

**Demand Response Subcommittee**  
**PJM Conference and Training Center**  
**May 16, 2016**  
**9:30 a.m. – 12:00 p.m. EPT**

## Administration

Welcome, Announcements and Anti-trust and Code of Conduct announcement

- A. Roll was called
- B. Minutes from the 4/14/2016 meeting were reviewed and approved as final.
- C. Request for any additional agenda items
- D. Brief update/discussion of DR related activity in other stakeholder groups
  - a. MC on Thursday 5/19/16: Scheduled endorsement of Emergency Energy M&V
  - b. MIC: Last meeting was first read of new problem statement for opening Load Management registration year round. Endorsement of problem statement will be at next MIC.
  - c. MRC Special Meeting: Distributed Energy Resources is moving through matrix.

## Review Summer Operational Drill

1. Mr. Jack O'Neill, PJM, reviewed the Summer Operational Drill that was conducted on May 10<sup>th</sup>, 2016. Performance from CSPs answering the All Call messages was very good. DR Ops is also verifying all CSPs are polling with Web Services prior to June 1<sup>st</sup>. If any CSP would like to setup Web Services testing in the Sandbox, contact [dsr\\_ops@pjm.com](mailto:dsr_ops@pjm.com).

## DR BTMG and recent EPA rule clarification

2. Mr. Pete Langbein, PJM, discussed the recent EPA rule clarification regarding Behind the Meter Generation. Only generation that can operate when dispatched and comply with all permits may be used. All DR should have a resource type of Pre-Emergency with exceptions where permit only allows use during emergency conditions (such as when EEA2 needs to be issued).

## Load Management Registrations

3. Ms. Andrea Yeaton, PJM, reviewed the Load Management registration updates that can be made until the start of the Delivery Year. They include linking RPM DR Resources and the fields that can be edited after the registration is confirmed and before/after the Completed checkbox is checked.

## DR Activity Report

4. Mr. James McAnany, PJM, reviewed the DR Activity Report. Starting next month, the first nine slides will be removed but will be available in the 2015/2016 report.

## DR Hub Update

5. Ms. Andrea Yeaton, PJM, reviewed the current eLRS communication plan and the proposed DR Hub communication plan, which includes a dedicated email address for all DR Hub communication. This

would replace the current Technotify email list. Demand Response questions would continue to go to the [dsr\\_ops@pjm.com](mailto:dsr_ops@pjm.com) email list. The Sandbox deployment is targeted for September and Production for December. There will be both training for the UI targeted by role (CSP/LSE/EDC) and technical sessions for Web Services.

## DR Hub Update – Web Services Update

- Mr. Glenn Long, PJM, gave an update on DR Hub Web Services will change from Soap to. REST which is the PJM direction to keep in step with the industry and make more consistent across PJM applications. Advantages include an easy learning curve, can be done in a browser, ease of implementation, and responses will be in xml with future enhancements if needed in csv, json and rss. The polling client and sample REST code will be published as soon as possible in order to give extra time to review code changes before the Sandbox deployment.

## Future Agenda Items

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## Future Meeting Dates

Thursday	6/23/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	7/20/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	8/23/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	9/21/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Friday	10/21/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Friday	11/11/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	12/12/2016	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex

## In Attendance

Langbein, Peter (Chair)	PJM Interconnection, LLC	Not Applicable
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	Not Applicable
Fram, Benjamin	Monitoring Analytics, LLC	Not Applicable
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Kukawski, Don	PJM Interconnection, LLC	Not Applicable
Long, Glenn	PJM Interconnection, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
McAnany, Jim	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner

## In Attendance via WebEx / Teleconference

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Alston, Rick	Old Dominion Electric Cooperative	Electric Distributor
Anders, David	PJM Interconnection, LLC	Not Applicable
Austin, Larry	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Briscoe, Judy	BP Energy Company	Other Supplier

Campbell, Bruce	CPower Energy Management	Not Applicable
Caruthers, Anna	FirstEnergy Solutions Corp.	Transmission Owner
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Cox, Phil	Appalachian Power Company	Transmission Owner
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Electric Distributor
DeLosa, Joseph	DE Public Service Commission	Not Applicable
DeNavas, Joseph	Potomac Electric Power Company	Electric Distributor
Dickson, Douglas	New Jersey Board of Public Utilities	Not Applicable
Doremus, Steven	EnerNOC, Inc.	Other Supplier
DR	dr.com	Unknown
Farber, John	DE Public Service Commission	Not Applicable
Feldman, Brett	Navigant Consulting, Inc.	Not Applicable
Feliks, Kent	Appalachian Power Company	Transmission Owner
Fiano, Anna	KeyTex Energy, LLC	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Hastings, David	DHAST Co	Not Applicable
Hayes, Patrick	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horstman, Andrew	PJM Interconnection, LLC	Not Applicable
Hunt, Jim	Allegheny Electric Cooperative, Inc.	Electric Distributor
Johnsen, Matt	Tangent Energy Solutions, Inc.	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Klink, Troy	FirstEnergy Solutions Corp.	Transmission Owner
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Loudenburg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner
Mabry, David	McNees, Wallace and Nurick LLC	Not Applicable
Manion, Evelyn	PJM Interconnection, LLC	Not Applicable
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
Matheson, Doug	EnerNOC, Inc.	Other Supplier
McDaniels, John	Baltimore Gas and Electric Company	Transmission Owner
Midgley, Sharon	Exelon Generation Co., LLC	Generation Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Musser, Claire	Tangent Energy Solutions, Inc.	Other Supplier
Nguyen, John	Northern Virginia Electric Cooperative	Electric Distributor
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Powers, Sean	Linde Energy Services, Inc.	End Use Customer
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Stewart, Travis	Gable and Associates	Not Applicable
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Vargo, Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walker, Bill	PJM Interconnection, LLC	Not Applicable
Watts, Shane	PJM Interconnection, LLC	Not Applicable
Wehr, Chris	FirstEnergy Solutions Corp.	Transmission Owner
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	Other Supplier
Wiegand-Jackson, Laurie	North America Power Partners LLC	Other Supplier
Wilmoth ES, Emily	Dominion Virginia Power	Not Applicable



# Draft Minutes

Wisersky, Megan  
Wynn, Laura  
Zilliox, Skylar

Author: Andrea Yeaton

Madison Gas & Electric Co.  
Stone Mattheis Xenopoulos & Brew, PC  
RES America Developments Inc

Other Supplier  
Not Applicable  
Generation Owner