

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
March 9, 2016
9:30 a.m. – 3:00 p.m. EPT

Administration

1. Ms. Adrien Ford, PJM, and Ms. Christina Stotesbury, PJM, provided administrative announcements and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. Minutes from the February 10, 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. Ray Fernandez, PJM, provided an update that the Real-Time Value (RTV) discussion that has previously occurred within the Operating Committee will likely be addressed at the Market Implementation Committee during future meetings.

Endorsements/Approvals

10. Auction Specific Bilateral Transactions

Ms. Jen Tribulski, PJM, presented a Problem Statement and Issue Charge regarding Auction Specific Bilateral Transactions.

The committee approved the Problem Statement and amended Issue Charge on its First Read with 1 objection and 1 abstention.

Ms. Tribulski provided additional background and key elements on this topic noting this Problem Statement seeks to provide clarity.

4. Manual 6 – Financial Transmission Rights

Mr. Brian Chmielewski, PJM, reviewed changes to Manual 6 – Financial Transmission Rights.

The committee endorsed this manual language with 0 objections and 0 abstentions.

5. Manual 11 – Energy & Ancillary Services – Changes for Capacity Performance

Mr. Tong Zhao, PJM, reviewed changes to Manual 11 – Energy & Ancillary Services due to the implementation of Capacity Performance.

The committee endorsed this manual language with 0 objections and 0 abstentions.

Ms. Chantal Hendrzak, PJM, stated that PJM will submit a temporary waiver request to the FERC by the April 15, 2016 deadline in the Operating Agreement, Schedule 1, section 6.6(b), to review and come to a determination of a Capacity Market Seller request for an adjusted unit-specific parameter value. PJM will request a new deadline of May 15, 2016.

6. **Manual 11 – Energy & Ancillary Services – Changes for Day-Ahead Market Timeline**
Mr. Keyur Patel, PJM, reviewed changes to Manual 11 – Energy & Ancillary Services due to Day-Ahead Market timeline changes.
The committee endorsed this manual language with 1 objection and 2 abstentions.

7. **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 endorsed this language with 0 objections and 1 abstention.

8. **FTR Ownership Disclosure**
Mr. Bruce Bleiweis, DC Energy, reviewed FTR Ownership Disclosure Package A.
Mr. Tim Horger, PJM, reviewed FTR Ownership Disclosure Package B.
The committee did not endorse either package.
Package A received 22 votes in favor, 203 objections and 11 abstentions.
Package B received 42 votes in favor, 158 objections and 13 abstentions.
[*Issue Tracking: FTR Ownership Disclosure*](#)

9. **Operating Parameter Definitions**
Mr. Tom Hauske, PJM, reviewed updated Operating Parameter definitions to Manuals 11, 15 and 28.
Mr. Bob O’Connell, Main Line Electricity Consultants, L.L.C., proposed an amendment to the Problem Statement and an alternate motion during the meeting.
The committee approved the Problem Statement by acclamation with 15 objections and 0 abstentions.
The committee approved the Operating Parameter Definitions proposal with 140 in favor, 31 opposed and 16 abstentions. This proposal will move to the MRC for endorsement on March 31, 2016.
The committee also approved the alternate Operating Parameter Definitions proposal with 65 in favor, 44 opposed and 71 abstentions.
The committee endorsed the Operating Parameter Definition over the Status Quo with 143 in favor, 9 opposed and 31 abstentions.
[*Issue Tracking: Operating Parameter Definitions*](#)

First Readings

11. **Demand Response Emergency Energy Settlement Measurement and Verification**
Mr. Pete Langbein, PJM, presented a first read of proposed changes for 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 daytype with symmetric additive adjustment). The committee will be asked to endorse this change at the April Market Implementation Committee meeting.

12. **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 will be asked to approve the Problem Statement and Issue Charge at the April Market Implementation Committee meeting.

Informational Updates

13. PPL Electric Utilities Retirement

Mr. Paul Santarelli, PPL Electric Utilities, provided an update on the retirement of a Special Protection Scheme effective April 2016.

14. Carolina “22” SPS Retirement

Mr. Liem Hoang, PJM, reviewed the Carolina “22” Special Protection Scheme retirement effective February 2016.

15. Offer Cap FERC NOPR Update

Mr. Adam Keech, PJM, provided an update on the FERC NOPR: Offer Caps in the Markets Operated by Regional Transmission Organizations and Independent System Operators.

16. Billing Adjustment Reporting to FERC

Ms. Suzanne Daugherty, PJM, provided an update to stakeholders that FERC’s Office of Enforcement has requested PJM provide additional reporting to FERC when PJM makes market settlement adjustments. PJM will be complying with this request.

