



**DRAFT 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 |