

**Demand Response Subcommittee**  
**PJM Conference and Training Center**  
**November 16, 2018**  
**1:00 p.m. – 4:00 p.m. EPT**

## Administration (1:00-1:15)

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
  - A. Roll call: in-person only
  - B. Review prior minutes – 9/25/2018 meeting
  - C. Request for any additional agenda items
  - D. Brief update/discussion of DR related activity in other stakeholder groups – MIC, OC, PC, or other DERS – Clarify rules for units that operate as DR to reduce load but also interconnect and inject power as a generator..  
MRC/MC – PRD update up for endorsement at 12/6 meeting
  - E. 12/10/18 - Load Management registration training reminder. Request for member input on DR training opportunities.

## Bright Ideas (1:15 – 1:25)

2. Mr. Bill Walker, PJM, will provide a review of PJM's Bright Ideas initiative.

Bright Ideas was created in October 2017. It can be submitted via form on Tech Change Forum, via Client Manager or by a PJM employee. DR Calendar was from a bright idea.

## DR focus for 2019 ( 1:25 – 1:50)

3. Mr. Pete Langbein, PJM, will review DR focus for 2019 and solicit input from members.

Pete described the strategic objectives for 2019. The bulk of DR changes are have been focused on integration of CP rules to DR (aggregation and winter performance measurement).

2019 Focus – CP requirements; PRD & Peak Shaving implementation; Commitments vs capabilities; wholesale market changes (SR market and capacity market reform); DERS

The Synchronized Reserve summary report is sent to CSP. Requests to be included on distribution list should be emailed to [dsr\\_ops@pjm.com](mailto:dsr_ops@pjm.com).

## Winter Drill Review ( 1:50 – 2:05)

4. Mr. Glenn Long, PJM, will review Winter Drill for emergency procedures. Load Management resources are part of the Winter Drill

Drill was conducted on Tuesday 11/6, 730 – 1430. The drill does not include DR Hub notification in order to avoid any confusion.

If there was a real event then the first notification of curtailments is through DR Hub; Emergency Procedure is secondary source. PJM will reach out to CSPs regarding drill performance over the next couple of weeks

A warning for CSPs to prepare to take emergency action is issued in Emergency Procedures. DR Hub also sends an email to a CSP during an event if the CSP sets up DR Hub to send the email.

## DR data share with EDC (DERS suggestion) (2:05 – 2:20 )

5. Mr. Pete Langbein, PJM, will review existing information shared with EDC through registration process and look for input on sharing additional information. This was briefly discussed during DERS meetings.

DERS - Looking to give EDCs the ability to see the method CSPs use to reduce load and the amount of load available to reduce. Additional information is purely informational. EDC does not need to approve it. The EDC does still have to confirm the account number and address are correct.

PJM requested feedback regarding this information from the DRS. PJM would like to know if EDCs think this information will definitely help coordination and if CSP have any issues with sharing this information before spending any time on this effort..

## M11 clean up (2:30 – 2:50 )

6. Mrs. Andrea Yeaton, PJM, will review suggested M-11 clean up items. DRS will be requested to provide input on the proposed clean up items.

There was discussion on how the group should proceed with the approval of the manual changes. Since DR Hub already includes the changes, and the manual is just being updated to reflect this, PJM would like to take the manual changes to the MIC and then the MRC for approval. An executive summary and presentation of just the changes will be created for the stakeholder approval process.

There was some concern that PJM is asking for additional information with the new manual language, so an issue charge may be needed. It was also mentioned that PJM may be able to have stakeholder make motion to move forward without an issue charge.

A discussion of the manual changes will also be conducted at the training in December.

## PJM Economic DR settlement review (2:50 – 3:10)

7. Ms. Masha Nyemko, PJM will review the PJM Economic DR settlement review process. The goal of the settlement review process is to ensure settlements are not submitted as part of the location's normal operations (load reductions that will be done regardless of wholesale market participation).

For synch reserves, The review takes place every six months. 70% performance threshold needs to be achieved regardless of number of events. 70% is used as a benchmark, because it was below the average performance. There were concerns with referral to IMM and FERC if the results were less than 70%. PJM is looking to strike a reasonable balance but needs to ensure that market offers can be fulfilled.

## DR Hub future releases (3:10 – 3:35 )

- Mrs. Andrea Yeaton, PJM, will review DR Hub upcoming releases. Members will be solicited for input regarding DR Hub enhancements scheduled for next year.

Infrastructure changes to DR Hub production went in on 11/15. If issues are seen, notify DR ops.

December 2018 release includes: Seasonal aggregation; Removal of annual ICAP on registrations for CP only; Resources linked to registrations report; and DR Registration Orphan report

February 2019 release includes: LM tests creating an actual test event that is required to be acknowledged (PJM can create tests in train, since next test is in May); Duplicate registrations enhancements; and Compliance search screen (.csv file will be added)

Summer 2019 release includes: PRD (will be using current rules)

Fall 2019 release includes: Summer only DR

Duplicate resolution process standing – PJM will use manual process to monitor and contact both parties. PJM will go to RPM to make sure they are unwound.

“Terminated-Duplicate” status will be added. Can be resubmitted right away and prior approved fields will stay approved.

## 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	12/10/2018	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	1/30/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	2/27/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Thursday	3/28/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	4/24/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	5/28/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	6/19/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	7/23/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Tuesday	8/13/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Thursday	9/5/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	10/2/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Wednesday	11/6/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	12/9/2019	9:30 am – 4:00 pm	PJM Conference & Training Center/ Webex

Author: Jack Thomas

## In Attendance

Langbein (Chair)	Peter	PJM Interconnection,	Not Applicable
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		LLC	
Thomas (Secretary)	Jack	PJM Interconnection, LLC	Not Applicable
Foladare	Ken	Tangibl	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Long	Glenn	PJM Interconnection, LLC	Not Applicable
McAnany	James	PJM Interconnection, LLC	Not Applicable
Nyemko	Masha	PJM Interconnection, LLC	Not Applicable
Pratzon	David	GT Power Group	Not Applicable
Walker	Bill	PJM Interconnection, LLC	Not Applicable
Yeaton	Andrea	PJM Interconnection, LLC	Not Applicable

### In Attendance via WebEx / Teleconference

Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Carmean	Gregory	OPSI	Not Applicable
Christopher	Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Cox	Edward (Phil)	Appalachian Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
Feldman	Brett	Navigant Consulting, Inc.	Not Applicable
Feldman	Brett	Navigant Consulting, Inc.	Not Applicable
Fiano	Anna	KeyTex Energy, LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Haritashya	Namrata	AES Corporation	Generation Owner
Horning	Lynn	LMH Energy	Not Applicable
Hyzinski	Tom	GT Power Group	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Lang	Courtney	NRG Power Marketing LLC	Generation Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner

Miller	John	Commonwealth Edison Company	Transmission Owner
Modlin	Jayne	Duke Energy Carolinas, LLC	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Philips	Marjorie (Marji)	Direct Energy Business, LLC	Other Supplier
Polka	Joseph	Duquesne Light Company	Transmission Owner
Powers	Sean	Linde Energy Services, Inc.	End User Customer
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Singer	Chad	Fellon McCord	Not Applicable
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Wehr	Christopher	Ohio Edison Company	Transmission Owner
Xenopoulos	Damon	Brickfield, Burchette, Ritts & Stone, P.C.	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.

**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><b>On the Phone Dial</b></p>  <p>Mute / Unmute</p>	<p><b>Linking Teleconference Connection to WebEx</b></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>
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# Draft Meeting Minutes

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