

Demand Response Subcommittee
PJM Conference and Training Center
April 13, 2020
1:00 pm – 4:00 pm EPT

Administration (1:00 - 1:10)

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. WebEx Attendance
 - B. Approved 03/09/2020 meeting minutes.
 - C. Additional agenda items requested.

Exception process for Load Management 30, 60, and 120-minute products. CSPs are required to ensure their customers qualify for the lead time exception under the tariff. CSP's should provide a brief description of why they qualify for the exception in DR Hub. PJM may request supporting information as necessary but the CSP is responsible to ensure the customer qualifies for exception. . If PJM does request supporting information, then PJM will provide a response on whether or not the customer qualifies within 10 days. If a CSP is unsure of the amount of detail needed, they should contact Demand_Response_Operations@pjm.com.

It was asked why replacement transactions were not in the MOPR filing. Footnote 53 (see below) of filing provides an explanation of why PJM is not including replacement transactions in the filing.

Although the above MOPR rules are intended to apply to Incremental Auctions ("IA") as well as the Base Residual Auction, PJM is proposing no special rules in the narrow circumstance associated with replacement transactions undertaken when the Capacity Market Seller can demonstrate the inability of its Capacity Resource to meet its capacity commitment during a limited period between the Third IA on one hand and six months prior to the delivery year on the other. Generally, replacement transactions can only be entered into after the Equivalent Demand Forced Outage Rate ("EFORd") for the Delivery Year has been locked in the Capacity Exchange system (November 30 prior to the Delivery Year). After November 30 prior to the Delivery Year and prior to the conduct of the Third IA for the Delivery Year, the commitment of such a resource may be replaced but only up to the quantity of any commitment deficiency of the resource caused by the differences between sell offer EFORd and Final EFORd, and/or derating (as opposed to replacing the entire resource). In limited instances, a Capacity Market Seller may replace any or all of a resource's capacity commitment prior to the Third IA, but only to the extent that the Capacity Market Seller of the replaced resource provides transparent and verifiable evidence of the inability for such resource to meet its capacity commitment to PJM and the Market Monitor. Acceptable reasons for such replacement include deactivation of the resource, cancellation of a planned resource, or delay in in-service date. PJM Manual 18: PJM Capacity Market, Revision: 44 at section 8.8 (Replacement Resources) (Dec. 9, 2019). Due to this limited utility, it is acceptable to allow subsidized resources to be used

as replacement capacity because they have very limited opportunity to displace unsubsidized resources in the RPM Auctions. Further, if it is determined that a Market Participant deliberately circumvents the MOPR rules by replacing an unsubsidized committed Capacity Resource with a Capacity Resource with State Subsidy, PJM and the Market Monitor can refer such Market Participant to the Commission's Office of Enforcement.

- D. Brief update/discussion of DR related activity in other stakeholder groups – MIC, OC, PC, or other Load Management Test changes should be filed within the next week or two.
- i. The Capacity Capability Senior Task Force is looking at intermittent resource capacity credits; ELCC; DER. There is a potential DR could be affected by any rule changes coming out of the senior task force (STF). Pete will follow the progress and report any DR-related information to the group. It is important to note that DR is out of scope for STF.
- E. Training reminder: PJM will conduct a training session on Economic DR in energy markets on May 27th (date was changed from 5/14 to 5/27 because 5/14 is last day for Load Management registration submissions). Please join the training session if you are interested in this topic.

(1:10 – 1:20) MOPR filing and potential early registration process

2. Pete Langbein reviewed the possible timing for an early registration process if the BRA is conducted in January. The only reason for early registrations would be to capture locations (never registered before) that will be used to support capacity commitment prior to the December '19 MOPR order.

If needed, an early registration process may be used. New locations (never registered) that support the 21/22 capacity commitments may register to be considered exempt from MOPR in the future. This is still a work in progress. It was suggested that PJM keep in mind that Resource Specific deadlines require 120 days before auction open. PJM will be drafting a “hands on” training document to help.

(1:20 – 1:45) DR Registration Process reminder

3. Jack O'Neill reviewed the Load Management registration deadlines and protocol for how to handle customers with reduced load or go out of business (prior to or during the Delivery Year).

The last date to submit new Load Management registrations is 5/14/2020. The data will be reviewed through 5/31. If a registration needs to be resubmitted, use the resubmission feature, so it keeps the same registration number and original submission date. All Load Management registrations must be confirmed by 5/31 at 2350 (11:50 pm). The CSP should not check Completed until 100% sure it is ready to move to Capacity Exchange. Depending on the size of the EDC, registrations auto-approve (large EDCs, > 4 million kWh/year) or auto-terminate (small EDCs, mainly co-ops and municipals) after 10 business days if an EDC doesn't take any action.

For sites going out of business (i.e. have their retail electric service disconnected):

Before 6/1: CSP must terminate the registration prior to DY.

After 6/1: Registration stays in Confirmed status. Balance of portfolio must make up performance shortfall in events or tests.

CSPs encouraged to reach out to DR Ops (Demand_Response_Operations@pjm.com) if any of these issues are encountered.

