

Demand Response Subcommittee
PJM Conference and Training Center
November 6, 2019
9:00 am – 12:00 pm EPT

Administration (9:00 - 9:15)

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

- A. Roll call: in-person only
- B. Approved the prior meeting minutes – 10/2/2019 meeting
- C. Requested additional agenda items

The group was asked to start looking at agenda items for next year.

OATT draft language for Load Management/PRD test changes approved at the MRC will be posted later this week.

Andrea Yeaton informed the group that the Load Management registration training was scheduled for December 9, 2019 after the December DRS meeting. It will be an in person and WebEx training. Any changes are highlighted in first half hour of training, so all were encouraged to attend the training.

All base testing data is due and finalized in DR Hub on November 15, 2019. CSPs were asked to confirm which test event PJM should use for its compliance records and to upload meter data for the test.

The December DRS agenda does not have a lot of agenda items, so may be canceled.

D. Brief update/discussion of DR related activity in other stakeholder groups – MIC, OC, PC, or other

The MRC approved the Load Management testing proposal with friendly amendments.

Price Responsive Demand (PRD) filing was submitted to FERC on October 31, 2019.

(9:15 – 10:15) October 2, 2019 Load Management Event

2. Jack O'Neill and Andrea Yeaton discussed the recent Load Management event and associated process/timeline for compliance/bonus payments and energy settlements. Members were solicited for any suggestions based on experience during the event for future consideration.

Four zones were affected by the Performance Assessment Interval (PAI): AEP, BGE, PEP and DOM. Compliance data must be submitted by December 15, 2019. CSPs should ensure only the hours the registration responded are checked for emergency energy settlements. Settlement data must be submitted by December 1, 2019 (60 days after event). To ensure data is submitted in DR Hub, "Submit" must be used in settlement section of DR Hub; just hitting "Save" is not sufficient. Any bonus

or penalty payments will be in the January bill, which will be in the February invoice. To be eligible for bonus payments, the resource must have been dispatched by PJM. Web services sends information to CSPs and informs them if actions are required. This is done 365 days a year / 24 hours a day. Emergency Procedures postings and All-call announcements are also used to communicate actions and information.

Some members indicated that PJM Now and Emergency Procedures were a little confusing regarding the actual start time of the PAIs. The Emergency Action Area (EAA) shows all zones involved in the PAI in aggregation for every interval.

A question was raised on how an EAA is defined, specifically if it includes contiguous or non-contiguous zones. The DR Operations group will follow up.

(10:15 – 11:00) Load Management/PRD proposed test changes

- Jack O'Neill reviewed the recent friendly amendments to the PJM proposal. PJM will review draft tariff/RAA changes that will be up for endorsement at the December MC.

The two week notice for testing will occur on first business day of the week. A request for a retest must be submitted within 45 days of test. PJM is planning to file OATT and RAA changes in the February/March 2020 timeframe to be available for the 2023/24 delivery year (DY). The timeline for manual changes are still unsure. PJM may wait until after FERC issues an order.

(11:00 – 11:20) DR resource modelling changes for 2020/21 DY

- Andrea Yeaton discussed DR resource and associated Load Management changes for 2020/21 DY. DR resources with CP and/or Summer Only DR will be modelled as 1 resource. Additional details will be presented at the next DRS.

Future Agenda Items

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

Future Meeting Dates

Monday	12/9/2019	9:00 am – 12:00 pm
--------	-----------	--------------------

Author: Jack Thomas

Langbein (Chair)	Pete	PJM Interconnection, LLC	Not Applicable
Thomas (Secretary)	Jack	PJM Interconnection, LLC	Not Applicable

Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Lu	Chenchao	PJM Interconnection, LLC	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Sweeney	Rory	GT Power Group	Not Applicable
Yeaton	Andrea	PJM Interconnection, LLC	Not Applicable

In Attendance via WebEx / Teleconference

Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anthony	Jason	KOREnergy, Ltd.	Other Supplier
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Brooks	Royce	ODEC	Electric Distributor
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Canter	David	Appalachian Power Company	Transmission Owner
Cornett	Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Davis	James (Jim)	Dominion Energy Marketing, Inc.	Generation Owner
DeLosa	Joseph	DE Public Service Commission	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
Fiano	Anna	KeyTex Energy, LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Hewett	Christopher	Virginia Electric & Power Company	Transmission Owner
Hoatson	Tom	Riverside Generating, LLC	Other Supplier

Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Horstman	Andrew	Wabash Valley Power Association, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Huang	Jame	Rockland Electric Company	Transmission Owner
Hyzinski	Tom	GT Power Group	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnson	Ryan	NRG Power Marketing LLC	Generation Owner
Kimble	Drew	IGS	Not Applicable
Kirk	Ryan	Appalachian Power Company	Transmission Owner
Lowrey	David	CLEAResult	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Mohammed	Muneeb	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Nyemko	Masha	PJM Interconnection, LLC	Not Applicable
Ondayko	Brock	Appalachain Power Company	Transmission Owner
Polka	Joseph	Duquesne Light Company	Transmission Owner
Powers	Sean	Linde Energy Services, Inc.	End User Customer
Powers	Sean	Linde Energy Services, Inc.	End User Customer
Purvis	Brian	CPowerEnergyManagement	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scheidecker	Paul	PJM Interconnection, LLC	Not Applicable
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Watts	Shane	PJM Interconnection, LLC	Not Applicable

Wehnes	Kathleen	Maryland.gov	Not Applicable
Whitehead	Jeffrey	GT Power Group	Not Applicable
Wiegand-Jackson	Laurie	North America Power Partners LLC	Other Supplier
Willey	Amy	Delaware.gov	Not Applicable

Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:


As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

Public Meetings/Media Participation:

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

Participant Identification in WebEx:

When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

<p>On the Phone Dial</p>  <p>Mute / Unmute</p>	<p>Linking Teleconference Connection to WebEx</p> <p>To link your teleconference connection (audio presence) to your WebEx presence, please dial *29 and enter your Personal Identification Number. Once you are logged in to the WebEx, this PIN can be found under the "Meeting Info" tab of your WebEx window.</p>
--	--

<p>Join a Meeting</p>	<ol style="list-style-type: none"> 1. Join meeting in the WebEx desktop client 2. Enter name (<i>First and Last*</i>) and corporate email 3. Under "Select Audio Option" select "Call Me" option from the dropdown menu
------------------------------	--

**Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*



Draft Meeting Minutes

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.