

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
August 10, 2016
9:30 a.m. – 4:00 p.m. EPT

Administration

1. Ms. Christina Stotesbury, PJM, provided announcements and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines
2. Draft minutes from the July 13, 2016 Market Implementation Committee meeting, the July 27, 2016, Special Session of the Market Implementation Committee were both approved by acclamation with 0 objections and 0 abstentions.
3. Ms. Christina Stotesbury, PJM, reviewed the active MIC issues on [Issue Tracking](#).

Endorsements/Approvals

4. **Periodic Review for Manual 11 – Energy & Ancillary Services Market Operations**
Mr. Tong Zhao, PJM, and Ms. Cheryl Mae Velasco, PJM, reviewed changes to Manual 11 – Energy & Ancillary Services Market Operations for Day Ahead and Real Time changes as part of the periodic review process. **The Committee endorsed these changes by acclamation with 0 objections and 0 abstentions.**

Working Issues

5. **Residual ARR Enhancements**
Mr. Brian Chmielewski, PJM, briefly reviewed the Residual Auction Revenue Rights issue, and initiated discussion around potential enhancements to the Residual Auction Revenue Rights (ARR) process. The Committee was asked to provide additional interests, design components and solution options in advance or at the September meeting. [Issue Tracking: Residual ARR Enhancements](#)
6. **Operating Parameter Discussion**
Mr. Tom Hauske, PJM, provided a brief update on the proposals to un-nest Operating Parameter definitions in Manuals 11, 15 and 28. The MIC collectively decided to not poll on the two packages presented thus far, but instead consider this presentation as a first read. The Committee will be asked to endorse a package at the September MIC meeting.
[Issue Tracking: Operating Parameter Definitions](#)
7. **Release of Capacity in 17/18 Delivery Year 3rd Incremental Auction**
Mr. Jeff Bastian, PJM, reviewed the updated PJM proposal and continued discussion with the Committee in response to the reporting directive in FERC Docket ER16-532 concerning the release of annual capacity in the 2017/2018 Delivery Year 3rd Incremental Auction procured in the Capacity Performance Transition Incremental Auction. The Committee agreed this item could be considered a first read, and therefore will be asked to endorse the PJM proposal at the September Meeting.

8. **Spot-in Transmission Service for Energy Imports from NYISO**

Mr. Joe Wadsworth, Vitol, discussed the design components of a solution related to spot-in transmission service for energy imports from NYISO. An update on communication with NYISO on this proposed solution will be provided at the September MIC meeting.

[Issue Tracking: Spot-in Transmission Service for Energy Imports from NYISO](#)

9. **Cost Development Guideline Changes and Fuel Cost Policy**

A. Mr. Tom Hauske, PJM, provided an update on the draft governing document updates and the proposed Fuel Cost Policy process as it relates to PJM's Hourly Offer compliance filing. The filing will be submitted on August 16th.

B. Dr. Joe Bowring, Monitoring Analytics, responded to PJM on behalf of the MMU. The MMU's proposed changes were emailed to the MIC distribution list on Friday, August 12, 2016.

The committee will be asked to endorse the Manual 15 changes at the September MIC meeting.

10. **FERC Order 825 - Settlements**

Mr. Ray Fernandez, PJM, provided a summary on FERC Order 825 related to energy, reserve and inertia settlements.

11. **FERC Order 825 - Shortage**

Mr. Adam Keech, PJM, provided education on PJM's current shortage practices and initiated discussion on FERC Order 825 shortage requirements.

12. **Annual Revenue Requirements for new Black Start Units**

In the interest of time, the Annual Revenue Requirements for new Black Start Units education was delayed and will be provided at the September MIC meeting.

Additional Updates

13. **FTR Credit Analysis Update**

Mr. Hal Loomis, PJM, provided an update on the FTR Credit Analysis on behalf of the Credit Subcommittee.

14. **Net Energy Injections Quarterly Review**

Ms. Jennifer Warner-Freeman, PJM, reviewed the 2nd quarter Net Energy Injections Quarterly Report.

15. **Unit Specific Adjustment Process Review**

Ms. Alpa Jani, PJM, reviewed the Unit Specific Adjustment Process, and noted all adjustment requests must be submitted by February 28 for evaluation by April 15 (prior to the applicable delivery year).

16. **Inter-Regional Coordination Activity**

Mr. Tim Horger, PJM, provided a brief update on Inter-Regional Coordination activity. The next PJM/MISO joint stakeholder meeting will be hosted by PJM on Tuesday, August 23 at the PJM Conference and Training Center.

Informational Section

Credit Subcommittee (CS)

Meeting materials will be posted to the [CS website](#).

Demand Response Subcommittee (DRS)

Meeting materials will be posted to the [DRS web site](#).

DR Hub

As discussed over the last 6 months at the Demand Response Subcommittee (“DRS”), PJM is developing a replacement tool for eLRS called “DR Hub”. Questions and feedback regarding DR Hub should be sent to DRHubSupport@pjm.com. PJM will continue to update members on the status and timeline for the DR Hub implementation at the DRS and through the DRS email notification distribution. Stakeholders interested in receiving updates on DR Hub should self-subscribe to “eLRS/DR Hub” via [My Email Lists](#) by selecting “PJM Tools”.

