

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
November 4, 2015
9:30 a.m. – 12:15 p.m. EPT

Administration

1. Ms. Adrien Ford and Ms. Christina Stotesbury provided announcements and reviewed the Anti-trust, Code of Conduct and Media Participation policies.
2. Minutes from the October 7, 2015 Market Implementation Committee were approved with **0 objections and 0 abstentions**.
3. Ms. Christina Stotesbury, PJM, reviewed and provided updates on the active MIC [Issue Tracking](#) items.

Mr. Gautam Punjabi, PJM, provided a brief update on the Enhanced Security tool rollout. PJM will send communication the week of November 9 with updated target release information.

Endorsements/Approvals

4. **Parameter Limited Schedule Exemption Process Problem Statement**
Mr. Bob O'Connell, on behalf of PPGI Fund A/B Development, LLC, presented a problem statement on the process to apply for an exception to parameter limited schedules. **The committee endorsed this problem statement with 0 objections and 0 abstentions.** The issue charge was also presented and the committee will be asked to endorse this issue charge at the December MIC meeting.

First Readings

5. **Demand Response Non-Summer Capacity Compliance Clarification**
Mr. Pete Langbein, PJM, reviewed updated manual language to clarify the CBL process for non-summer capacity compliance for Demand Response. The committee will be asked to endorse this language at the December MIC meeting.
6. **Manual 11 Changes**
Mr. Tong Zhao, PJM, reviewed conforming changes to Manual 11 – Energy & Ancillary Services Market due to the implementation of Capacity Performance. The committee will be asked to endorse this language at the December MIC meeting.

Informational Updates

7. **Manual 14D: Attachment L Wind Farm Communication Model**
Mr. Joe Ciabattone, PJM, presented updated language to Manual 14D – Generator Operational Requirements to expand the communication model to include Joint Operating resources.
8. **Net Energy Metering**
Mr. Ken Schuyler, PJM, provided an update on third quarter Net Energy Metering Report.

9. Black Oak Special Protection System Removal

Mr. Evan Ferrell, FirstEnergy, provided an update regarding the removal of the Black Oak Special Protection System in the APS Transmission Zone.

10. Special Protection System Changes

Mr. Alan Engelmann, ComEd, provided an update regarding changes to the Byron, Powerton, and Northbrook Special Protection Systems as part of the Grand Prairie Gateway project.

11. Inter-Regional Coordination Activity

- a. Mr. Stan Williams, PJM, provided an update on Coordinated Transaction Scheduling with NYISO.
- b. Mr. Stan Williams, PJM, was available to answer any questions on inter-regional coordination efforts.

12. Fuel Cost Policy Follow-up

Ms. Adrien Ford, PJM, provided follow-up information from the October MIC meeting regarding Fuel Cost Policy Guidelines associated with gas-fired generators.

13. TLC ComEd Reactive Interface

Mr. Liem Hoang, PJM, reviewed changes to the TLC ComEd Reactive Interface definition effective 3/1/2016.

Working Issues

14. Market Data Confidentiality Clarifications

Mr. Tom Zadlo, PJM, reviewed updated clarifications to confidential market data that takes into consideration stakeholder feedback from the October MIC meeting. The committee will be asked to endorse updated manual language at a future meeting.

[Issue Tracking: Market Data Confidentiality Clarifications](#)

15. FTR Ownership Disclosure

Ms. Adrien Ford, PJM, led the discussion regarding the disclosure of ownership of Financial Transmission Rights. Additional information will be reviewed at the December meeting.

[Issue Tracking: FTR Ownership Disclosure](#)

Informational Section

Markets Gateway/eMKT Update

Markets Gateway will replace the legacy eMKT tool on 03/01/2016 after a period of parallel operations. eMKT's replacement is part of PJM's commitment to simplify members' interaction with PJM. While no functionality or business rules have been changed in the development of Markets Gateway, new security controls will impact participants implementing browserless communications with the application. Interested participants are strongly encouraged to log into the application in PJM's Sandbox environment to become familiar with Markets Gateway and test any browserless functionality. Two Web Ex demonstration sessions have occurred and a third one will be scheduled for 1Q2016. The [Markets Gateway](#) page on pjm.com has documentation to help transition between the two applications. Please direct any questions or comments to marketsgatewaysupport@pjm.com.

