

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
March 8, 2017
9:00 a.m. – 2:00 p.m. EPT

Administration

1. Ms. Christina Stotesbury, PJM, and Ms. Chantal Hendrzak, PJM, provided announcements and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. The committee approved the draft minutes from the February 8, 2017 Market Implementation Committee meeting by acclamation with 0 objections and 0 abstentions.
3. Ms. Christina Stotesbury, PJM, reviewed the active MIC issues on [Issue Tracking](#)

Endorsements/Approvals

4. **Annual Revenue Requirements for new Black Start Units – Phase 2**
Mr. Tom Hauske, PJM, reviewed an amended problem statement and issue charge to address Minimum Tank Suction Level (MTSL) costs as part of a Phase 2 discussion for the Annual Revenue Requirements for new Black Start units. **The committee approved the amended problem statement and issue charge by acclamation with 11 objections and 1 abstention.**

Working Issues

5. **Annual Revenue Requirements for new Black Start Units**
 - A. Mr. Tom Hauske, PJM, continued the discussion on Annual Revenue Requirements for new Black Start units as part of Phase 1 and presented the solution packages for consideration. The committee agreed to consider this discussion a first read of packages, and will be asked to endorse a package at the April MIC meeting.
 - B. Dr. Joe Bowring, Monitoring Analytics, was available for questions related to the Minimum Tank Suction Level costs as part of the Phase 2 discussion on this topic.
[Issue tracking: Annual Revenue Requirements for new Black Start Units](#)
6. **Spot-in Transmission Service for Energy Imports from NYISO**
Mr. Chris Pacella, PJM, reviewed the package proposals previously presented. Mr. Joe Wadsworth, Vitol, removed package A given the inability to sufficiently quantify the impact to stakeholders. It was suggested by Vitol, PJM, and the IMM that a broader discussion about seams issues may be appropriate. The committee agreed to consider this discussion a first read of Package B, and will be asked to endorse this package at the April MIC meeting.
[Issue Tracking: Spot-in Transmission Service for Energy Imports from NYISO](#)

Additional Updates

7. Fuel Cost Policy FAQ's and Transition Process

- A. Mr. Jeff Schmitt, PJM, provided an update on the new approval process for Fuel Cost Policies, and the communication and transition period to have all policies approved by May 15.
- B. Dr. Catherine Tyler Mooney, Monitoring Analytics, reviewed proposed edits to Manual 15 as part of the Fuel Cost Policy discussion.

8. NOPR: Uplift Cost Allocation & Transparency

Ms. Rebecca Stadelmeyer, PJM, provided an update on the FERC Notice of Proposed Rulemaking addressing Uplift Cost Allocation and Transparency.

9. NOPR: Fast Start Resources

Ms. Lisa Morelli, PJM, provided an update on PJM's response to the FERC Notice of Proposed Rulemaking addressing pricing for Fast Start Resources.

10. Yorktown Pricing Interface

Mr. Chris Callaghan, PJM, provided an update on the new [Yorktown Pricing Interface](#) that becomes effective on April 1, 2017.

11. SPS Removal

Mr. Paul Santarelli, PPL, provided an update on the removal of the Jenkins Special Protection Scheme.

12. FTR Auction Results

Mr. Asanga Perera, PJM, provided an update on the reasons for the delay posting results for the March 2017 FTR Auction. Mr. Perera will provide more detail in a future MIC meeting.

13. FTR Forfeiture Update

Mr. Asanga Perera, PJM, provided an update on the FERC Order, [Docket No. EL14-37-00](#) to adopt a portfolio approach that evaluates the net effect of a participant's entire virtual portfolio (including INCs, DEC's and UTCs) to more accurately account for, and calculate FTR forfeitures.

14. FTR/ARR Order

- A. Mr. Brian Chmielewski, PJM, provided an update on the recent FERC Order impacting the annual ARR/FTR process.
- B. Mr. Ray Fernandez, PJM, provided an update on settlement impacts of the FTR Congestion issue.

15. MSS – Pseudo-tied Generators and Dynamic Schedules Meter Correction Proposal

Mr. Ray Fernandez, PJM, provided an update on the Pseudo-tied Generators and Dynamic Schedules Meter Correction proposal that stakeholders agreed to at the February Markets Settlements Subcommittee meeting. Conforming manual language will be presented for a first read at the April MIC.

16. Inter-Regional Coordination

Mr. Tim Horger, PJM, provided an update on Inter-Regional Coordination activity.

Informational Section

Transmission Constraint Control Logic Paper

A paper describing the logic used in PJM's market clearing engines to control transmission constraints and the impact of transmission constraint penalty factors on constraint shadow prices has been posted. This is a follow-up to the [presentation](#) on transmission constraint penalty factors at the October 26, 2016 MIC Special Session. Ms. Lisa Morelli, PJM, was available in-person to answer questions and will provide an update on this paper at the April MIC. It was requested a more detailed review of this paper be conducted at a future MIC meeting.

