



Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
June 10, 2015
9:30 a.m. – 1:45 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 May 6, 2015 Market Implementation Committee meeting were approved as posted.
- 3. Ms. Christina Stotesbury reviewed the MIC <u>Issue Tracking</u> items.
- 4. Mr. Steven Shparber provided a brief update on two FERC Orders received June 9, 2015, rejecting last year's complaint from Duke and ODEC's waiver request related to gas balancing costs.

Informational Updates

5. PJM Website Update

Ms. Tawnya Luna, PJM, discussed improvements being made to the PJM website, pjm.com.

6. Manual 19 Update

Mr. Pete Langbein, PJM, reviewed updated language to Demand Response Residential Measurement and Verification in Manual 19: Load Forecasting and Analysis. **This item will be voted at the June 25 MRC meeting**.

7. Data Viewer

Ms. Risa Holland, PJM, provided an update on the Data Viewer tool that is replacing eData. Information was provided regarding upcoming changes to the posting of 5 minute real-time LMPs, regulation market clearing prices and reserve market clearing prices effective July 15, 2015. Member feedback should be sent to dataviewerteam@pjm.com.

8. Markets Gateway

Ms. Risa Holland, PJM, provided an update on the Markets Gateway tool that is replacing eMarket. Questions and feedback should be sent to MarketsGatewaySupport@pjm.com. Documentation and training will be provided in third quarter 2015.

9. Interregional Coordination Update

Mr. Stan Williams, PJM, provided an update on the PJM/MISO Joint and Common Market Initiative Meeting held on May 27, 2015. Feedback from stakeholders related to PJM/MISO joint filings can be sent to dave.anders@pjm.com. The next Joint and Common Meeting will be held at the PJM campus on August 20.

10. SPS Removals of PPL Transmission Zone

Mr. Paul Santarelli, PPL, and Mr. Bill Skumanich, PPL, discussed the removal of the Susquehanna Generator Loss of Outlet, Wescosville T3 and Montour Runback special protection schemes.

11. Pricing Interfaces

Mr. Mike Bryson, PJM, reviewed new and updated pricing interfaces.

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12. Capacity Performance

Mr. Mike Kormos, PJM, provided an update that PJM received approval from the FERC on Tuesday June 9 to move ahead with the Capacity Performance proposal. With FERC's order, Capacity Performance will be incorporated into the annual capacity auction for the 2018-2019 delivery year. The auction will begin August 10. Additional information and training will be available.

First Readings

13. Tier 1 Compensation Proposals

Ms. Lisa Morelli, PJM, presented the Tier 1 Compensation package proposals as a first read. **The Market Implementation Committee will vote on a package at the July 8 meeting.****Issue Tracking: Tier 1 Compensation**

14. Timing of Replacement Capacity Transactions

Mr. Paul Scheidecker, PJM, reviewed the Matrix, and presented one package proposal as a first read. **The Market Implementation Committee will vote on this package at the July 8 meeting.**

Issue Tracking: Timing of Replacement Capacity Transactions

Working Issues

15. Transparency of Operational Changes

Ms. Adrien Ford, PJM, led the discussion to review design components. Mr. Bruce Bleiweis asked the committee to consider the proposed package as a first read. **The Market Implementation Committee will vote on this package at the July 8 meeting.**

Issue Tracking: Operational Transparency

16. External Capacity Transfer Rights

Mr. Jeff Bastian, PJM, presented an updated PJM proposal to allocate Capacity Transfer Rights to External Historic Resources. Additional materials and education will be provided at the July 8 meeting.

Issue Tracking: External Capacity Transfer Rights

Informational Section

Report on Market Operations

The Report on Market Operations will be reviewed during the MC Webinar.

MIC Working Session Updates

Tier 1 Compensation

A MIC working session was held on May 15, 2015.

The group has finalized the solution packages and presented them at the June 10 MIC Meeting. 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





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

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 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

Subcommittee and Task Force Updates

Market Settlements Subcommittee (MSS)

Meeting materials are posted to the MSS web site.

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.

