

Demand Response Subcommittee
WebEx/Conference Call
October 5, 2020
1:00 pm – 2:30 pm EPT

Administration (1:00 -1:10)

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. WebEx report used for attendance
 - B. Approved the minutes from the 09/03/2020 DRS meeting
 - C. No additional agenda items requested
 - D. Brief update/discussion of DR related activity in other stakeholder groups – MIC, OC, PC, or other PRD problem statement being presented at the October MIC
 - E. Reminder - PJM DR Overview training is scheduled for October. [Presentation](#)
 Send feedback to Pete Langbein on the usefulness of September in depth training.
 Ancillary training will be scheduled at some time in the near future. The exact date has not yet been determined.

(1:10 – 1:30) MOPR impact for EE resources

2. Paul Scheidecker (PJM) reviewed key impacts from MOPR order on EE resource participation in the RPM auctions. [Presentation](#)

For Energy Efficiency: Exempt sell offers for each installation period, zone and sub-zone to the greater of the latest approved post-installation measurement and verification report prior to December 19, 2019 **OR** the maximum MW cleared for a Delivery Year across all auctions conducted prior to December 19, 2019. The default New Entry MOPR Floor Offer Price for Energy Efficiency Resources will be \$127/ICAP MW-Day, and the default cleared MOPR Floor Offer Prices will be \$0/ICAP MW-Day. MOPR exception requests will be submitted via the IMM's MIRA system, and the data will be bridged into PJM's system.

| Activity | Deadline |
|--|---|
| PJM posts preliminary MOPR screen prices | 150 days prior to auction |
| Sellers identify "State Subsidized Resources" | 120 days prior to auction / 30 days for DR&EE |
| Sellers submit unit-specific MOPR request and self-supply exemption requests | 120 days prior to auction |
| IMM provides determination | 90 days prior to auction |
| PJM provides determination | 65 days prior to auction |
| Sellers confirm MOPR price to be used | 60 days prior to auction |
| Sellers submit election to forgo subsidy (competitive exemption) | 30 days prior to auction |

(1:30 – 2:00) Summary of Order 2222

3. Thomas DeVita (PJM) provided a summary of Order 2222. (DER aggregation). Note, DER actively participates in the PJM markets under the DR rules today. [Presentation](#)

PJM is asking for feedback from stakeholders on the FERC compliance directives. The work will mostly occur in the DER and Inverter-based Resources Subcommittee (DIRS). Order 2222 defines DER as any resource located on the distribution system, any subsystem thereof or behind a customer meter.

The order will allow DER to participate in RTO/ISO markets through a new kind of participant called a “DER aggregator”. The minimum size requirement for an aggregation cannot be larger than 100kW.

Rules will be effective 60 days after publication in the Federal Register, and RTO/ISOs must file tariff changes within 270 days of the publication date. The tariff filing must propose an implementation date, but FERC will establish the effective date for each RTO/ISO.

(2:00 – 2:10) Load Management (CP) test and associated add back process

4. Jack O’Neill (PJM) reviewed the add-back process of Load Management CP tests. [Presentation](#)

The 2020 5CP candidate dates are: July 6; July 9; July 20; July 21; July 27; July 28; July 29; August 10; August 24; August 27.

Load Management testing, Energy Settlements and PRD data must be submitted to PJM by the CSP by October 13, 2020 to be included in the 2020 5CP determination.

(2:10 – 2:25) Load Management/PRD conforming manual changes to new test requirements

5. Jack O’Neill (PJM) reviewed the expected stakeholder time line for the manual changes to conform to the new Load Management/PRD test requirements. [Presentation](#)

Manual 1, 11, 18 and 28 will require updates. Draft manual language is planned to be presented to the DRS for consideration and drafting at the December DRS meeting. Draft timeline is to have vote at May 2021 MRC.

(2:25 – 2:45) DR Hub Update

6. Andrea Yeaton (PJM) reviewed updates to DR Hub in support of MOPR activities. [Presentation](#)

The DR Hub releases for MOPR will be:

Train – 10/15/2020

Production – 10/29/2020

Updates will add new MOPR fields in the Capacity section that will be used in upcoming RPM auctions in the pre-registration process. Users will need the new XSD to modify Load Management registrations using Web Services.

