

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
April 6, 2016
9:30 a.m. – 3:30 p.m. EPT

Administration

1. Ms. Adrien Ford, PJM, and Ms. Christina Stotesbury, PJM, provided administrative updates and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. Minutes from the March 9, 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](#).

Mr. Harold Loomis, PJM, provided an update on Officer Certification and reminded members that 2016 forms must be received by PJM no later than April 29, 2016.

Mr. Adam Keech, PJM, provided an update that the implementation of the shortened Day-Ahead Market timeline on March 31, 2016 was successful with no major issues.

Endorsements/Approvals

4. **Demand Response Emergency Energy Settlement Measurement and Verification**
Mr. Pete Langbein, PJM, presented proposed changes to the Demand Response Emergency Energy Settlement Measurement and Verification process. The proposal will change the emergency energy default CBL from the “hour before” methodology to the current default economic CBL (3 day type with symmetric additive adjustment). **The committee endorsed this change by acclamation with 0 objections and 0 abstentions.**
5. **Spot-in Transmission Service Imports from NYISO**
Mr. Joe Wadsworth, Vitol Inc., presented a problem statement and issue charge regarding Spot-in Transmission Service for imports from New York ISO. **The committee endorsed the problem statement and issue charge by acclamation with 0 objections and 7 abstentions.**

First Readings

6. **Manual 11 – Day-Ahead Scheduling Reserve**
Mr. Keyur Patel, PJM, reviewed a problem statement and issue charge for changes to Manual 11 – Energy & Ancillary Services Market Operations for the Day-Ahead Scheduling Reserve (DASR). The committee will be asked to endorse the problem statement and issue charge at the May Market Implementation Committee meeting.

Informational Updates

7. Emergency Procedures Update

Mr. David Hislop, PJM, provided an update to the PJM Emergency Procedures that are changing due to the implementation of Capacity Performance.

8. Real-Time Values

A. Mr. Tong Zhao, PJM, reviewed changes to Manual 11 - Energy & Ancillary Services Market Operations to define Real-Time Values relating to the implementation of Capacity Performance.

B. Mr. Ray Fernandez, PJM, provided an update on the settlements impact for the implementation of Real-Time Values (RTV) parameters.

9. Unit Specific Parameters

Ms. Alpa Jani, PJM, provided an update on the Maximum Run Time parameter implementation discussed at the Operating Committee. Maximum Run Time parameter adjustments should be submitted to unitspecificpls@pjm.com by Wednesday, April 20, 2016.

10. Inter-Regional Coordination Activity

A. Ms. Danielle Croop, PJM, presented Joint Operating Agreement changes for the Michigan Ontario Par.

B. Ms. Danielle Croop, PJM, reviewed a PJM-MISO M2M Settlement Adjustment.

Working Issues

11. Market Settlement Subcommittee – Settlement C

Mr. Ray Fernandez, PJM, provided an update on the Settlement C issue that has been discussed at the Market Settlement Subcommittee. The committee was asked for support to terminate work on the problem statement and issue charge that was endorsed by the MIC on September 9, 2015. **The committee elected to terminate discussion of Settlement C with 54 in favor of continuing the discussion, 98 opposed, and 23 abstentions.**

12. PLS Exception Process

Ms. Jacqui Hugee, PJM, presented a PLS Exception process proposal for consideration. The committee was asked for feedback on the proposal and PJM expects to bring draft tariff language for a first read at the May Market Implementation Committee meeting.

13. Auction Specific Bilateral Transactions

Ms. Jen Tribulski, PJM, presented PJM's proposed solution package on Auction Specific Bilateral Transactions. Redline manual language will be brought for consideration and a first read at the May MIC meeting.

14. Capacity Import Limit (CIL) Exception Modification from the GDECS

Ms. Jen Tribulski, PJM, presented the CIL Exception language from the Governing Documents Enhancements & Clarifications Subcommittee (GDECS). Mr. Luis Fondacci, NCEMC, reviewed a friendly amendment for further stakeholder discussion before seeking endorsement at the next Members Committee

meeting. This topic will be reviewed at the MC Webinar on Monday, April 25, prior to the next MC meeting on Thursday, April 28.

15. Operating Parameter Discussion

Mr. Tom Hauske, PJM, continued the discussion around un-nesting Operating Parameter definitions in Manuals 11, 15 and 28. Stakeholders provided interests for consideration.

[Issue Tracking: Operating Parameter Definitions](#)

Informational Section

Report on Market Operations

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

Inter-regional Coordination Efforts

Mr. Stan Williams, PJM, was available to answer questions on inter-regional coordination efforts.

Markets Gateway

Ms. Risa Holland, PJM, was available during the meeting to answer questions on Markets Gateway.

PJM will retire eMKT at 7:00 a.m. EPT on April 19, 2016. Information entered in eMKT prior to its retirement will be accessible in Markets Gateway. Both Markets Gateway and eMKT will continue to be available for parallel operations through 04/19/2016. Please continue to transition to Markets Gateway and discontinue use of eMKT to ensure PJM's ability to monitor Market Gateway's performance. As of 7AM EPT on 04/19/2016, stakeholders can only use Markets Gateway to enter or view market data information. PJM asks that you continue to send questions to MarketsGatewaySupport@pjm.com.

Transmission Operations Manual 3 Review

Ms. Nicole Scott, PJM, was available to answer questions on updates to Manual 3 - Transmission Operations. Materials were posted as Informational Only.

