

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
October 11, 2017
9:00 a.m. – 3:45 p.m. EPT

Administration

1. Welcome, announcements and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines – Ms. Christina Stotesbury and Ms. Chantal Hendrzak
2. The committee approved the draft minutes from the September 13, 2017 Market Implementation Committee meeting by acclamation with 0 objections and 0 abstentions.
3. The active MIC issues on [Issue Tracking](#) were reviewed, and the prioritization and timeline to resolve the growing number of issues was addressed. Stakeholders who wish to provide feedback on the prioritization of MIC issues should contact [Chantal Hendrzak](#) or [Christina Stotesbury](#).

Mr. Jeff Schmitt, PJM, provided an update on the Fuel Cost Policy Annual Review and Variable Operations & Maintenance review. Updated policies are required to be approved no later than November 1, 2017. Please contact FuelCostPolicyAnalysis@pjm.com to address Fuel Cost Policy concerns.

Ms. Jennifer Tribulski, PJM, provided an update on the proposed Virtual Transaction filing.

Endorsements/Approvals

4. **Revisions to Manual 11 for Intraday Offers**
Ms. Lisa Morelli, PJM, presented revisions to Manual 11 and the Tariff to amend the offer capping logic. **The committee endorsed the Manual 11 and Tariff revisions by acclamation with 0 objections and 0 abstentions.**
5. **Revisions to Manual 11 for Energy Offer Verification**
 - A. Mr. Rami Dirani, PJM, presented revisions to Manual 11 associated with the offer verification process for the implementation of Order 831: Energy Offer Verification.
 - B. Dr. Catherine Tyler, Monitoring Analytics, presented concerns related to the offer verification process. **The committee endorsed the Manual 11 revisions by acclamation with 1 objection and 21 abstentions.**
6. **Proposed Credit Requirements for Regulation**
Mr. Hal Loomis, PJM, presented Tariff revisions for a proposed change in credit requirements for regulation resources. **The committee endorsed the Tariff revisions by acclamation with 0 objections and 0 abstentions.**
7. **Winter DR Load Calculation – Problem Statement and Issue Charge**
Mr. Chuck Dugan, EKPC, presented a problem statement and issue charge related to the DR CP Winter Load calculation. **The committee approved the problem statement and issue charge by acclamation with 0 objections and 0 abstentions.**

8. Long Term FTR Market – Problem Statement and Issue Charge

Dr. Joe Bowring, Monitoring Analytics, reviewed a problem statement and issue charge related to the Long Term FTR Market. **The committee approved the problem statement and issue charge with 108 (64%) in favor, 60 opposed (36%), and 53 abstentions.**

Education on this issue will be postponed until January 2018.

First Readings

9. Proposed FTR Credit Requirements for Transmission Upgrades

A. Mr. Hal Loomis, PJM, presented a first read of a proposed change in FTR credit requirements to reduce exposure posed by congestion reductions resulting from major transmission upgrades. The committee will be asked to endorse the proposal at the November MIC meeting.

B. Mr. Bruce Bleiweis, DC Energy, provided an update on the proposed FTR Credit requirements.

10. Proposed Price Responsive Demand

Mr. Pete Langbein, PJM, and Ms. Terri Esterly, PJM, presented a first read of a three proposals that came from the Demand Response Subcommittee to address Price Responsive Demand. The committee will be asked to endorse a proposal at the November MIC meeting.

11. Manual 11, 18, 27, 28, and 29 Revisions for 5-minute Settlements

Ms. Terri Esterly, PJM, and Mr. Ray Fernandez, PJM, presented a first read of revisions to Manuals 11, 18, 27, 28, and 29 associated with the implementation of 5-Minute Settlements. The committee will be asked to endorse the manual revisions at the November MIC meeting.

Working Issues

12. Market Path/Interface Pricing Point Alignment

Mr. John Dadourian, Monitoring Analytics, reviewed the Market Path/Interface Pricing Point Alignment issue and continued education and discussion on the breaking of paths.

13. Transmission Penalty Factors

Mr. Devendra Canchi, Monitoring Analytics, reviewed the Transmission Penalty Factors issue approved at the August 9 MIC, and provided education.

Additional Updates

14. Offer Cap Balancing Ratio

Mr. Jeff Bastian, PJM, reviewed the proposal to address an offer cap balancing ratio issue identified for the next BRA.

15. Interregional Coordination Activity

Mr. Tim Horger, PJM, provided an update on Interregional Coordination efforts.

16. Ohio Valley Electric Corporation (OVEC) Integration

Mr. Scott Cunningham, OVEC, provided an update on the OVEC integration proposal.

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](#).

Intermittent Resources Subcommittee (IRS)

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

Manual 03 Revisions – Transmission Operations

Mr. Yuri Smolanitsky, PJM, was available to answer questions related to Manual 03, version 52 revisions. Materials were posted as informational only.