Intermittent Resources Subcommittee (IRS)

Meeting materials will be posted to the [IRS web site](#).

Market Settlements Subcommittee (MSS)

Meeting materials are posted to the [MSS web site](#).

Report on Market Operations

The Report on Market Operations will be reviewed during the [MC Webinar](#).

Future Meeting Dates

September, 14, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
October 5, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
November 2, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
December 14, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center

Members in Attendance

Hendrzak, Chantal (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Benчек, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy, LLC	Other Supplier
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Crystle, Gil	UGI Development Company	Transmission Owner
Dillon, Matthew	UGI Development Company	Generation Owner
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Greening, Michele	Talen Energy Marketing, LLC	Generation Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Jablonski, James	Borough of Butler, Butler Electric Division	Electric Distributor
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut, George	New York Power Authority	Other Supplier

Brown, David R	NextEra Energy Power Marketing, LLC	Generation Owner
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Bumgarner, Carrie	Wright & Talisman, P.C.	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Cerchio, Jerry	Monitoring Analytics, LLC	Not Applicable
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Cochran, Adam	Tenaska Power Services Co.	Generation Owner
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Currier, Jeff	Dominion Virginia Power	Not Applicable
Dana, Oper	Premier Global Services Inc	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Electric Distributor
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Dessender, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Dhuri, Bhushan	PJM Interconnection, LLC	Not Applicable
Dickson, Douglas	New Jersey Board of Public Utilities	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Doremus, Steven	EnerNOC, Inc.	Other Supplier
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esposito, Pati	TransCanada Power Marketing Ltd.	Other Supplier
Farber, John	DE Public Service Commission	Not Applicable
Fox, Angela	Wylan Energy, L.L.C.	Not Applicable
Garnett, Bryan	Duke Energy Business Services LLC	Transmission Owner
Gates, Terry	Appalachian Power Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Glazer, Craig	PJM Interconnection, LLC	Not Applicable
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Gresh, Kevin	PJM Interconnection, LLC	Not Applicable
Hamilton, Brian	Unknown	Unknown
Hamilton, Robert	Plymouth Energy LLC	Not Applicable
Harmon, Michael	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hart, Ronald	Dominion Energy Marketing, Inc.	Generation Owner
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Helms, Joe	Rainbow Energy Marketing Corporation	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horton, Dana	Appalachian Power Company	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski, Tom	Talen Energy Marketing, LLC	Generation Owner
J.M.	Castleton Commodities Merchant Trading L.P.	Other Supplier
Janicki, Diane	Boston Energy Trading and Marketing, LLC	Generation Owner
Jett, William	Duke Energy	Transmission Owner
Johnson, Nick	Tenaska Power Services Co.	Generation Owner
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Keefer, Brian	Dominion Energy Marketing, Inc.	Generation Owner
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Langbein, Peter	PJM Interconnection, LLC	Not Applicable
Leasure, Jill	Keystone Projects	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Leopold, Chris	Appalachian Power Company	Transmission Owner

Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Logan, Sharon	The Federal Energy Regulatory Commission	Not Applicable
Long, Amanda	PJM Interconnection, LLC	Not Applicable
Malkin, David	KOREnergy, Ltd.	Other Supplier
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
Matheson, Doug	EnerNOC, Inc.	Other Supplier
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
McLaughlin, Jeffrey	PJM Interconnection, LLC	Not Applicable
Miller, John	Commonwealth Edison Company	Transmission Owner
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Parker, Tom	Unknown	Unknown
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Rajan, Abhijit	Dominion Resources	Not Applicable
Riding, MQ	Essential Power OPP, LLC	Transmission Owner
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schneider, Jon	FirstEnergy Solutions Corp.	Transmission Owner
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shannon, Gary	Appalachian Power Company	Transmission Owner
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Slagel, Ron	Unknown	Unknown
Stubblefield, Mark	NextEra Energy Power Marketing, LLC	Generation Owner
Suh, Jung	Noble Americas Gas & Power Corp.	Other Supplier
Sweeney, Rory	Other	Not Applicable
Tangirala, Subha	ABB	Not Applicable
Tatum, Ed	American Municipal Power, Inc.	Electric Distributor
Theodore, Sharon	Electric Power Supply Association	Not Applicable
Treich, Brianna	Interstate Gas Supply, Inc.	Other Supplier
Villeneuve, Alexandre	MAG Energy Solutions, Inc.	Other Supplier
Vogel, Anne	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Weiss, Glenn	PJM Interconnection, LLC	Not Applicable
Welty Jr, Peter	Easton Utilities Commission	Electric Distributor
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams, Amber	New York State Electric & Gas Corporation	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Wisersky, Megan	Madison Gas & Electric Co.	Other Supplier
Wong, Bryant	ABB	Not Applicable
Wood, Gordon	ETC Endure Energy L.L.C.	Other Supplier
Yu, Joel	Rockland Electric Company	Transmission Owner
Zilliox, Skylar	RES America Developments Inc	Generation Owner

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Facilitator Feedback Form: <http://www.pjm.com/committees-and-groups/committees/form-facilitator-feedback.aspx>