

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
January 10, 2018
9:00 a.m. – 2:25 p.m. EPT

Administration

1. Ms. Christina Stotesbury, PJM, provided announcements, reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation Guidelines, and the new Participant Identification requirement in WebEx. Ms. Stotesbury also provided a brief update on the MIC issues on [Issue Tracking](#).
2. The committee approved the draft minutes from the December 13, 2017 Market Implementation Committee meeting by acclamation with 0 objections and 0 abstentions.
3. **Administrative Updates:**
 - A. Mr. Tim Horger, PJM, provided an update on the FERC's action to withdrawal its proposal [NOPR RM17-3-000] to amend its regulations to require that each RTO/ISO incorporate market rules to meet certain requirements when pricing fast-start resources.
 - B. Mr. Horger also provided an update on the recent notification and recall of Day-Ahead Market LMP re-posting.

Endorsements/Approvals

4. **FTR Nodal Remapping - Problem Statement & Issue Charge**
Mr. Brian Chmielewski, PJM, reviewed a problem statement and issue charge to address FTR nodal remapping. **The committee approved the problem statement and issue charge by acclamation with 0 objections and 0 abstentions.**
5. **RERRA Review of Energy Efficiency Participation**
Mr. Pete Langbein, PJM, reviewed the Demand Response Subcommittee proposal for the RERRA review of Energy Efficiency resource participation in the Capacity Market. **The committee endorsed the proposal and governing document language by acclamation with 0 objections and 3 abstentions.**

First Readings

6. **Revisions to Manual 11: Energy & Ancillary Services Market Operations**
Mr. Rami Dirani, PJM, presented a first read of conforming revisions to Manual 11: Energy & Ancillary Services Market Operations to clarify the Energy Offer Verification process. The committee will be asked to endorse the Manual 11 revisions at the February meeting.
7. **Revisions to Manual 12: Balancing Operations**
Ms. Nicole Militello, PJM, presented a first read of revisions to Manual 12: Balancing Operations. The committee will be asked to endorse the Manual 12 revisions at the February meeting.

8. **Tariff Revisions to address Overlapping Congestion**

Ms. Nicole Militello, PJM, presented a first read of revisions to the PJM Tariff to address overlapping congestion. The committee will be asked to endorse the Tariff revisions at the February meeting.

9. **Market Path/Interface Pricing Point Alignment**

Mr. Tim Horger, PJM, presented a first read of updated proposals to address the Market Path/Interface Pricing Point Alignment issue. The committee will be asked to endorse a proposal at the February MIC meeting.

Working Issues

10. **Long Term FTR Issue Education**

Mr. Brian Chmielewski, PJM, and Mr. Seth Hayik, Monitoring Analytics, presented education on the Long Term FTR problem statement and issue charge that was approved at the October 11, 2017 MIC meeting.

Additional Updates

11. **Cold Weather Operations**

During the administrative updates, Mr. Joe Ciabattoni, PJM, provided a summary of operations during the extreme cold weather recently experienced in the PJM region.

12. **Operationalizing Gas Pipeline Contingencies**

Mr. Rich Brown, PJM, reviewed a draft problem statement and issue charge to address costs associated with the operationalizing gas pipeline contingencies initiative. Stakeholders were given an opportunity to provide feedback before the problem statement and issue charge are presented for a first read, and possible endorsement, at the January 25 MRC meeting.

13. **Interregional Coordination Update**

Mr. Tim Horger, PJM, provided an update on interregional coordination activities.

14. **RTO Wide Black Start RFP Update**

Mr. Vincent Stefanowicz, PJM, provided an update on the Black Start RFP process that impacts operational requirements and compensation for new black start generators.

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](#).

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](#).

Revisions to Manual 02: Transmission Service Request

Manual 02: Transmission Service Request revisions were posted as informational-only. Mr. Jeff McLaughlin, PJM, was available at the MIC to answer questions. These revisions were presented at the Planning Committee for endorsement on January 11, 2018.

Future Meeting Dates

February 7, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
March 7, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
April 4, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 2, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 6, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
July 11, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
August 8, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
September 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 10, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 7, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx

In-Person Attendees

Hendrzak, Chantal (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bryson, Michael	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor



Draft Minutes

Fuess, James	PBF Power Marketing LLC	Generation Owner
Giacomini, Anthony	PJM Interconnection, LLC	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski, Tom	GT Power Group	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kelly, Steve	Brookfield Energy Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
King, Kendra	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Langbein, Peter	PJM Interconnection, LLC	Not Applicable
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Lu, Chen	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Militello, Nicole	PJM Interconnection, LLC	Not Applicable
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Nix, Emma	PJM Interconnection, LLC	Not Applicable
Noonan, Casey	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	Public Service Electric & Gas Company	Transmission Owner
Pilong, Melissa	PJM Interconnection, LLC	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
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
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Whitehead, Jeffrey	GT Power Group	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

WebEx Attendees

Achaab, Edward	AEP Energy Partners, Inc.	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anderson, Jared	SPGlobal	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner

