

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
February 10, 2016
9:30 a.m. – 3:50 p.m. EPT

Administration

1. Ms. Adrien Ford, PJM, and Ms. Christina Stotesbury, PJM provided administrative announcements and reviewed the Antitrust, Code of Conduct, Media Participation Guidelines.
2. Minutes from the January 6, 2016 Market Implementation Committee meeting were approved with 0 objections and 0 abstentions.
3. Ms. Christina Stotesbury, PJM, reviewed the active MIC issues on [Issue Tracking](#)

Endorsements/Approvals

4. **Manual 33 – Market Data Confidentiality Clarifications**
Mr. Tom Zadlo, PJM, reviewed updated language to confidential market data postings in Manual 33. **The committee endorsed this language with 16 objections and 0 abstentions.**
[Issue Tracking: Market Data Confidentiality Clarifications](#)

First Readings

5. **Manual 6 – Financial Transmission Rights**
Mr. Brian Chmielewski, PJM, provided an update on Manual 6 – Financial Transmission Rights. The committee will be asked to endorse this language at the March meeting.
6. **Manual 11 – Energy & Ancillary Services – Changes for Capacity Performance**
Mr. Tong Zhao, PJM, provided an update on Manual 11 – Energy & Ancillary Services due to the implementation of Capacity Performance. The committee will be asked to endorse this language at the March meeting.
7. **Manual 11 – Energy & Ancillary Services – Changes for Day-Ahead Market Timeline**
Mr. Keyur Patel, PJM, provided an update on Manual 11 – Energy & Ancillary Services due to Day-Ahead Market timeline changes. The committee will be asked to endorse this language at the March meeting.
8. **Regional Transmission and Energy Scheduling Modifications**
Mr. Chris Pacella, PJM, presented modifications to the Regional Transmission and Energy Scheduling practices that affect the PJM Day-Ahead Market and Reliability Unit Commitment timeline. The committee will be asked to endorse this language at the March meeting.
9. **Manual 12 – Balancing Operations – Business Rules for Dynamic Transfer Changes**
Mr. Sree Yeddanapudi, PJM, reviewed proposed changes to Manual 12 – Balancing Operations due to PJM Business Rules for Dynamic Transfers. This item was presented for informational purposes only.

10. FTR Ownership Disclosure

Mr. Bruce Bleiweis, DC Energy, reviewed the FTR Ownership Disclosure Package A. Mr. Tim Horger, PJM, reviewed Package B. The committee will be asked to endorse a package at the March meeting.

[Issue Tracking: FTR Ownership Disclosure](#)

11. Operating Parameter Definitions

Mr. Tom Hauske, PJM, provided follow-up education and presented updated Operating Parameter definitions in Manuals 11, 15 and 28. The committee will be asked to endorse this language at the March meeting. An additional Special Session of the MIC to discuss Operating Parameter Definitions will be held on February 24 from 9:00 a.m. – 12:00 p.m.

[Issue Tracking: Operating Parameter Definitions](#)

Informational Updates

12. Calculation of Incremental Auction Revenue Rights for RTEP Upgrades

Mr. Tim Horger, PJM, provided an update on the calculation of incremental auction revenue rights for Regional Transmission Expansion Plan (RTEP) upgrades.

13. Enhanced Security Update

Mr. Gautam Punjabi, PJM, provided an update on the Enhanced Security Tool.

14. Markets Gateway Update

Ms. Risa Holland, PJM, will provide an update on Markets Gateway.

15. Net Energy Metering

Mr. Ken Schuyler, PJM, will provide an update on the quarterly Net Energy Metering Report.

16. 2016 Biennial Review

Mr. Joe Rushing, PJM, as required by the MISO-PJM Joint Operating Agreement will provide a Market-to-Market update on the 2016 Biennial Review.

17. Inter-Regional Coordination Activity

Mr. Stan Williams, PJM, will provide an update on inter-regional coordination efforts.

Working Issues

18. Parameter Limited Schedule Exception Process

A. Mr. Tong Zhao, PJM, provided additional education regarding the Parameter Limited Schedule exception process for the Issue Charge approved by the committee in December 2015.

B. Mr. Bob O'Connell, Main Line Electricity Market Consultants, LLC, reviewed a presentation for discussion on the Parameter Limited Schedule exception process.

