

Demand Response Subcommittee
WebEx/Conference Call
March 11, 2021
1:00 pm – 3:30 pm EPT

Administration (1:00 -1:15)

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. WebEx report was used for attendance
 - B. Approved the minutes from the 1/8/2021 DRS meeting.
 - C. No additional agenda items were requested.
 - D. Mr. Pete Langbein provided a brief update on DR related activities being discussed at the DIRS on Order 2222 and DR Modeling taking place within the Capacity Market Workshops. Upcoming training details on Capacity Exchange were also provided.
 - E. Mr. Shane Watts provided the 2021 Demand Response Training Calendar and discussed the initial/annual training requirements located in PJM Manual 40 for Load Management and Ancillary Services DR participants. [2021 Demand Response Training Plan](#)

(1:15 – 1:40) Load Management registration reminders [Presentation](#)

2. Mr. Jack O'Neill reviewed some key items in the Load Management registration process regarding MOPR.

CSPs awarded MW commitments in Incremental Auctions since the MOPR order was issued and the 2021/2022 BRA and that also have new locations or increases in reduction capability above historic max on existing locations, need to be reviewed. The MWs will be classified following the process described in the presentation.

Registration specific MOPR data is available in DR Hub under the MOPR Data tab in Registrations within DR Hub.

Because of the need to trace historical nominated ICAP MW under MOPR CSPs shall notify PJM of EDC account number changes prior to registration in DR Hub. EDC account number is a key piece of data needed for tracking. The notification process is email based. The CSP sends an email dsr_ops@pjm.com with the changes to account details as described in the presentation.

(1:40 – 2:00) DR registration duplicate process [Presentation](#)

3. Mrs. Andrea Yeaton reviewed existing duplicate resolution process.

Business logic exists within DR Hub to resolve duplicate registrations for programs using the same location, which is defined as same EDC, EDC Account Number and Zone. When a duplicate registration is identified, both CSPs shall receive a Duplicate Review Task and an email identifying the duplicate along with a resolution timeline of 5 business days. Each CSP should contact their end-use

customer to determine which CSP the customer wants to use. The CSP then Affirms or Withdraws the Duplicate Review Task.

If a duplicate still exists after both CSPs have responded, or no action taken within the 5th business day following the notification, PJM will terminate both registrations. CSPs should not submit a registration using a location unless they have an effective contract for the time period on the registration.

(2:00 – 2:15) Review DER report [Presentation](#)

- Ms. Masha Nyemko reviewed the “DER that participates as DR” report. This report is focused on DER (generators or batteries behind the load meter) that is used to reduce load to participate as DR in the various PJM markets. Please note FERC Order 2222 is changing the definition of DER and this report is focus on the traditional definition of DER (generator/battery that can produce/discharge energy).

Current participation of DR DER for DY 2020/2021 reduced by 200 MW over previous year, with a total of 2,290 MW of load reduction capability (2020 Economic and DY 2020/2021 Load Management).

Load reductions from manufacturing processes lead synchronized reserve participation at 80%. Battery storage regulation participation decreased by 65% from 2019 values, while water heater contribution increased by 15%.

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	4/5/2021	1:00 – 4:00 pm
Monday	5/10/2021	1:00 – 4:00 pm
Monday	6/7/2021	1:00 – 4:00 pm
Friday	7/9/2021	9:00 am – 12:00 pm
Thursday	8/5/2021	1:00 – 4:00 pm
Thursday	9/2/2021	1:00 – 4:00 pm
Monday	10/4/2021	1:00 – 4:00 pm
Wednesday	11/10/2021	9:00 am – 12:00 pm
Thursday	12/9/2021	9:00 am – 12:00 pm

Author: Jack Thomas

Attendance

Langbein	Peter	PJM Interconnection	Chair
Watts	Shane	PJM Interconnection	Secretary
Anders	David	PJM Interconnection	Not Applicable
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Benchek	Jim	American Transmission Systems Inc.	Transmission Owner
Breidenbaugh	Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Brooks	Royce	Old Dominion Electric Cooperative	Electric Distributor
Bruno	Joshua	PJM Interconnection	Not Applicable
Cala	Gabriela	Commonwealth Edison Company	Transmission Owner
Callen	Zac	Illinois.gov	

Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Cavan	Peter	Direct Energy Business, LLC	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	
Colpo	Marc	Duke Energy Business Services LLC	Transmission Owner
Cornett	Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Donohue	Erin	Enel X North America, Inc.	Other
Downs	Jere	PJM Interconnection	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, LLC	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Transmission Owner
Fan	Zhenyu	PJM Interconnection	Not Applicable
Feldman	Brett	Navigant Consulting, Inc.	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare	Ken	Tangibl	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Guignet	Doug	PJM Interconnection	Not Applicable
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Hull	Gerit	Jennings, Strouss & Salmon, P.L.C.	Not Applicable
Hyzinski	Tom	GT Power Group	Not Applicable
Iler	Art	Indiana Office of Utility Consumer Counsel	End-Use Customer
Ishwanthlal	Shaun	Brookfield Energy Marketing LP	Other Supplier
Jardot	Gina	Essential Power Rock Springs, LLC	Generation Owner
Johnson	Carl	Customized Energy Solutions, Ltd	Not Applicable
Kim	Jiyeon	Potomac Electric Power Company	Electric Distributor
Kogut	George	New York Power Authority	Other Supplier
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Matheson	Doug	Pennsylvania Public Utility Commission	
McAnany	James	PJM Interconnection	Not Applicable
McPhail	Emily	Enersponse Inc.	
McPhail	James	Enersponse Inc.	
Meridionale	Kevin	Ohio Edison Company	Electric Distributor
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	Not Applicable
Ondayko	Brock	Appalachain Power Company	Transmission Owner
O'Neill	Jack	PJM Interconnection	Not Applicable
Pisarcik	David	Customized Energy Solutions, LTD	Not Applicable
Polka	Joseph	Duquesne Light Company	Transmission Owner
Ring	Eric	CPower Corp	
Rodriquez	Tomas	OPSI	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, LTD	Not Applicable
Sorrels	Jim	AEP	Transmission Owner
Svenson	Heather	PSEG Energy Resources & Trade LLC	Other Supplier
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	Not Applicable
Thomas	Jack	PJM Interconnection	Not Applicable
Walker	William	PJM Interconnection	Not Applicable
Webster	John	Dyon LLC	Not Applicable
Wehnes	Kathleen	Maryland.gov	Not Applicable
Wiley	Amy	Delaware.gov	Not Applicable
Woznyj	Michael	PJM Interconnection	Not Applicable



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Xenopoulos	Damon	stone mattheis xenopoulos & brew, PC	Not Applicable
Yeaton	Andrea	PJM Interconnection	
Yoo	Kyunglin	Non Member	

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.

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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>to Mute/Unmute</p>	<p>Linking Teleconference Connection to Webex</p> <p>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.</p>
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