Future Meeting Dates

July 8, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
August 12, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
September 9, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
October 7, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
November 4, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
December 2, 2015	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
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Bleiweis, Bruce	DE Energy LLC	Other Supplier
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Riding, M.Q.	Essential Power OPP, LLC	Transmission Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Benchek, Jim	FirstEnergy Corporation	Transmission Owner
D'Alessandris, Lou	FirstEnergy Corporation	Transmission Owner
Fodor, Troy	Illinois Municipal Electric Agency	Electric Distributor
Schum, Alice	Illinois Municipal Electric Agency	Electric Distributor
Foladare, Kenneth	IMG Midstream LLC	Generation Owner





Messer, Michael Powers, Sean Kogut, George Fitch, Neal Lieberman, Steven Fuess, James Brodbeck, John Santarelli, Paul Skumanich, William Greening, Michele Moerner, Lisa Wadsworth, Joseph Linde Energy Services, Inc.
Linde Energy Services, Inc.
New York Power Authority
NRG Power Marketing LLC
Old Dominion Electric Cooperative
PBF Power Marketing LLC
Potomac Electric Power Company
PPL Electric Utilities Corp.
PPL EnergyPlus, L.L.C.
Virginia Electric & Power Company

Virginia Electric & Power Company
Vitol Inc.

Gable and Associates

Gable and Associates

Transmission Owner Transmission Owner Transmission Owner Other Supplier

End User Customer End User Customer

Generation Owner

Electric Distributor

Generation Owner

Electric Distributor

Transmission Owner

Other Supplier

Also in Attendance

Borgatti, Michael Stewart, Travis Hagaman, Derek Pratzon, David O'Connell, Robert Mabry, David Bowring, Joseph Anders, David Bastian, Jeff Bryson, Michael Carroll, Rebecca Drauschak, Lisa Driscoll, Mary Ellen Egan, Amanda Fabiano, Janelle Holland, Risa Holter, Natasha Kormos, Michael Langbein, Peter Loomis, Harold Luna, Tawyna McLeon, lan

GT Power Group GT Power Group Main Line Electricity Market Consultants McNees Wallace & Nurick LLC Monitoring Analytics, LLC PJM Interconnection, LLC RTO Insider

Not Applicable Not Applicable Transmission Owner Not Applicable None Not Applicable Not Applicable

In Attendance via WebEx / Teleconference

Rutigliano, Tom Gabrieli, Anthony Harmon, Mike McAlister, Lisa Norton, Chris Ondayko, Brock Patten, Kevin Feliks, Kent Ozkan, Deniz Kaczanowski, Marek Janicki, Diane Kelly, Stephen

Metzler, Jakob

Morelli, Lisa Scheidecker, Paul

Sechrist, Erin Shparber, Steven

Williams, Stanley

Herel, Suzanne

Achieving Equillibrium, LLC
Ally Energy LLC.
Ameren Corp
American Municipal Power, Inc.
American Municipal Power, Inc.
Appalachain Power Company
Appalachain Power Company
Appalachian Power Company
Atlantic Grid Operations A, LLC
Baltimore Gas and Electric Company
Boston Energy Trading & Marketing, LLC
Brookfield Energy Marketing LP
Castleton Commodities Merchant Trading L.P.

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

Other Supplier





Davis, Connie Miller, John Gilani, Rehan Gilani, Rehan Dessender, Harry Sasser, Jonathan Price, Mark Farber, John Strobbe, M. Carrier, Ron

Price, Ruth Lacy, Catharine Pakela, Greg Mok, Alan Verderame, John Peoples, John

Comeskey, Benjamin Dugan, Chuck Labij, Christina Fort, Jim Haynes, Greg

O'Connor, Siobhan Ainspan, Malcolm Campbell, Bruce Doremus, Steven Matheson, Doug Meier, Mariko

Barker, Jason Icart. Eric

Icart, Eric Martin, Valerie Cicero, Nick Wilhite, Chad Marton, David Bloom, David Shanker, Roy

Canto, Mike Leonard, Ryan Hanson, Mark Kothakapu, Rakesh Prokop, Brenda Nicolay, Christi

Saini, Ishwar De Geeter, Ralph Shelton, Chris

Mahoney, Julieanne Manning, James Mariam, Yohannes Gell, Richard Carmean, Gregory Gebolys, Debbie

Chiavaroli, Tom Boyle, Stephen Bruno, Patrick Coyne, Suzanne Dotter, Ray Falco, Christine Franks, Christine Harper, Kristina Hauske, Thomas City of Cleveland, DPU, Div of Cleveland Public Pwr

Commonwealth Edison Company ConEdison Energy, Inc.

