

Demand Response Subcommittee
PJM Conference and Training Center
June 11, 2020
1:00 pm – 4:00 am 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 05/18/2020 DRS meeting minutes
 - C. No additional agenda items were requested
 - D. Brief update/discussion of DR related activity in other stakeholder groups. At the June MIC, there was a first read for the issue charge/problem statement addressing the Price Responsive Demand (PRD) Credits Disposition.
 - E. Reminder for final CSP 19/20 CP Test tasks

The CP test event compliance verification window opened on 6/1/2020 and closes on 7/15/2020. Resources that responded to 10/2/2019 event do not need to submit data.
 - F. Load Management training will be conducted on June 25, 2020 from 1:00 pm - 3:00 pm. It will be a WebEx only training.

(1:10 –1:20) Review and feedback on 6/2 PJM Summer Drill

2. Jack O'Neill provided a quick summary of the annual summer drill and collect any feedback from members. [Presentation](#)

The drill is an exercise of the PJM Emergency Procedure and All Call communications. Although DR Hub is the primary notification channel for Load Management DR resources, the All Call and Emergency Procedures are secondary methods of communication. DR Hub is not used in the drill so as to avoid accidental deployment. Rather, DR Hub's electronic communication is tested when LM resources perform their own performance tests.

(1:20–1:40) Review of Load Management 20/21 Registration cycle

3. Andrea Yeaton provided a summary of the 20/21 Registration cycle. Stakeholders will discuss any observations or suggestions for consideration for the next Registration cycle. [Presentation](#)

Load Management registration for the 2020/2021 DY ended May 31, 2020. There were 102 Duplicate Review Process tasks, and 95 were resolved during the first review. PJM was asked to assist with 8 of these.

Jack O'Neill reviewed WPL summary data for 2020/2021 LM registrations. Over 98% of approximately 13,000 registrations had WPL calculated based on DY-2 data. This is the first year with full CP requirements. WPL data is required for all registrations other than those indicating Summer Only.

The overall Load Management registration process went very well and no significant issues were raised to resolve for next year.

(1:40–1:50) Seasonal DR review – nomination through dispatch or testing

4. Jack O'Neill outlined the seasonal DR process based on questions received through the hotline. [Presentation](#)

Summer Only (SO) resources may be dispatched at any time of the year. This provides the opportunity for the CSP to dispatch their SO registrations out of season, if they can reduce load. If SO registration cannot reduce load in the winter the CSP does not have to dispatch their SO registration in the non-summer period. If it does respond, it will get credit towards RPM resource compliance reduction.

LM dispatch decisions are based on CSP reported Expected Reductions. SO registrations are likely to be reporting zero expected reduction (ER) in the winter, but not always since they may have some capability in shoulder months. Note that if a SO registration responds to an event in the winter, that does not remove the test requirement for the SO registration. SO registrations that respond during the winter can help meet winter commitments.

(1:50–2:00) Brief review of recent FERC approved reserve market changes and impact to DR

5. James McAnany provided a high level overview of potential impact of recently approved FERC reserve market changes. The overall changes will be covered at the MIC and this will be focused on some of the specific DR impacts. The PJM compliance filing is due in early July. [Presentation](#)

Tier 1 and Tier 2 Synchronized Reserve combining into one market that will be cleared in Day Ahead and Real-time. Under the new rules DR SR offers will be capped at close to \$0. There will be a Day Ahead Secondary Reserve market (replaces Day Ahead Scheduling Reserve) and Real-time Secondary Reserve market. Participation in the Secondary Reserve market requires qualification testing, an economic registration/dispatch group, approved 1 minute metering, a real-time energy offer, and a notification time of less than or equal to 30 minutes.

(2:00–2:30) Update of MOPR impact on DR based on PJM second compliance filing

6. Pete Langbein provided an update on the MOPR impact on DR and focus on changes since the May DRS meeting. [Presentation](#)

Subsidy guidelines are being developed in conjunction with the IMM and should be available in July. PJM & IMM will evaluate and publish guidelines regarding State specific subsidies submitted by stakeholders.