[Issue Tracking: Parameter Limited Schedule Exception Process](#)

Informational Section

eFTR/FTR Center

Ms. Risa Holland, PJM, was available during the meeting to answer questions on eFTR/FTR Center.

PJM-NYISO Coordinated Transaction Scheduling

Ms. Rebecca Carroll, PJM, was available during the meeting to answer questions on CTS data with NYISO.

Report on Market Operations

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

Unit Parameters/Values at Stakeholder Venues

Ms. Rebecca Stadelmeyer, PJM, was available during the meeting to answer questions on Unit Parameters/Values at PJM Stakeholder venues.

MIC Working Session Updates

Energy Scheduling

Energy Scheduling was put on hold to allow for further discussion at Joint and Common Market (JCM) meetings. Interface pricing became more narrowly focused and a document was issued to provide clarification around this issue. The other outstanding issue is related to the IMO Pricing Point, which PJM is working with Monitoring Analytics to define. Additional clarification will be provided when available.

[Issue Tracking: Energy Scheduling](#)

FTR Forfeiture

The last MIC working session was held on February 18, 2014. PJM submitted comments to the FERC related to Docket No. EL14-37-000 in June 2015, and is awaiting a FERC Order. Meeting materials are posted to the [MIC web site](#).

[Issue Tracking: FTR Forfeiture](#)

Up-To Congestion Transactions

A MIC working session was held on June 10, 2014. This issue has been put on hold to allow greater concentration on the remaining issues in the stakeholder process which have more pressing completion date requirements. When available, materials will be posted to the [MIC web site](#).

[Issue Tracking: Up To Congestion Transactions – Financial and Node Limitation](#)

Subcommittee and Task Force Updates

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](#).

Future Meeting Dates

March 9, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
April 6, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
June 8, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
July 13, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
August 10, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
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

Ford, Adrien (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Allen, Sean	Merrill Lynch Commodities, Inc.	Other Supplier
Benчек, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Crystle, Gil	UGI Development Company	Transmission Owner
Esposito, Pati	TransCanada Power Marketing Ltd.	Other Supplier
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission 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
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing, LP	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Mabry, David	Carroll County Energy LLC	Other Supplier
Midgley, Sharon	Exelon Generation Co., LLC	Generation Owner
O'Connell, Robert	Main Line Electricity Market Consultants	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Pratzon, David	Buckeye Power, Inc.	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Singh, Harry	J. Aron & Company	Other Supplier
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	Other Supplier
Yu, Joel	Rockland Electric Company	Transmission Owner

Also in Attendance

Anders, David	PJM Interconnection, LLC	Not Applicable
Antonelli, Diane	PJM Interconnection, LLC	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	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
Fuess, James	White Pine Energy Consulting	Not Applicable
Hagaman, Derek	GT Power Group	Not Applicable
Hastings, David	DHAST Co.	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Herel, Suzanne	RTO Insider	Not Applicable
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Jani, Alpa	PJM Interconnection, LLC	Not Applicable
Josyula, Siva	Monitoring Analytics LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Lukowski, Kenneth	Powercosts, Inc.	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Rohrbach, John	Aces Power Marketing	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Shparber, Steve	PJM Interconnection, LLC	Not Applicable
Souder, Dave	PJM Interconnection, LLC	Not Applicable
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Stewart, Travis	Gable and Associates	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Yeddanapudi, Sree	PJM Interconnection, LLC	Not Applicable

In Attendance via Web Ex / Teleconference

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Antonelli, Diane	PJM Interconnection, LLC	Not Applicable
Baker, Liam	USPower Gen	Not Applicable
Bernier, Luc	H.Q. Energy Services (U.S.), Inc.	Not Applicable