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

November 8, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
December 13, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
January 10, 2018	9:00 a.m.	PJM Interconnection – Conference & Training Center
February 7, 2018	9:00 a.m.	PJM Interconnection – Conference & Training Center
March 7, 2018	9:00 a.m.	PJM Interconnection – Conference & Training Center
April 4, 2018	9:00 a.m.	PJM Interconnection – Conference & Training Center
May 2, 2018	9:00 a.m.	PJM Interconnection – Conference & Training Center
June 6, 2018	9:00 a.m.	PJM Interconnection – Conference & Training Center

In-person Meeting Attendees

Hendrzak, Chantal (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joseph	Monitoring Analytics	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Canchi, Devendra	Monitoring Analytics, LLC	Not Applicable

Canter, Dave	AEP	Transmission Owner
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Dantonio, Phil	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess, James	PBF Power Marketing LLC	Generation Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Handlin, Michael	PJM Interconnection, LLC	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Lowe, Connie	Dominion Virginia Power	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Manion, Evelyn	PJM Interconnection, LLC	Not Applicable
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
O'Hara, Chris	PJM Interconnection, LLC	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Pilong, Melissa	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Romero-Luna, Joel	Monitoring Analytics	Not Applicable

Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Schmitt, Jeffrey	PJM Interconnection, LLC	Not Applicable
Sweeney, Rory	RTO Insider	Not Applicable
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Tyler, Catherine	Monitoring Analytics	Not Applicable
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

WebEx Attendees

Anderson, Jared	S&P Global	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Britt, Debbie	Dominion Virginia Power	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Cawley, Troy	PJM Interconnection, LLC	Not Applicable
Celestine, Kizi	Appalachian Power Company	Transmission Owner
Cerchio, Gerard	Monitoring Analytics, LLC	Not Applicable
Chintapalli, Raj	Galt Power Inc.	Other Supplier
Chisling, Brian	Simpson Thacher & Bartlett, L.P.	Not Applicable
Cox, Phil	Appalachian Power Company	Transmission Owner
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Creem, Elliot	Comverge	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Development Company	Transmission Owner
Cummings, Bridgid	PJM Interconnection, LLC	Not Applicable
Cunningham, Scott	Ohio Valley Electric Corp	Generation Owner
D'Antonio, Phil	PJM Interconnection, LLC	Not Applicable
Del Viscio, Mike	PJM Interconnection, LLC	Not Applicable
DeLosa, Joe	DE Public Service Commission	Not Applicable
DePillo, Ray	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matt	UGI Development Company	Generation Owner
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable

Doolittle, Robin	Royal Bank of Canada	Other Supplier
Drom, Rick	Eckert Seamans	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Farber, John	DE Public Service Commission	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario, Gabby	PJM Interconnection, LLC	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Giraldo, Juan	Monitoring Analytics, LLC	Not Applicable
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Haas, Howard	Monitoring Analytics	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Mike	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Henry, Michelle	American Transmission Systems, Inc.	Transmission Owner
Hepplewhite, Peter	DC Energy East, LLC	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Horning, Lynn Marie	LMH Energy	Not Applicable
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt, John	Monitoring Analytics	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Josyula, Siva	Monitoring Analytics	Not Applicable
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Karnik, Rashmi	Other	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kingston, Amber	North Carolina Electric Membership Corp.	Electric Distributor
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
Knies, Heather	EDF Trading North America, LLC	Other Supplier
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Leopold, Chris	Appalachian Power Company	Transmission Owner
Libbos, Robin	Allegheny Electric Supply Company, L.L.C.	Transmission Owner
Lin, Michael	DC Energy	Other Supplier
Lind, Clarke	Powerex Corporation	Other Supplier
Lokhandwalla, Faizmin	Dynegy	Generation Owner
Mae Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable

Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
Marzewski, Skyler	Monitoring Analytics	Not Applicable
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McKee, Stephen	Appalachian Power Company	Transmission Owner
McLaughlin, Jeffrey	PJM Interconnection, LLC	Not Applicable
Mehta, Chirag	Durable Power	Not Applicable
Metzler, Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Miller, John	Commonwealth Edison Company	Transmission Owner
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Ondayko, Brock	Appalachian Power Company	Transmission Owner
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Patten, Kevin	Appalachian Power Company	Transmission Owner
Peebles, Andy	Shell Energy North America (US), LP	Other Supplier
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Philips, Marji	Direct Energy Business, LLC	Other Supplier
Piovesan, Lori	Powerex Corporation	Other Supplier
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price, Ruth	Division of the Public Advocate, State of DE	End User Customer
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Raghavan, Vijay	Talen Energy Marketing, LLC	Generation Owner
Rajan, Abhijit	Dominion Resources	Not Applicable
Ramsey, James	Suffolk Fund LLC	Other Supplier
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Reams, Will	Allegheny Electric Cooperative, Inc.	Electric Distributor
Riehl, John	The Federal Energy Regulatory Commission	Not Applicable
Riopko, Eric	Exelon Generation Co., LLC	Generation Owner
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rothey, Kristin	American Municipal Power, Inc.	Electric Distributor
Ruck, Andrew	PSEG Energy Resources and Trade, LLC	Other Supplier
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Rutledge, Craig	Appalachian Power Company	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schneider, Jon	FirstEnergy Solutions Corp.	Transmission Owner
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Schweizer, David	PJM Interconnection, LLC	Not Applicable
Seiler, Ken	PJM Interconnection, LLC	Not Applicable
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Sitarchyk, Mike	PJM Interconnection, LLC	Not Applicable



Draft Minutes

Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Souder, Rich	PJM Interconnection, LLC	Not Applicable
Stone, Andy	PJM Interconnection, LLC	Not Applicable
Swez, John	Duke Energy Kentucky, Inc.	Transmission Owner
Tangirala, Subha	ABB	Not Applicable
Thompson, Matthew	XO Energy MA, LP	Other Supplier
Thomson, Heather	Mid-Atlantic Renewable Energy	Not Applicable
Tibbetts, Maeve	Pierce Atwood	Not Applicable
Villeneuve, Alexandre	MAG Energy Solutions, Inc.	Other Supplier
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wellenius, Kevin	FTI Consulting	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilkie, Brian	Consolidated Edison Solutions, Inc	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Wunderlich, David	Royal Bank of Canada	Other Supplier
Xu, Xu	PJM Interconnection, LLC	Not Applicable
Yang, Dan	Parma Energy LLC	Other Supplier

Author: Christina Stotesbury

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.