

**Demand Response Subcommittee**  
**PJM Conference and Training Center**  
**January 6, 2020**  
**1:00 pm – 3:15 pm EPT**

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

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
  - A. Roll call: in-person only
  - B. Approved the prior minutes for the 12/9/2019 meeting
  - C. No additional agenda items were requested.
  - D. Pete provided a brief update of DR related activity in other stakeholder groups
    - MIC will have time allotted to discuss the MOPR FERC Order. Stakeholders were encouraged to attend that meeting for information. The DRS will handle any tasks assigned by the MIC.
  - E. Shane Watts provided an updated 2020 Training Plan which included new training for January 21, 2020 on Market's Gateway Interaction for DR Resources. ([Presentation](#))
  - F. Jack O'Neill reminded DRS that the 2020/2021 Load Management registration window is open and that any 2020/2021 LM registrations in Confirmed status by January 17, as well as all 2019/2020 LM registrations, will be used in the pre-registration process for existing MW in RPM 2020/2021 3IA.

## (1:15 – 1:30) Updated 10/1 and 10/2/19 Hot Days Report ([Presentation](#))

2. Mr. Jim McAnany and Mr. Jack O'Neill provided an update on Load Management 10/2 event performance. PJM has calculated the energy reductions from confirmed energy settlements for the event based on actual load data recently submitted by CSPs.

The times of the event are not changing. Only the actual reduction values were updated. There were 395 MW of actual energy load reduction (originally estimated 728 MW energy load reduction) on October 2, 2019. For economic DR, there were 8 MW maximum load reduction on October 1 (15 MW estimated) and 19 MW maximum load reduction on October 2 (33 MW estimated). Due to timing of the event, a majority of the DR was Base which was not required to respond.

A breakdown by TO, LDA, etc. was requested. The yearly report should be published in February, and it will have the requested breakdown.

## (1:30 – 1:40) Summary of 12/30/19 PRD Order

3. Mr. Chen Lu will provide a summary of the FERC order accepting the proposed PRD changes (ER20-271-000).

On December 30, 2019, FERC accepted PJM's filing to better align Price Responsive Demand (PRD) with Capacity Performance Resources.

As a reminder, these revisions were originally endorsed by the Members Committee on December 6, 2018. This most recent filing contained all of the stakeholder endorsed changes except for the calculation of Nominal PRD Value, which remains as status quo given the FERC June 27 Order on the earlier PRD filing.

The main changes in this filing that FERC accepted are:

1. Updating the trigger for PRD performance assessment from a Maximum Generation Emergency to an Emergency Action,
2. Making PRD eligible for bonus payments when Actual Performance exceeds its Expected Performance during a Performance Assessment Interval;
3. Aligning PRD's non-performance charge rate during a Performance Assessment Interval with that of all Capacity Performance Resources
4. Aligning the credit requirement for PRD with all Capacity Performance Resources

There is also a provision that allows PRD Providers that already submitted PRD Plans for the 2022/2023 DY to withdraw or modify those plans based on the newly accepted rules no later than 30 days prior to the commencement of the next Base Residual Auction.

In accepting these revisions, FERC also directed PJM to further clarify in a compliance filing that PRD is not eligible to receive bonus payments when its trigger price is above the prevailing LMP during a Performance Assessment Interval. PJM will submit a short compliance filing making this clarification in the Tariff before the end of the January.

#### (1:40 – 2:15) DR resource modelling changes for 2020/21 DY ([Presentation](#))

4. Pete Langbein provided additional scenarios regarding DR resources modelled as one RPM resource. PJM has received questions from CSPs about different scenarios since Andrea discussed this change at the 11/6/19 DRS.

All registrations will be Capacity Performance with a single RPM Auction Commitment.

All registrations with same RPM Auction Resource will have all Summer Nominated ICAP and all Winter Nominated ICAP rolled up together and compared to the annual Capacity Performance RPM commitment (same as last year). If total Summer Nominated ICAP exceeds total Winter Nominated ICAP, it's considered as excess for Summer Only (can be used for replacement, etc).