Birnel, William	Westar Energy, Inc.	Other Supplier
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Borgatti, Mike	Gabel and Associates	Not Applicable
Borradaile, Mike	PJM Interconnection, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bruno, Pat	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Caven, Augustine	PJM Interconnection, LLC	Not Applicable
Chocarro, Iker	E.ON Climate & Renewables North America Inc.	Generation Owner
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Conn, Jennifer	PJM Interconnection, LLC	Not Applicable
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
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
DePillo, Raymond	Public Service Electric & Gas Company	Transmission Owner
Dessenger, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ellen Driscoll, Mary	PJM Interconnection, LLC	Not Applicable
Esposito-Hils, Pati	TransCanada Power Marketing Ltd.	Other Supplier
Farber, John	DE Public Service Commission	Not Applicable
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Ford, Adrien	PJM Interconnection, LLC	Not Applicable
Fort, Jim	The Energy Authority	Other Supplier
Frost, Jodi	Moxie Liberty LLC	Other Supplier
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gell, Richard	Ontario Power Generation Inc.	Other Supplier
Geraci, Rebecca	Yes Energy LLC	Not Applicable
Godson, Gloria	Potomac Electric Power Company	Electric Distributor
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Gouda, John	Old Dominion Electric Cooperative	Electric Distributor
Greening, Michele	Talen Energy Marketing, LLC	Generation Owner
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Hagaman, Derek	GT Power Group	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
Hauske, Tom	PJM Interconnection, LLC	Not Applicable
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Haynes, Greg	Energy Authority, Inc. (The)	Other Supplier
Herel, Suzanne	RTO Insider	Not Applicable
Hilaski, Steve	Potomac Electric Power Company	Electric Distributor
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horton, Dana	Appalachian Power Company	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd*	Not Applicable
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Keech, Jason	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kilgallen, Kevin	Emerald Energy	Not Applicable
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Lacy, Catharine	Dominion Virginia Power	Not Applicable
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
Logan, Sharon	Federal Energy Regulatory Commission (The)	Not Applicable
Loudenburg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner
Lowe, Connie	Dominion Virginia Power	Not Applicable
MacGibbon, Doug	PJM Interconnection, LLC	Not Applicable
Mae Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Marsh, Rob	Monolith Energy Trading, LLC	Not Applicable
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
Midgley, Sharon	Exelon Generation Co., LLC	Generation Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Moerner, Lisa	Virginia Electric & Power Company	Transmission Owner
Monroe, Alicia	Federal Energy Regulatory Commission (The)	Not Applicable
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Olinger, Robert	Keystone Projects	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Patel, Munjal	NRG Power Marketing LLC	Generation Owner
Phillips, Amanda	Aces Power Marketing	Not Applicable
Phillips, Darlene	PJM Interconnection, LLC	Not Applicable
Price, Ruth Ann	Division of the Public Advocate of the State of Delaware	End User Customer
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Quintavalla, Ginger	PJM Interconnection, LLC	Not Applicable

Rajan, Abhijit	Dominion Resources	Not Applicable
Reid, Ryan	Buckeye Power, Inc.	Electric Distributor
Reuter, Robert	Potomac Electric Power Company	Electric Distributor
Russo, Michael	Monitoring Analytics, LLC	Not Applicable
Rutigliano, Thomas	Achieving Equilibrium, LLC	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schneider, Jon	FirstEnergy Corporation	Not Applicable
Schum, Alice	Illinois Municipal Electric Agency	Electric Distributor
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Schweizer, David	PJM Interconnection, LLC	Not Applicable
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sillin, John	Federal Energy Regulatory Commission (The)	Not Applicable
Simon, Daniel	Stroock & Stroock & Lavan LLP	Not Applicable
Slade, Louis	Virginia Electric & Power Company	Transmission Owner
Smith, Melissa	PJM Interconnection, LLC	Not Applicable
Snyder, Susan	PJM Interconnection, LLC	Not Applicable
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Suh, Jung	Noble Americas Gas & Power Corp.	Other Supplier
Summers, Ted	Direct Energy Business Marketing, LLC	Other Supplier
Thompson, Matthew	XO Energy MA, L.P.	Other Supplier
Toussaint, Joe	RBC Energy Services, L.P.	Other Supplier
Tribulski, Jen	PJM Interconnection, LLC	Not Applicable
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Ward, Roxanna	EDF Trading North America, LLC	Other Supplier
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Watson, Mark	Platts	Not Applicable
Weathers, Brian	PJM Interconnection, LLC	Not Applicable
Weiss, Glenn	PJM Interconnection, LLC	Not Applicable
Wellborn, Sam	Federal Energy Regulatory Commission (The)	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams, Michael	Black Oak Energy, LLC	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Wisersky, Megan	Madison Gas & Electric Co.	Other Supplier
Wood, Gordon	ETC Endure Energy, LLC	Other Supplier
Wynn, Laura	Stone Matheis Xenopolous & Brew PC	Not Applicable
Zadlo, Thomas	PJM Interconnection, LLC	Not Applicable

Author: Christina Stotesbury