CSPs should provide their best estimate of real energy reduction capability when submitting Expected Reduction values. These values should be representative of expected load reductions based on current electricity consumption pattern at the end use sites. These values are used for dispatching decisions not for compliance.

PJM provided a link to this registration training document:

<https://pjm.com/-/media/training/core-curriculum/ip-dsr/lmindr.ashx?la=en>

(1:45 – 2:10) COVID-19 discussion

4. Pete Langbein led a discussion on current impact of COVID-19 on CSP, EDC and PJM DR processes.

Any questions or issues, should be directed to DR Ops group (Demand_Response_Operations@pjm.com).

PJM has not heard of any major issues from EDCs and does not expect to file a Waiver to the existing Load Management deadlines.

(2:10 – 2:25) Monthly Report review

4. Jim McAnany reviewed the current DR monthly report and highlighted significant changes

Capacity Bonus payments went out in January. Reports should be available in MSRS.

(2:25 – 2:40) 2019/2020 Winter Peak Load Days

5. Jack O'Neill reviewed the days that will be used to calculate the WPL for the 21/22 registration process.

Days to be used are:

<u>Day</u>	<u>Date</u>	<u>Hour</u>	<u>MW</u>
Thursday	12/19/2019	8:00	120,271
Wednesday	1/22/2020	20:00	119,250
Tuesday	1/21/2020	8:00	118,763
Friday	12/20/2019	8:00	116,517
Wednesday	12/18/2019	19:00	115,779

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	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

In Attendance via WebEx / Teleconference

Langbein	Pete	Chair	
Thomas	Jack	Secretary	
Abramowitz	Jeremy	Monitoring Analytics, LLC	Not Applicable
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
Bruno	Joshua	PJM Interconnection, LLC	Not Applicable
Bruno	Patrick	PJM Interconnection, LLC	Not Applicable
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Carroll	John	RODAN Energy Solutions	Other Supplier
Cavan	Peter	Direct Energy Business, LLC	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Colbert	Cathleen	NRG Power Marketing LLC	Other Supplier
Colpo	Marc	Duke Energy Business Services LLC	Transmission Owner
Cornett	Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
D'Alessandris	Lou	FirstEnergy Solutions Corp.	Transmission Owner
Dorko	Keri	Monitoring Analytics, LLC	Not Applicable
Drom	Richard	Eckert Seamans	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
EJEBE	Gabriel	OATI	Not Applicable

Fee	George	Appalachian Power Company	Transmission Owner
Feldman	Brett	Navigant Consulting, Inc.	Not Applicable
Fiano	Anna	KeyTex Energy, LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare	Kenneth	Tangibl	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gahimer	Michael	IN Office of Utility Consumer Counselor	End User Customer
Guntle	Vince	UGI Development Company	Generation Owner
Hastings	David	Market Interconnection Consulting Services (MICS)	Not Applicable
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Hornyak	Stephen	Appalachian Power Company (AEP Generation)	Transmission Owner
Hull	Gerit	Jennings, Strouss & Salmon, P.L.C.	Not Applicable
Hyzinski	Tom	GT Power Group	Not Applicable
Iler	Art	American Municipal Power, Inc.	Electric Distributor
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston	David	Indiana Utility Regulatory Commission	Not Applicable
Kauffman	Brian	EnerNOC, Inc.	Other Supplier
Kirk	Ryan	Appalachian Power Company	Transmission Owner
Korandovich	Bob	KOREnergy, Ltd.	Other Supplier
Long	Glenn	PJM Interconnection, LLC	Not Applicable
Lu	Chenchao	PJM Interconnection, LLC	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Matheson	Douglas	EnerNOC, Inc.	Other Supplier
McAnany	James	PJM Interconnection, LLC	Not Applicable
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
Mohammed	Muneeb	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Nyemko	Masha	PJM Interconnection, LLC	Not Applicable
Ondayko	Brock	Appalachain Power Company	Transmission Owner
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Pieniasek	Marie	NRG Curtailment Solutions	Other Supplier
Polka	Joseph	Duquesne Light Company	Transmission Owner
Powers	Sean	Linde Energy Services, Inc.	End User Customer
Ring	Eric	Enerwise Global Technologies, Inc.	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scheidecker	Paul	PJM Interconnection, LLC	Not Applicable
Siemen	Nick	Dayton Power & Light Company (The)	Transmission Owner
Sorrels	James	AEP	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	Not Applicable
Trevino	Rita	Siemens Industry, Inc.	Other Supplier
Watts	Shane	PJM Interconnection, LLC	Not Applicable
Weeks	Thomas	Michigan Public Power Agency	Generation Owner
Wehnes	Kathleen	Maryland.gov	Not Applicable
Whitehead	Jeffrey	GT Power Group	Not Applicable
Willey	Amy	Delaware.gov	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Xenopoulos	Damon	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Yeaton	Andrea	PJM Interconnection, LLC	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.

On the Phone, Dial



to Mute/Unmute

Linking Teleconference Connection to Webex

When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.

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.*

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
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