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](#).

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

April 12, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
May 3, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
June 7, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
July 12, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
August 9, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
September 13, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
October 11, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
November 8, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
December 13, 2017	9:00 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
Britt, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Davis, James	Dominion Energy Marketing, Inc.	Generation Owner
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor

Currier, Jeff	Dominion Virginia Power	Not Applicable
Dasher, Brett	Energy Authority, Inc. (The)	Other Supplier
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dessender, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Dickson, Douglas	New Jersey Board of Public Utilities	Not Applicable
Dillon, Matt	UGI Energy Services, LLC	Other Supplier
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Endress, Eric	PJM Interconnection, LLC	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Farber, John	DE Public Service Commission	Not Applicable
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Fitzgerald, Evan	North Carolina Electric Membership Corporation	Electric Distributor
Franks, Christine	PJM Interconnection, LLC	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gell, Richard	Ontario Power Generation Inc.	Other Supplier
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gorman, Kevin	The Highlands Energy Group, LLC	Other Supplier
Greening, Michele	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Griffiths, Dan	Pennsylvania Office of Consumer Advocate	End Use Customer
Hagaman, Derek	GT Energy	Not Applicable
Halay, Alina	The Federal Energy Regulatory Commission	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Michael	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings, David	Dhast Co	Not Applicable
Haynes, Greg	Energy Authority, Inc. (The)	Other Supplier
Heise, Randi	Dominion Virginia Power	Not Applicable
Hepplewhite, Peter	DC Energy East, LLC	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hyzinski, Tom	Talen Energy Marketing, LLC	Generation Owner
Jablonski, James	Borough of Butler, Butler Electric Division	Electric Distributor
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jardot, Gina	Essential Power, LLC	Generation Owner
Jett, William	Duke Energy Business Services LLC	Generation Owner
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Kalita, Hemajit	Denver Energy, LLC	Other Supplier
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kingston, Amber	Aces Power Marketing	Not Applicable
Kliner, Alicia	The Federal Energy Regulatory Commission	Not Applicable
Knies, Heather	EDF Trading North America, LLC	Other Supplier
Kormos, Mike	Exelon Generation Co., LLC	Generation Owner
Kuhn, Tyler	DC Energy, LLC	Other Supplier
Langbein, Peter	PJM Interconnection, LLC	Not Applicable
Lange, Nathan	VECO Power Trading, LLC	Other Supplier
Leasure, Jill	Keystone Projects	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Lin, Jeremy	PJM Interconnection, LLC	Not Applicable
Logan, Sharon	The Federal Energy Regulatory Commission	Not Applicable
Lowe, Connie	Virginia Electric & Power Company	Transmission Owner
Manion, Evelyn	PJM Interconnection, LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer

Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
Matzen, Jeff	Dominion Energy Marketing, Inc.	Generation Owner
McAdams, Julius	Red Wolf Energy Trading, LLC	Other Supplier
Metzler, Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Miller, John	Commonwealth Edison Company	Transmission Owner
Mok, Alan	Duke Energy Business Services LLC	Transmission Owner
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Olenick, Cory	West Oaks Energy, LP	Other Supplier
Olinger, Robert	Keystone Projects	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Phillips, Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price, Ruth	Delaware Public Service Commission	Not Applicable
Rajan, Abhijit	Dominion Resources	Not Applicable
Rajan, Abhijit	Virginia Electric & Power Company	Transmission Owner
Ramsey, James	Suffolk Fund LLC	Other Supplier
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Reeping, Bob	Ohio Edison Company	Transmission Owner
Renda, Michael	VECO Power Trading, LLC	Other Supplier
Riehl, John	The Federal Energy Regulatory Commission	Not Applicable
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Ruck, Andrew	PSEG Energy Resources and Trade, LLC	Other Supplier
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Santarelli, Paul	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Schneider, Jon	FirstEnergy Solutions Corp.	Transmission Owner
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sock, Bryan	Public Service Electric & Gas Company	Transmission Owner
Stern, Alex	Public Service Electric & Gas Company	Transmission Owner
Sundar, Shivram	Denver Energy, LLC	Other Supplier
Tangirala, Subha	ABB	Not Applicable
Thompson, Matthew	XO Energy MA, L.P.	Other Supplier
Thomson, Heather	Mid-Atlantic Renewable Energy	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Watson, Mark	S P Global	Not Applicable
Weiss, Glenn	PJM Interconnection, LLC	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams, Amber	New York State Electric & Gas Corporation	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Yu, Joel	Rockland Electric Company	Transmission Owner

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