Report on Market Operations

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

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

A MIC working session was held on February 18, 2014. When available, materials will be posted to the [MIC web site](#).

[Issue Tracking: FTR Forfeiture](#)

Tier 1 Compensation

A MIC working session was held on May 15, 2015. The group finalized the solution packages and voted on these packages at the July MIC Meeting. Draft manual and tariff language was presented in August, and was endorsed at the October MIC meeting. Following discussion at the October MRC meeting, the main motion **failed** in a sector-weighted vote with 2.72 in favor. Mr. Steve Lieberman, ODEC, proposed and Mr. Jim Jablonski, Public Power Association of New Jersey, seconded the IMM package as an alternate proposal. Following discussion, the alternate motion **failed** in a sector-weighted vote with 2.87 in favor. No further action was taken, and current rules remain in effect. Meeting materials are posted to the [MIC web site](#).

[Issue Tracking: Tier 1 Compensation](#)

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

December 2, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
January 6, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
February 10, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
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

Members in Attendance

Ford, Adrien (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	Other Supplier
Pakela, Gregory	DTE Energy Trading, Inc	Other Supplier
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Jardoí, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Logsdon, Josh	Exion Energy, Inc.	Other Supplier
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Sidhom, Noha	Inertia Power I, LLC	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Fuess, James	PBF Power Marketing LLC	Generation Owner
Moerner, Lisa	Virginia Electric & Power Company	Transmission Owner

Also in Attendance

Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Stewart, Travis	Gabel and Associates	Not Applicable
Hagaman, Derek	GT Power Group	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
O'Connell, Robert	Main Line Electricity Market Consultants, LLC	Not Applicable
Hastings, David	Market Interconnection LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable

Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bryson, Michael	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
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fasca, Courtney	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Hoang, Liam	PJM Interconnection, LLC	Not Applicable
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Hugee, Jacqui	PJM Interconnection, LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
Punjabi, Gautam	PJM Interconnection, LLC	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Shparber, Steve	PJM Interconnection, LLC	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Zadlo, Thomas	PJM Interconnection, LLC	Not Applicable
Zhao, Tong	PJM Interconnection, LLC	Not Applicable
Herel, Suzanne	RTO Insider	Not Applicable

In Attendance via Web Ex / Teleconference

Phillips, Amanda	Aces Power Marketing	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Vogel, Anne	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Shannon, Gary	AEP Energy Partners, Inc.	Other Supplier
Jones, Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Patten, Kevin	Appalachain Power Company	Transmission Owner
Cox, Edward P	Appalachian Power Company	Transmission Owner
Jeffries, Amy	Appalachian Power Company	Transmission Owner
Leopold, Chris	Appalachian Power Company	Transmission Owner
Esposito-Hils, Pati	Atlantic Grid Operations A, LLC	Other Supplier
Bloom, David	Baltimore Gas & Electric Company	Transmission Owner
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Smith, Kara	Buckeye Power, Inc	Electric Distributor
Biltz, Kara	Buckeye Power, Inc.	Electric Distributor
Reid, Ryan	Buckeye Power, Inc.	Electric Distributor
Metzler, Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Electric Distributor
Engelmann, Alan	Commonwealth Edison Company	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner