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

May 11, 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
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benчек, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Transmission Owner
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Esposito, Pati	TransCanada Power Marketing Ltd.	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Fuess, James	PBF Power Marketing LLC	Generation Owner
Greening, Michele	Talen Energy Marketing, LLC	Generation Owner
Guerry, Katie	EnerNOC, Inc.	Other Supplier
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



Draft Minutes

Leonard, Ryan	Iberdola	Generation Owner
Midgley, Sharon	Exelon Generation Co., LLC	Not Applicable
O'Connell, Robert	Main Line Electricity Market Consultants	Transmission Owner
Peoples, John	Duquesne Light Company	End User Customer
Powers, Sean	Linde Energy Services, Inc.	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Generation Owner
Scarpignato, David	Calpine Energy Services, L.P.	Other Supplier
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	

Also in Attendance

Anders, David	PJM Interconnection, LLC	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Borradaile, Michael	PJM Interconnection, LLC	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Brown, Richard	PJM Interconnection, LLC	Not Applicable
Budney, David	PJM Interconnection, LLC	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattini, Joe	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Disciullo, Nicholas	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Flamm, Sean	PJM Interconnection, LLC	Not Applicable
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Hagaman, Derek	GT Power Group	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Herel, Suzanne	RTO Insider	Not Applicable
Hislop, David	PJM Interconnection, LLC	Not Applicable
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Timothy	PJM Interconnection, LLC	Not Applicable
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Jani, Alpa	PJM Interconnection, LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Keech, Jason	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kilgallen, Kevin	Emerald Energy Consulting, LLC	Not Applicable
Langbein, Peter	PJM Interconnection, LLC	Not Applicable
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNeese Wallace & Nurick LLC	Not Applicable
Murphy, JoAnn	PJM Interconnection, LLC	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Pacella, Christopher	PJM Interconnection, LLC	Not Applicable
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scott, Nicole	PJM Interconnection, LLC	Not Applicable



Draft Minutes

Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Souder, Richard	PJM Interconnection, LLC	Not Applicable
Stadlmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Tong, Zhao	PJM Interconnection, LLC	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Weathers, Brian	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

In Attendance via Web Ex / Teleconference

Wong, Bryant	ABB Network Management	Not Applicable
Kingston, Amber	Aces Power Marketing	Not Applicable
Huff, Alex	Aces Power Marketing	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Jones, Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Briscoe, Judy	BP Energy Company	Other Supplier
Reid, Ryan	Buckeye Power, Inc.	Electric Distributor
Semrau, Keith	Cleveland Public Power	Not Applicable
Miller, John	Commonwealth Edison Company	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Dessender, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Farber, John	DE Public Service Commission	Not Applicable
Price, Ruth Ann	Delaware Public Service Commission	Not Applicable
Hastings, David	DHAST Co.	Not Applicable
Erbrick, Michael	DHAST Co.	Not Applicable
James, Louise	Dominion Energy Marketing, Inc.	Generation Owner
Rajan, Abhijit	Dominion Resources	Not Applicable
Feierabend, Rick ES	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Wilmoth ES, Emily	Dominion Virginia Power	Not Applicable
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Jett, William	Duke Energy Business Services LLC	Generation Owner
Mok, Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Riding, M.Q.	Essential Power OPP, LLC	Transmission Owner
Rugh, Chris	EverPower Commercial Services, LLC	Generation Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Teamann, Cynthia	FirstEnergy Solutions Corp.	Transmission Owner
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Helmick, Doug	Gen Ops, LLC	Other Supplier
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Singh, Harry	J. Aron & Company	Other Supplier
Leasure, Jill	Keystone Projects	Not Applicable
Malkin, David	KOREnergy, Ltd.	Other Supplier

Wisersky, Megan	Madison Gas & Electric Co.	Other Supplier
Villeneuve, Alexandre	MAG Energy Solutions, Inc.	Other Supplier
Harmon, Mike	mharmon@ameren.com	199.38.133.55
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Luna, Joel	Monitoring Analytics, LLC	Not Applicable
White, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Fondacci, Luis	North Carolina Electric Membership Corporation	Electric Distributor
Patel, Munjal	NRG Power Marketing LLC	Generation Owner
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Gouda, John	Old Dominion Electric Cooperative	Electric Distributor
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Wong, Raymond	Ontario Power Generation Energy Trading, Inc.	Other Supplier
Gell , Richard	Ontario Power Generation Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Loudenburg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Hugee, Jacqui	PJM Interconnection, LLC	Not Applicable
Burlew, Jim	PJM Interconnection, LLC	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Ellen Driscoll, Mary	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
DiSciullo, Nick	PJM Interconnection, LLC	Not Applicable
Bruno, Pat	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Watson, Mark	Platts	Not Applicable
DeNavas, Joseph	Potomac Electric Power Company	Electric Distributor
Hilaski, Steve	Potomac Electric Power Company	Electric Distributor
Reuter, Robert	Potomac Electric Power Company	Electric Distributor
Lind, Clarke	PowerEx Corporation	Other Supplier
Greiner, Gary	PSEG Energy Resources and Trade, LLC	Other Supplier
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Yu, Joel	Rockland Electric Company	Transmission Owner
Binder, Gerry	SESCO Enterprises LLC	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Wynn, Laura	Stone, Matheis, Xenopoulos & Brew, PC	Not Applicable
Xenopoulos, Damon	Stone, Matheis, Xenopoulos & Brew, PC	Not Applicable
Simon, Daniel	Strook, Strook & Lavan, LLP	Not Applicable
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Johnson, Nick	Tenaska Power Services Co.	Generation Owner
Phillips, Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Bearden, Joel	XO Energy MA, L.P.	Other Supplier