Consolidated Edison Energy, Inc Customized Energy Solutions, Ltd.* Customized Energy Solutions, Ltd.* DC Energy Mid-Atlantic, LLC DE Public Service Commission

DHAST Co.

Direct Energy Business, LLC

Division of the Public Advocate of the State of Delaware

Dominion Virginia Power DTE Energy Trading, Inc. Duke Energy Kentucky, Inc. Duke Energy Progress, Inc Duquesne Light Company

E360 Power

East Kentucky Power Cooperative, Inc.

EcoGrove Wind, LLC
Energy Authority, Inc. (The)
Energy Authority, Inc. (The)
Energy Authority, Inc. (The)
Energy Curtailment Specialists, Inc.

EnergyConnect, Inc. EnerNOC, Inc. EnerNOC, Inc. EnerNOC, Inc.

Exelon Business Services, LLC

Federal Energy Regulatory Commission (The) Federal Energy Regulatory Commission (The) FirstEnergy Solutions Corp.

FirstEnergy Solutions Corp.
FirstEnergy Solutions Corporation
Gridforce Energy Management, LLC
H.Q. Energy Services (U.S.), Inc
Hartigen Solutions, LLC
IBERDROLA RENEWABLES, LLC
Illinois Commerce Commission
Illinois Municipal Electric Agency
ITC Mid-Atlantic Development LLC
Macquaria Energy LLC

Macquarie Energy LLC Macquarie Energy LLC

Maryland Public Service Commission

Millenium Partners

New York State Electric & Gas Corporation North Caroline Electric Membership Corporation Office of the Peoples Counsel for the Dist.t of Columbia

Ontario Power Generation Inc.

OPSI Other PGI.com

PJM Interconnection, LLC Electric Distributor Transmission Owner Other Supplier

Other Supplier Not Applicable Not Applicable Other Supplier Not Applicable Not Applicable Other Supplier

End User Customer
Not Applicable
Other Supplier
Transmission Owner

Other Supplier
Transmission Owner
Not Applicable
Transmission Owner
Generation Owner
Other Supplier
Other Supplier
Other Supplier

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

Not Applicable
Other Supplier
Electric Distributor
End User Customer
Other Supplier
Not Applicable



Holland, Risa Horger, Tim Hsia, Eric Keech, Jason Keech, Todd Kenney, Susan Kimmel, David Nzambila, Andea O'Neill, Jack Perez, Alexis Quintavalla, Ginger Schmitt, Jeff Schuyler, Ken Slusser, Jeff Smith, Melissa Souder. Michelle Velasco, Cheryl Mae Ward, Mike Weiss, Glenn Withrow, David Yeager, Leslie Zadlo, Thomas DeNavas, Joe Sunderhauf, Steve Richardson, Frank Santarelli, Paul Citrolo, John Czigler, Frank Sock, Bryan McAdams, Julius Hoatson, Tom Yu, Joel Binder, Gerry Robson, Matt Peebles, Andy Grant, Annalee Scoglietti, Barbara

Author: Christina Stotesbury

York, Katherine

Harmon, Michael

Jablonski, Jim

Slade, Louis

Ligas, Matt

Crystle, Gil

PJM Interconnection, LLC Potomac Electric Power Company Potomac Electric Power Company PPL Electric Utilities Corp. dba PPL Utilities PPL Electric Utilities Corp. dba PPL Utilities PSEG Energy Resources and Trade LLC Public Service Electric & Gas Company Public Service Electric & Gas Company

Red Wolf Energy Trading, LLC Riverside Generating, LLC Rockland Electric Company SESCO Enterprises LLC SESCO Enterprises LLC Shell Energy North America (US), LP

Tangent Energy Solutions, Inc. Tennessee Valley Authority **UGI** Development Company

Union Electric Company d/b/a Ameren Missouri

Vineland Municipal Electric Utility Virginia Electric Power Company

Vitol, Inc

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

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