

Demand Response Subcommittee
PJM Conference and Training Center
August 13, 2019
9:00 a.m. – 12:00 p.m. EPT

(9:00 - 9:15) Administration

1. Welcome, Announcements and Anti-trust and Code of Conduct announcement
 - A. Roll call: in-person only
 - B. Approved prior minutes – 7/23/2019 meeting
 - C. No additional agenda items requested
 - D. Brief update/discussion of DR related activity in other stakeholder groups – MIC, OC, PC, or other
 - MIC – the DRS Problem Statement/Issue Charge was approved expanding the scope of LM testing to include PRD testing. PJM may possibly bring PRD items that were not specifically rejected by FERC through the stakeholder process to present to the MRC.

(9:15 –10:15) PRD test requirement education

2. Load Management Testing scope was amended to include PRD at the MIC because PRD testing was based on Load Management Testing requirements. Andrea Yeaton provided education on the PRD test requirements and highlighted any differences to the existing Load Management test requirements.

If a registration does not participate in an event during the year, those registrations are required to perform a test. Similar to Load Management Tests, performance for PRD Tests results are rolled up to the zonal level before evaluating for compliance.

PRD registration functionality has been implemented in DR Hub TRAIN.

(10:15 –12:00) Load Management Test proposed changes

3. Determine if any changes should be made to the proposals based on input from the first read at the MIC to build consensus and/or clarify any details. Determine if changes can be made to proposals to incorporate PRD. This DRS meeting helped determine the final proposals that will go to the MIC for a vote or second first read (if there are significant changes and MIC would like a second review).

DRS members agreed to update existing proposals to include PRD for the vote at the MIC. There were only a few minor changes to incorporate PRD into the matrix

PJM modified PJM1a to provide lead time for the monthly test notification. PJM will notify months that will be tested on or before the 21st of the month prior to the test. No other proposal sponsors were willing to make changes to their proposals.

A footnote will be added to the matrix stating PRD Provider can be CSP, LSE or EDC.

Changes were made to the PJM and IMM proposals to include PRD testing. The other package owners were tasked with adding their PRD testing information.

The CSP1 and CSP2 package owners were asked to rename their packages for better clarity of actual package owners.

A new design component was added to the matrix around price setting/LMP calculations. There was some concern that load reductions will create a significant impact of load forecast and could impact LMP and/or unit commitments. PJM will investigate and propose how test load reduction will be handled in real time energy market operations.

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	9/5/2019	9:00 am – 12:00 pm	PJM Conference & Training Center/ Webex
Wednesday	10/2/2019	9:00 am – 12:00 pm	PJM Conference & Training Center/ Webex
Wednesday	11/6/2019	9:00 am – 4:00 pm	PJM Conference & Training Center/ Webex
Monday	12/9/2019	9:00 am – 4:00 pm	PJM Conference & Training Center/ Webex

Author: Jack Thomas

Langbein (Chair)	Pete	PJM Interconnection, LLC	Not Applicable
Thomas (Secretary)	Jack	PJM Interconnection, LLC	Not Applicable
Colbert	Cathleen	NRG Power Marketing LLC	Other Supplier
Kaufman	Brian	EnerNOC, Inc.	Other Supplier
Long	Glenn	PJM Interconnection, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
Nyemko	Masha	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Powers	Sean	Linde Energy Services, Inc.	End User Customer

Scarpignato	David	Calpine Energy Services LP	Generation Owner
Sweeney	Rory	GT Power Group	Not Applicable
Yeaton	Andrea	PJM Interconnection, LLC	Not Applicable

In Attendance via WebEx / Teleconference

Anders	David	PJM Interconnection, LLC	Not Applicable
Anthony	Jason	KOREnergy, Ltd.	Other Supplier
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Borgatti	Michael	Gabel and Associates	Not Applicable
Bruce	Susan	McNees Wallace & Nurick LLC	Not Applicable
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Carmean	Gregory	OPSI	Not Applicable
Cavan	Peter	Direct Energy Business, LLC	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Cornett	Stephanie	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Durinsky	Mike	FirstEnergy Solutions Corp.	Transmission Owner
Ehrichs	Lisa	Duke Energy Business Services LLC	Generation Owner
Fiano	Anna	KeyTex Energy, LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foust	Wolfgang	NuEnergen, LLC	Other Supplier
Freeh	Larissa	Appalachian Power Company	Transmission Owner
Gates	Terry	Appalachian Power Company	Transmission Owner

Guntle	Vince	UGI Development Company	Generation Owner
Hastings	David	Market Interconnection LLC	Not Applicable
Hewett	Christopher	Virginia Electric & Power Company	Transmission Owner
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Hyzinski	Tom	GT Power Group	Not Applicable
Jens	Tom	Black Oak Capital, LLC	Other Supplier
Kirk	Ryan	Appalachian Power Company	Transmission Owner
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Marzewski	Skyler	Monitoring Analytics, 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
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko	Brock	Appalachian Power Company	Transmission Owner
Pawar	Aasawari	First Solar	Not Applicable
Peoples	John	Duquesne Light Company	Transmission Owner
Pisarcik	Dave	Customized Energy Solutions, Ltd.*	Not Applicable
Polka	Joseph	Duquesne Light Company	Transmission Owner
Ring	Eric	Enerwise Global Technologies, Inc.	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Stein	Ed	FirstEnergy Solutions Corp.	Transmission Owner

Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	Not Applicable
Watts	Shane	PJM Interconnection, LLC	Not Applicable
Webster	John	Icetek.com, Inc.	Other Supplier
Wehnes	Kathleen	Maryland State Government	Not Applicable
Wehr	Christopher	Ohio Edison Company	Transmission Owner
Winkler	Eric	Winkler Energy Consulting	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Xenopoulos	Damon	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Zhao	Jenny	Appalachian Power Company	Transmission Owner
Zuschak	Joseph	FirstEnergy Solutions Corp.	Transmission Owner

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.

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