Bazar, Kevin	PJM Interconnection, LLC	Not Applicable
Bennett, Stephen	PJM Interconnection, LLC	Not Applicable
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Bonanni, John	NRG Power Marketing LLC	Generation Owner
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Britt, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Callaghan, Chris	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Carmean, Gregory	OPSI	Not Applicable
Cerchio, Gerard	Monitoring Analytics, LLC	Not Applicable
Chen, Jennifer	Natural Resources Defense Council	Not Applicable
Chintapalli, Raj	Galt Power Inc.	Other Supplier
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Development Company	Transmission Owner
Dalessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Dasher, Brett	Energy Authority, Inc. (The)	Other Supplier
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Davis, James	Dominion Energy Marketing, Inc.	Generation Owner
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dolan, James	PJM Interconnection, LLC	Not Applicable
Dolan, Ryan	AEP Energy Partners, Inc.	Other Supplier
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Dotter, Ray	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Drom, Richard	Eckert Seamans	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fox, Angela	Wylan Energy, L.L.C.	Not Applicable
Fuhr, Gretchen	Commerce Energy, Inc.	Other Supplier
Gahimer, Mike	IN Office of Utility Consumer Counselor	End User Customer
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable

Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
Gerber, Rebecca	PJM Interconnection, LLC	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
Greening, Michele	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Guntle, Vince	UGI Development Company	Generation Owner
Haas, Howard	Monitoring Analytics, LLC	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Mike	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings, David	Market Interconnection LLC	Not Applicable
Heinle, Frederick	Office of the People's Counsel	End User Customer
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Helms, Joseph	Rainbow Energy Marketing Corporation	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hudson, Wesley	Dominion Virginia Power	Not Applicable
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Jett, William	Duke Energy Business Services LLC	Generation Owner
Johnson, Nick	Tenaska Power Services Co.	Generation Owner
Jones, Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Kauffman, Brian	NRG Curtailment Solutions	Other Supplier
Kazerooni, Hamid	Talen Energy Marketing, LLC	Generation Owner
Keeney, Jerry	Dynegy Marketing & Trade, LLC	Generation Owner
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Lee, Lori Murphy	PJM Interconnection, LLC	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Leopold, Chris	Appalachian Power Company	Transmission Owner
Lewis, Cara	Public Service Electric & Gas 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
Lokhandwalla, Faizmin	Dynegy	Generation Owner
Long, Glenn	PJM Interconnection, LLC	Not Applicable
Long, Matt	AEP Energy Partners, Inc.	Other Supplier
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Lowe, Connie	Public Service Electric & Gas Company	Transmission Owner
Mae Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Mancuso, Melanie	FirstEnergy Solutions Corp.	Transmission Owner
Marcino, Angelo	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
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Matheson, Doug	EnerNOC, Inc.	Other Supplier
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
McLaverty, Megan	PJM Interconnection, LLC	Not Applicable
Merola, Becky	Noble Americas Energy Solutions LLC	Other Supplier
Miller, John	Commonwealth Edison Company	Transmission Owner
Nawaz, Zainab	NJ Board of Public Utilities	Not Applicable
Nguyen, Doris	Dynegy Marketing and Trade, LLC	Generation Owner
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
OHara, Christopher	PJM Interconnection, LLC	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Olenick, Cory	West Oaks Energy, LP	Other Supplier
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Pacella, Chris	PJM Interconnection, LLC	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Patel, Anita	PJM Interconnection, LLC	Not Applicable
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Picardi, Matthew	Shell Energy North America (US), LP	Other Supplier
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Poulos, Greg	CAPS	Not Applicable
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Pratzon, David	GT Power Group	Not Applicable
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier

Rajan, Abhijit	Dominion Resources	Not Applicable
Ramsey, James	Suffolk Fund LLC	Other Supplier
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Reams, William	Allegheny Electric Cooperative, Inc.	Electric Distributor
Reeping, Bob	Ohio Edison Company	Transmission Owner
Ritchie, Sandra	PJM Interconnection, LLC	Not Applicable
Robinson, Maria	Advanced Energy Economy, Inc.	Not Applicable
Robson, Matt	SESCO Enterprises LLC	Other Supplier
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
Rushing, Joseph	PJM Interconnection, LLC	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Schneider, Jon	FirstEnergy Solutions Corp.	Transmission Owner
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Scott, Hugh	Baltimore Gas and Electric Company	Transmission Owner
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Skucas, Ruta	Pierce Atwood	Not Applicable
Snyder, Sue	PJM Interconnection, LLC	Not Applicable
Sock, Bryan	PSEG Energy Resources and Trade, LLC	Transmission Owner
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Stefanowicz, Vincent	PJM Interconnection, LLC	Not Applicable
Stern, Alexander	Public Service Electric & Gas Company	Transmission Owner
Stewart, Travis	Gable and Associates	Not Applicable
Stone, Andy	PJM Interconnection, LLC	Not Applicable
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Tatum, Edward	American Municipal Power	Electric Distributor
Tibbetts, Maeve	Pierce Atwood	Not Applicable
Tigue, John	New York State Electric & Gas Corporation	Other Supplier
Tsao, Stephanie	SPGlobal	Not Applicable
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Velasco, Cheryl Mae	PJM Interconnection, LLC	Not Applicable
Villeneuve, Alexandre	MAG Energy Solutions, Inc.	Other Supplier
Vitiello, Jacqueline	Dominion Energy Marketing, Inc.	Generation Owner
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Webster, John	Icetek.com, Inc.	Other Supplier



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Wei, Jane	Monitoring Analytics, LLC	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilkie, Brian	Consolidated Edison Solutions, Inc.	Other Supplier
Williams, Amber	New York State Electric & Gas Corporation	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Wilson, James	Wilson Energy Economics	Not Applicable
Wolfe, Alice	Blue Ridge Power Agency, Inc.	Electric Distributor
Wood, Gordon	ETC Endure Energy L.L.C.	Other Supplier

Author: Christina Stotesbury

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