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 | 11/2/2020 | 9:00 am – 12:00 pm |
| Thursday | 12/3/2020 | 1:00 pm – 4:00 pm |

Author: Jack Thomas

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|--------------|-----------|---------------------------------------|----------------------|
| Langbein | Peter | PJM Interconnection, LLC | Chair |
| Thomas | Jack | PJM Interconnection, LLC | Secretary |
| Ainspan | Malcolm | Energy Curtailment Specialists, Inc. | Other Supplier |
| Anthony | Jason | KORenergy, Ltd. | Other Supplier |
| Bhavaraju | Murty | PJM Interconnection, LLC | Not Applicable |
| Breidenbaugh | Aaron | Rodan Energy Solutions (USA) Inc. | Other Supplier |
| Brooks | Royce | Old Dominion Electric Cooperative | Electric Distributor |
| Bruno | Joshua | PJM Interconnection, LLC | Not Applicable |
| Bruno | Patrick | PJM Interconnection, LLC | Not Applicable |
| Campbell | Bruce | EnergyConnect, Inc. | Other Supplier |
| Carmean | Gregory | OPSI | Not Applicable |
| Cavan | Peter | Direct Energy Business, LLC | Other Supplier |
| Chang | Sean | Shell Energy North America (US), LP | Other Supplier |
| Cornett | Stephanie | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Croop | Danielle | PJM Interconnection, LLC | Not Applicable |
| DeVita | Thomas | PJM Interconnection, LLC | Not Applicable |
| Donahue | Erin | Enel X North America, Inc. | Other Supplier |



Draft Meeting Minutes

| | | | |
|-------------|------------|---|----------------------|
| Drom | Richard | Eckert Seamans | Not Applicable |
| Eber | Jim | Commonwealth Edison Company | Transmission Owner |
| Ehrichs | Lisa | Duke Energy Business Services LLC | Generation Owner |
| Elkins | Rachel | First Energy Company | Transmission Owner |
| Filomena | Guy | Customized Energy Solutions, Ltd. | Not Applicable |
| Fleisher | Madeline | Dickinson Wright PLLC | None |
| Foladare | Kenneth | Tangibl | Not Applicable |
| Ford | Adrien | Old Dominion Electric Cooperative | Electric Distributor |
| Gemmill | Emily | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Hartman | Gary | Talen Energy Marketing, LLC | 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 |
| Hyzinski | Tom | GT Power Group | Not Applicable |
| Iler | Art | Indiana Office of Utility Consumer Counsel | End User Customer |
| Johnson | Carl | Customized Energy Solutions, Ltd. | Not Applicable |
| Johnson | Ryan | NRG Power Marketing LLC | Generation Owner |
| Johnson | Ryan | NRG Power Marketing LLC | Generation Owner |
| Kauffman | Brian | EnerNOC, Inc. VERIFY COMPANY NAME FROM REGISTRATION | Other Supplier |
| Kirk | Ryan | Appalachian Power Company | Transmission Owner |
| Kogut | George | New York Power Authority | Other Supplier |
| 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 |
| Makinde | Lumi | Energy Exemplar | None |
| Mariam | Yohannes | Office of the Peoples Counsel for the District of Columbia | End User Customer |
| Marzewski | Skyler | Monitoring Analytics, LLC | Not Applicable |
| Matheson | Eric | Pennsylvania Public Utility Commission | Not Applicable |
| Matheson | Douglas (Doug) | Enel X North America, Inc. | Other Supplier |
| McAnany | James | PJM Interconnection, LLC | Not Applicable |
| McDaniel | John | Baltimore Gas and Electric 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 |
| Morelli | Lisa | PJM Interconnection, LLC | Not Applicable |
| Newbold | Russ | CPowerEnergyManagement | Other Supplier |
| Nyemko | Masha | PJM Interconnection, LLC | Not Applicable |
| Ondayko | Brock | Appalachain Power Company | Transmission Owner |
| O'Neill | Jack | PJM Interconnection, LLC | Not Applicable |
| Peoples | John | Duquesne Light Company | Transmission Owner |
| Polka | Joseph | Duquesne Light Company | Transmission Owner |
| Powers | Sean | Linde Energy Services, Inc. | End User Customer |
| Robins | Pip | EMC Development Company, Inc. | Other Supplier |
| Rodriguez | Tomas | OPSI | Not Applicable |
| Rohrbach | John | Southern Maryland Electric Cooperative | Electric Distributor |
| Rorie | Lezael | Southern Maryland Electric Cooperative, Inc. | Electric Distributor |
| Rouland | James | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |



Draft Meeting Minutes

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|-----------------|-------------|------------------------------------|--------------------|
| Sasser | Jonathan | Customized Energy Solutions, Ltd.* | Not Applicable |
| Scheidecker | Paul | PJM Interconnection, LLC | Not Applicable |
| Scheirer | Alexandra | PJM Interconnection, LLC | Not Applicable |
| Sweeney | Rory | GT Power Group | Not Applicable |
| Trevino | Rita | Siemens Industry, Inc. | Other Supplier |
| Wehnes | Kathleen | Maryland.gov | Not Applicable |
| Wehr | Christopher | Metropolitan Edison Company | Transmission Owner |
| Whitehead | Jeffrey | GT Power Group | Not Applicable |
| Wiegand-Jackson | Laurie | North America Power Partners LLC | Other Supplier |
| Willey | Amy | Delaware.gov | Not Applicable |
| Wisersky | Megan | Madison Gas & Electric Company | Other Supplier |
| Yeaton | Andrea | PJM Interconnection, LLC | Not Applicable |
| Zamojcin | Ann | 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.

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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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