17. Inter-Regional Coordination Activity

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

Informational Section

Report on Market Operations

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

Markets Gateway

Ms. Risa Holland, PJM, was available during the meeting to answer questions on Markets Gateway. Due to stakeholder feedback and PJM’s need to continue to monitor recent technology upgrades, the eMKT production retirement date is extended to 04/19/2016. 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. Stakeholders should continue to send their questions to MarketsGatewaySupport@pjm.com

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

April 6, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
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	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Transmission Owner
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Cox, Jason	Dynegy Marketing & Trade, LLC	Generation Owner
Esposito, Pati	TransCanada Power Marketing Ltd.	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner



Draft Minutes

Smith, Melissa	PJM Interconnection, LLC	Not Applicable
Souder, Rich	PJM Interconnection, LLC	Not Applicable
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Zhao, Tong	PJM Interconnection, LLC	Not Applicable

In Attendance via Web Ex / Teleconference

Aguirre, Sohair	Cadwalader, Wickersham & Taft LLP	Not Applicable
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anderson, Jack	Unknown Other	Not Applicable
Ang, Derrick	Solios Power, LLC	Other Supplier
Bernier, Luc	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Bloom, David	Baltimore Gas and Electric Company	Other Supplier
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bruno, Pat	PJM Interconnection, LLC	Not Applicable
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Chamblee, Mark	Dynegy Marketing and Trade, LLC	Generation Owner
Chocarro Aguirrebengoa, Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Utilities, Inc.	Transmission Owner
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Transmission Owner
Demuyneck, Rene	NJ Board of Public Utilities	Not Applicable
DeNavas, Joseph	Potomac Electric Power Company	Electric Distributor
Dhuri, Bhusan	PJM Interconnection, LLC	Not Applicable
Dickson, Douglas	NJ Board of Public Utilities	Not Applicable
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dion, Julien	Powerex Corp.	Other Supplier
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ellen Driscoll, Mary	PJM Interconnection, LLC	Not Applicable
Engle, Andy	XO Energy MA, L.P.	Other Supplier
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
Gell, Richard	Ontario Power Generation Inc.	Other Supplier
Godson, Gloria	Potomac Electric Power Company	Electric Distributor
Goode, Cory	Yes Energy, LLC	Not Applicable
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Gouda, John	Old Dominion Electric Cooperative	Electric Distributor
Gresh, Kevin	PJM Interconnection, LLC	Not Applicable
Guerry, Katie	EnerNOC, Inc	Other Supplier
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Mike	Ameren Corp.	Not Applicable
Hilaski, Steve	Potomac Electric Power Company	Electric Distributor
Hoang, Liem	PJM Interconnection, LLC	Not Applicable

Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Jablonski, Jim	Borough of Butler, Butler Electric Division	Electric Distributor
James, Denise	Dominion Energy Marketing, Inc.	Generation Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jett, William	Duke Energy Business Services LLC	Generation 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
Kilgallen, Kevin	Emerald Energy	Not Applicable
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Knies, Heather	EDF Trading North America, LLC	Other Supplier
Kochonies, Karen	Morgan Stanley Capital Group, Inc.	Other Supplier
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Langbein, Peter	PJM Interconnection, LLC	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
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
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Meehan, James	FirstEnergy Solutions Corp.	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Mok, Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Monroe, Alicia	Federal Energy Regulatory Commission (The)	Not Applicable
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Patel, Munjal	NRG Power Marketing LLC	Generation Owner
Patten, Kevin	Appalachain Power Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Phillips, Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Rajan ES, Abhijit	Dominion Resources	Not Applicable
Reid, Ryan	Buckeye Power, Inc.	Electric Distributor
Reuter, Robert	Potomac Electric Power Company	Electric Distributor
Rismiller, Randy	Illinois Commerce Commission	Not Applicable
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Santarelli, Paul	Talen Energy Marketing, LLC	Generation Owner
Schafer, Anita	Duke Energy Business Services LLC	Generation Owner
Schneider, Jon	FirstEnergy Solutions Corp.	Transmission Owner
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Seiler, Ken	PJM Interconnection, LLC	Not Applicable
Semrau, Keith	Cleveland Public Power	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Simon, Daniel	Stroock & Stroock & Lavan LLC	Not Applicable
Sitaraman, Nicole	Office of the Peoples Counsel for the District of Columbia	End User Customer
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Steele, Robert	Acorn Energy Trading, LLC	Other Supplier
Suh, Jung	Noble Americas Gas & Power Corp.	Other Supplier
Thompson, Matthew	XO Energy MA, L.P.	Other Supplier



Draft Minutes

Treich, Brianna
Unknown
Wadsworth, Joe
Walter, Laura
Ward, Michael
Ward, Roxie
Watson, Mark
Webster, John
Weiss, Glenn
Wilhite, Chad
Williams, Michael
Wilmoth ES, Emily
Wilson, James
Wynn, Laura
Yang, Dan
Zadlo, Thomas

Interstate Gas Supply, Inc.
Castleton Commodities Merchant Trading L.P.
Vitol, Inc
PJM Interconnection, LLC
PJM Interconnection, LLC
E.ON Climate & Renewables North America Inc.
Platts
Dyon LLC
PJM Interconnection, LLC
FirstEnergy Solutions Corp.
Black Oak Energy, LLC
Dominion Virginia Power
Wilson Energy Economics
Stone, Mattheis, Xenopoulos, & Brew, PC
Parma Energy, LLC
PJM Interconnection, LLC

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Generation Owner
Not Applicable
Other Supplier
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Transmission Owner
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