There is no Winter-Period DR, if the Winter Nominated ICAP is higher than the Summer Nominated ICAP, it cannot be used to cover the RPM commitment, but it is eligible for energy compensation and bonus payments.

## Future Agenda Items

Education requested on how PJM will handle what happens if a state goes with a Fixed Resource Requirement (FRR), and what are the distinctions between resources in an LDA with and without FRR.

## Future Meeting Dates

Monday	2/3/2020	9:00 am – 12:00 pm
Monday	3/9/2020	1:00 pm – 4:00 pm
Monday	4/13/2020	1:00 pm – 4:00 pm
Monday	5/18/2020	1:00 pm – 4:00 pm
Thursday	6/11/2020	1:00 pm – 4:00 pm
Thursday	7/9/2020	1:00 pm – 4:00 pm
Monday	8/3/2020	9:00 am – 12:00 pm
Thursday	9/3/2020	1:00 pm – 4:00 pm
Monday	10/5/2020	1:00 pm – 4:00 pm
Monday	11/2/2020	9:00 am – 12:00 pm
Thursday	12/3/2020	1:00 pm – 4:00 pm

Author: Jack Thomas

Langbein (Chair)	Pete	PJM Interconnection, LLC	Not Applicable
Thomas (Secretary)	Jack	PJM Interconnection, LLC	Not Applicable
Bruno	Josh	PJM Interconnection, LLC	Not Applicable
Cavan	Peter	Direct Energy Business	Other Supplier
Foladare	Kenneth	Tangibl	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Long	Glenn	PJM Interconnection, LLC	Not Applicable
Lu	Chenchao	PJM Interconnection, LLC	Not Applicable
McAnany	James	PJM Interconnection, LLC	Not Applicable
Nyemko	Masha	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Watts	Shane	PJM Interconnection, LLC	Not Applicable

Yeaton	Andrea	PJM Interconnection, LLC	Not Applicable
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## In Attendance via WebEx / Teleconference

Anders	David	PJM Interconnection, LLC	Not Applicable
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
Carmean	Gregory	OPSI	Not Applicable
Chang	Sean	Shell Energy North America (US), LP	Other Supplier
Cornett	Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
D'Alessandris	Lou	FirstEnergy Solutions Corp.	Transmission Owner
Drom	Richard	Eckert Seamans	Not Applicable
Durinsky	Mike	FirstEnergy Solutions Corp.	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
Fan	Zhenyu	PJM Interconnection, LLC	Not Applicable
Fiano	Anna	KeyTex Energy, LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gahimer	Michael	IN Office of Utility Consumer Counselor	End User Customer
Gates	Terry	Appalachian Power Company	Transmission Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Islam	Lubaba	Navigant Consulting, Inc.	Not Applicable
Jha	Monica	PCI	Not Applicable
Khosla	Sachin	Exelon Business Services Company, LLC	Transmission Owner
Kirk	Ryan	Appalachian Power Company	Transmission Owner
Kolo	Elta	GTM	Not Applicable

Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Matheson	Douglas	EnerNOC, Inc.	Other Supplier
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner
Meridionale	Kevin	Jersey Central Power & Light Company	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Ondayko	Brock	Appalachian Power Company	Transmission Owner
Peoples	John	Duquesne Light Company	Transmission Owner
Pisarcik	David	Customized Energy Solutions, Ltd.	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	Not Applicable
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Weeks	Thomas	Michigan Public Power Agency	Generation Owner
Wehr	Christopher	Metropolitan Edison Company	Transmission Owner
Willey	Amy	Delaware.gov	Not Applicable
Wilmoth	Emily	Dominion Virginia Power	Not Applicable
Winkler	Eric	Winkler Energy Consulting	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Xenopoulos	Damon	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
York	Amy	McNees Wallace & Nurick	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.



# Draft Meeting Minutes

**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:

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### 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.

#### On the Phone Dial



Mute / Unmute

#### Linking Teleconference Connection to WebEx

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#### Join a Meeting

1. Join meeting in the WebEx desktop client
2. Enter name (*First and Last\**) 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.*

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