributor
DeNavas, Joe	Potomac Electric Power Company	Electric Distributor
Godson, Gloria	Potomac Electric Power Company	Electric Distributor
Hartman, Gary	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Citrolo, John	PSEG Energy Resources and Trade LLC	Transmission Owner
Schmatz, Peter	PSEG Energy Resources and Trade LLC	Transmission Owner
Schmidt, Eric	PSEG Energy Resources and Trade LLC	Transmission Owner
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Jostworth, Kim	RBC Energy Services LP	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Buttner, Sarah	State of Delaware/Division of the Public Advocate	Not Applicable
Maucher, Andrea	State of Delaware/Division of the Public Advocate	End User Customer
Gowrishankar, Vignesh	Sustainable Energy	Not Applicable
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Batta, Mike	Virginia Electric & Power Company	Transmission Owner
Wolfe, Samuel	Viridity Energy, Inc.	Other Supplier



## 1. ADMINISTRATION

1. The minutes from the 12/10/13 meeting were approved without any modifications/corrections
2. Brief update/discussion of DR related activity in other stakeholder groups:
  - i. No specific updates were given as most members have been closely following the DR items in other meetings.

## 2. REVIEW COLD WEATHER EMERGENCY DR DISPATCH AND ASSOCIATED SETTLEMENT PROCESS

PJM described the events up to and including the emergency events on Jan. 7<sup>th</sup> and 8<sup>th</sup>. The 7<sup>th</sup> was an all time winter peak high. It was noted that there was lot of great communication both internally and with our neighbors.

Settlements were created for all registrations entitled to receive an emergency energy settlement (DR Full registration). CSPs may select any hours where their resource responded as long as they are contiguous hours. On the 8<sup>th</sup>, the events were canceled at 7 am. If any resources curtailed they are eligible to submit a settlement up until 9 am if they reduced load and needed 2 hours minimum downtime.

PJM reminded CSPs that if an emergency registration has a corresponding economic registration, the economic CBL will be used. If there is no corresponding economic, then the hour before method will be used. There is still time to create an economic registration and get it confirmed if the CSP feels it better reflects their locations performance.

## 3. REVIEW CONFORMING MANUAL CHANGES FOR DR OPERATIONAL ENHANCEMENTS

- a) PJM reviewed the DR Operational enhancements filed with FERC on 12/24 and how PJM intends to administer for 14/15 DY. These changes do not impact the 2013/2014 registrations. For Pre-Emergency/Emergency, PJM clarified that Emergency means at least one location has gen that can only operate under PJM emergency conditions. Emergency would most likely have an EEA2 called to trigger calling the Emergency registrations. There will probably not be any changes to the location data already being collected. The templates for emergency reductions will be modified to include Pre-Emergency/Emergency designation and the new 30 minute lead time.
- b) The proposed conforming Manual 11, 13, 18 and 19 changes have been posted for review.

## 4. SYNCHRONIZED RESERVE TIER 2 PENALTY AND SETTLEMENT CHANGES

PJM provided an overview of the recent SR Tier 2 penalties that are effective as of 1/1/2014. Several examples were reviewed of the new penalty structure. The penalty for non-performance is now a retroactive refund obligation for the amount of the shortfall and all hours the resource was assigned or self-scheduled over the immediate past interval.. The past interval is determined as the lesser of 15 days or the number of days since the last non-performance. The retroactive obligation may also be offset by an aggregated response.

*MEETING WAS CANCELED AT THIS POINT DUE TO INCLEMENT WEATHER*

## 5. CANCELED: PEAK LOAD CONTRIBUTION REVIEW (ASSIGNED BY CSTF) (1:00 – 1:45)

Issue 1: PLC Risk: PJM will present Manual and any tariff changes for this proposed solution.

Issue 2: PLC Alternative: Postponed.



6. **CANCELED: ANNUAL DR MAINTENANCE OUTAGE REPORTING PROCESS (1:45 – 2:30)**

PJM will review the Issue Statement that was approved at the last MIC.

7. **FUTURE AGENDA ITEMS**

Participants will have the opportunity to request the addition of any new item(s) to the agenda of a future meeting

8. **FUTURE MEETING DATES**

Friday	02/21/2013	9:30 am – 4:00 pm	Valley Forge, PA, PJM CTC
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