Verderame, John	CP&L dba Progress Energy Carolinas, Inc.	Other Supplier
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Farber, John	DE Public Service Commission	Not Applicable
Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Rajan, Abhijit	Dominion Resources	Not Applicable
Currier, Jeff	Dominion Virginia Power	Not Applicable
Feierabend, Rick ES	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Wilmoth (ES), Emily	Dominion Virginia Power	Not Applicable
Eckstein, Jim	Duke Energy Business Services LLC	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Cox, Jason	Dynegy Power Marketing, Inc.	Transmission Owner
Labij, Christina	EcoGrove Wind, LLC	Generation Owner
O'Connor, Siobhan	Energy Authority, Inc. (The)	Generation Owner
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Wood, Gordon	ETC Endure Energy L.L.C.	Other Supplier
Halay, Alina	Federal Energy Regulatory Commission (The)	Not Applicable
Sillin, John	Federal Energy Regulatory Commission (The)	Not Applicable
Snow, Robert	Federal Energy Regulatory Commission (The)	Not Applicable
Villatoro, Karen	Federal Energy Regulatory Commission (The)	Not Applicable
Wellborn, Sam	Federal Energy Regulatory Commission (The)	Not Applicable
Cicero, Nicholas	FirstEnergy Solutions Corp.	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Ferrell, Evan	FirstEnergy Solutions Corp.	Transmission Owner
Marion, David	FirstEnergy Solutions Corp.	Transmission Owner
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Bernier, Luc	FirstEnergy Solutions Corp.	Transmission Owner
Ma, Alex	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Peters, James	Invenergy, LLC	Generation Owner
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Wisersky, Megan	ITC Mid-Atlantic Development LLC	Other Supplier
Canchi, Devendra	Madison Gas and Electric Co.	Other Supplier
Liang-Nicol, Cecilia	Monitoring Analytics, LLC	Not Applicable
Chen, Jennifer	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Mahoney, Julieanne	Natural Resources Defense Council	Not Applicable
Suh, Jung	New York State Electric & Gas Corporation	Other Supplier
Kingston, Amber	Noble Americas Energy Solutions LLC	Other Supplier
Wilkins, James	North Carolina Electric Membership Corporation	Electric Distributor
Sanada, Cristy	North Carolina Electric Membership Corporation	Electric Distributor
Sitaraman, Nicole	NYISO	Not Applicable
Hozempa, Larre	Office of the Peoples Counsel for the District of Columbia	End User Customer
Loudenburg, Zack	PATH Allegheny Transmission Company, LLC	Transmission Owner
Skucas, Ruta	Pennsylvania Renewable Resources, Associates	Generation Owner
Austin, Larry	Pierce Atwood	Not Applicable
Burlew, Jim	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Keech, Jason	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Mae Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Martini, Danielle	PJM Interconnection, LLC	Not Applicable

McNamara, Sean
Phillips, Darlene
Pilong, Chris
Schweizer, David
Slusser, Jeff
Walter, Laura
Warner-Freeman, Jennifer
Weiss, Glenn
Godson, Gloria
Reuter, Robert
Depillo, Raymond
Czigler, Frank
Gebolys, Debbie
Ward, Conor
McAdams, Julius
Hoatson, Tom
Yu, Joel
Coffman Smith, Andrew
Kopon, Owen
Xenopoulos, Damon
Greening, Michele
Scoglietti, Barbara
Staska, Stephanie
Crystle, Gil
Harmon, Michael
Heise, Randi
Thompson, Matthew
Goode, Cory

PJM Interconnection, LLC
Potomac Electric Power Company
Potomac Electric Power Company
PSEG Energy Resources and Trade LLC
Public Service Electric & Gas Company
Public Utilities Commission of Ohio (The)
R3
Red Wolf Energy Trading, LLC
Riverside Generating, LLC
Rockland Electric Company
SNLEnergy
Stone, Mattheis, Xenopoulos, & Brew, PC
Stone, Mattheis, Xenopoulos, & Brew, PC
Talen Energy Marketing, LLC
Tangent Energy Solutions, Inc.
Twin Cities Power, LLC
UGI Development Company
Union Electric Company d/b/a Ameren Missouri
Virginia Electric Power Company
XO Energy MA, L.P.
Yes Energy LLC

Not Applicable
Electric Distributor
Electric Distributor
Other Supplier
Transmission Owner
Not Applicable
Not Applicable
Other Supplier
Other Supplier
Transmission Owner
Not Applicable
Not Applicable
Not Applicable
Generation Owner
Other Supplier
Other Supplier
Transmission Owner
Other Supplier
Transmission Owner
Other Supplier
Not Applicable

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