The maximum nominated kw per location over previous 6 years will be considered exempt in the Pre-Registration MOPR process. Resources that were registered longer than 6 years ago may be approved on a case-by-case basis.

There are plans to have 5 available subsidy statuses: Subsidy; No Subsidy; Subsidy - Unit Specific Exemption (Offer Floor); Subsidy - Competitive Exemption; and Banned (New/Existing).

(2:40–3:10) DR MOPR Pre-Registration process

7. Josh Bruno provided an overview of DR Pre-Registration process changes based on the filed MOPR rules. This is a work in progress and final implementation details will evolve. [Presentation](#)

PJM plans to provide a breakdown of the MW associated with each location for the CSP to verify if each location is a capacity resource with state subsidy. Capacity Exchange will indicate if the location is subject to MOPR. Information can be found in OATT Attachment DD Section 5.14 (h-1).

(3:10–3:50) MOPR unit specific exemption process

8. Paul Scheidecker from PJM provided an overview of the unit specific exemption process. [Presentation](#)

Minimum Offer Price Rule Process (MOPR)

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

The IMM provided an overview of the application (MIRA) used to manage the unit specific exemption process. The goal is to provide a basic understanding of the process as DR specific details are developed. [Presentation](#)

Plans are to use MIRA for all MOPR requests. Additional supporting documents can be uploaded to MIRA for the requests. On slide 8 of the presentation, underlying locations refers to locations making up a capacity resource.

There was a request to standardize the approach for the reliability benefit of generation backed DR going forward.

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

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	Pete	Chair	
Thomas	Jack	Secretary	
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Board	Jenny	DE PSC	None
Bowring	Joe	Monitoring Analytics, LLC	Not Applicable
Brooks	Royce	ODEC	Electric Distributor
Bruno	Joshua	PJM Interconnection, LLC	Not Applicable
Campbell	Bruce	EnergyConnect, Inc.	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
Davis	James (Jim)	Dominion Energy Marketing, Inc.	Generation Owner
Dorko	Keri	Monitoring Analytics, LLC	Not Applicable
Drom	Richard	Eckert Seamans	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Eber	Jim	Commonwealth Edison Company	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
Fee	George	Appalachian Power Company	Transmission Owner
Fereshetian	Damon	PJM Interconnection, LLC	Not Applicable
Fiano	Anna	KeyTex Energy, LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Foladare	Kenneth	Tangibl	Not Applicable

Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foust	Wolfgang (Wolf)	NuEnergen, LLC	Other Supplier
Gates	Terry	Appalachian Power Company	Transmission Owner
Gemmill	Emily	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gunn	Garan	Public Service Electric & Gas Company	Transmission Owner
Guntle	Vince	UGI Development Company	Generation Owner
Hasan	Prusha	Advanced Energy Economy	None
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
Huang	Jame	Rockland Electric Company	Transmission Owner
Hyzinski	Tom	GT Power Group	Not Applicable
Jha	Monica	PCI	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Kirk	Ryan	Appalachian Power Company	Transmission Owner
Korandovich	Bob	KOREnergy, Ltd.	Other Supplier
Long	Glenn	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
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
Ondayko	Brock	Appalachian Power Company	Transmission Owner
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Parkin	Ashley	CPowerEnergyManagement	Other Supplier

Piehler	John	Affirmed Energy LLC	Other Supplier
Polka	Joseph	Duquesne Light Company	Transmission Owner
Purvis	Brian	CPowerEnergyManagement	Other Supplier
Salaneck	Alexandra	Monitoring Analytics, LLC	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scheidecker	Paul	PJM Interconnection, LLC	Not Applicable
Svenson	Heather	Public Service Electric & Gas Company	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
Wehr	Christopher	Metropolitan Edison Company	Transmission Owner
Whitehead	Jeffrey	GT Power Group	Not Applicable
Willey	Amy	Delaware.gov	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.

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<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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Draft Meeting Minutes

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