

Demand Response Subcommittee
PJM Conference and Training Center
February 19, 2020
1:00 pm – 4:00 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 from the 02/03/2020 meeting
 - C. Requested additional agenda items

PJM plans to file the Load Management Test Requirements filing with FERC in mid-April.

It was requested that guideposts for considering what is and isn't a subsidy be included in a manual. It was agreed to move this to the parking lot for now.

- D. There were no discussions of DR related activity in other stakeholder groups.

(1:15 –3:30) Impact of MOPR order on DR

2. The MIC Special Sessions discussed the overall MOPR order. The more detailed DR/EE specific issues were discussed at the DRS to allow more time for discussion before the compliance filing is due. Pete Langbein facilitated a discussion on the potential impact of the recent MOPR order on DR. This was a working session to collaborate on how to implement the provisions provided in the order.

<https://www.pjm.com/-/media/committees-groups/subcommittees/drs/2020/20200219/20200219-Item-02-mopr-dr.ashx>

Existing Exempt resources are those that qualified for exemptions that either cleared in the auction or were previously registered. Existing Non-Exempt resources are those that did not qualify for exemption. A Competitive Exemption resource is eligible to receive a subsidy but elects to forgo the subsidy and not be subject to MOPR. If a new resource elects Competitive Exemption but later receives a subsidy, that resource will not receive capacity revenue for the applicable delivery year, nor will the resource ever be allowed to participate in PJM Markets.

For the handling of GenDR and LoadDR, options may include separate registrations/nominations or possible splitting of registrations and nominations by PJM based on prorated data of the load reduction capabilities.

The life of an asset needs to be defined, and when does a new resource become existing resource?

The IMM is thinking of using MIRA for the establishment of unit specific offers, but they are open to discuss other options. Stakeholders should reach out to the IMM to get an account set up if they don't have one. It was mentioned to keep storage backed resources in mind for future calculations to determine of CONE. The IMM hoping to have CONE values available in the next week or two. PJM has Brattle looking at net CONE determination for EE.

The IMM plans to have gross CONE for front-of-meter storage available in the annual SOM report.

It was recommended to minimize changes to DR Hub for handling GenDR and LoadDR nominations.

Draft DR MOPR process. What needs to change and why based on MOPR and MOPR calculation process? Walked through use cases and discuss stakeholder suggestions.

<https://www.pjm.com/-/media/committees-groups/subcommittees/drs/2020/20200219/20200219-dr-mopr-process.ashx>

In the steps of the BRA process as shown on Slide 2 of the presentation, it was mentioned the CSP may not know if a location is subsidized during the DR Pre-registration. Question were raised on how to manage resources from auction until registration, and what type of replacements can be performed and based on what prices?

The notification time of 120 days may not be needed if resource is accepting the default floor value. PJM should take items like this into consideration going forward. It was recommended that PJM keep the framework for subsidies simple, since there are currently none now.

The new plan could affect the credit requirement calculations for existing MW. PJM is open to feedback on how to track the buckets for consistency. PJM will create an example to show how this would be handled.

(3:30 – 4:00) Impact of MOPR order on EE

Discussion of how the MOPR order may impact the EE offer process in RPM auctions.

The most recent approved Post Installation M&V report (PIMV) will be used to determine EE projects as existing or new and the value of exempt MWs. The EE provider will provide PJM with a final PIMV report prior to the beginning of the applicable delivery year. The amount of MW exempted will be the greater of the latest approved PIMV report or the cleared MWs in the auction. Brattle still working on its analysis for default values. Same as DR, submission timing is under discussion (i.e. moving longer than 30 days prior to auction). EE does have option for unit specific exemption.

Future Agenda Items

The following agenda items were requested:

- More discussion on offer floors

- Competitive exemption and asset life

Future Meeting Dates

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
Bastian	Jeff	PJM Interconnection, LLC	Not Applicable
Bhavaraju	Murty	PJM Interconnection, LLC	Not Applicable
Bruno	Josh	PJM Interconnection, LLC	Not Applicable
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Colbert	Cathleen	NRG Curtailment Solutions, Inc.	Other Supplier
Dennis	Jeff	Advanced Energy Economy, Inc.	Not Applicable
Foladare	Kenneth	Tangibl	Not Applicable
Foley	Imelda	Environmental Defense Fund	None
Foster	Denise	East Kentucky Power Cooperative	Transmission Owner
Kaufman	Brian	Enel X North America, Inc.	Other Supplier
Lu	Chenchao	PJM Interconnection, LLC	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable

Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	Not Applicable
Watts	Shane	PJM Interconnection, LLC	Not Applicable
Wisersky	Megan	Madison Gas and Electric Co.	Other Supplier

In Attendance via WebEx / Teleconference

Anthony	Jason	KORenergy, Ltd.	Other Supplier
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Cavan	Peter	Direct Energy Business, LLC	Other Supplier
Cornett	Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Czyzewski	Carley	Baltimore Gas and Electric Company	Transmission Owner
D'Alessandris	Lou	FirstEnergy Solutions Corp.	Transmission Owner
Dorko	Keri	Monitoring Analytics, LLC	Not Applicable
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
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
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Gates	Terry	Appalachian Power Company	Transmission Owner
Haritashya	Namrata	Dayton Power & Light Company (The)	Transmission Owner
Hasan	Prusha	Advanced Energy Economy	None
Heidorn	Richard	RTO Insider	Not Applicable
Herel	Suzanne	PJM Interconnection, LLC	Not Applicable
Hurley	Alex	Donovan Energy	Not Applicable
Hyzinski	Tom	GT Power Group	Not Applicable
Kienle	Cassie	AEP Energy Partners, Inc. (LabCorp)	Transmission Owner
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner
Meridionale	Kevin	Jersey Central Power & Light Company	Transmission Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Nix	Emma	Gable and Associates	Not Applicable

Ondayko	Brock	Appalachain Power Company	Transmission Owner
Peoples	John	Duquesne Light Company	Transmission Owner
Polka	Joseph	Duquesne Light Company	Transmission Owner
Popella	Jeff	Dayton Power & Light Company (The)	Transmission Owner
Powers	Sean	Linde Energy Services, Inc.	End User Customer
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Smithman	Emily	NJBPU	Not Applicable
Sorrels	James	AEP	Transmission Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Tipnis	Ritesh	AEP Energy Partners, Inc.	Other Supplier
VanderLaan	D. William	Illinois Commerce Commission	Not Applicable
Wehnes	Kathleen	Maryland.gov	Not Applicable
Winkler	Eric	Winkler Energy Consulting	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.

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.

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3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

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