



DRAFT MINUTES
PJM MARKET IMPLEMENTATION COMMITTEE
PJM CONFERENCE & TRAINING CENTER
AUDUBON, PA
AUGUST 6, 2014

Members In Attendance:

Ford, Adrien (Chair)	PJM Interconnection, LLC	Not Applicable
Canter, David	AEP	Transmission Owner
Shaffer, Brian	Atlantic City Electric Company	Electric Distributor
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
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
Bleiweis, Bruce	DC Energy, LLC	Other Supplier
Scarpignato, Dave	Direct Energy Business, LLC	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Stadlmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Bencheck, Jim	FirstEnergy Solutions Corporation	Transmission Owner
Philips, Marjorie	Hess Corporation	Other Supplier
Webster, John	Icetec.com, Inc	Not Applicable
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
O'Connell, Robert	JPMorgan Ventures Energy Corporation	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Cook Jr., Patrick	Potomac Electric Power Company	Electric Distributor
Hartman, Gary	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Greening, Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Maher, Mollie	PPL EnergyPlus, L.L.C.	Transmission Owner
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Walter, Laura (Secretary)	PJM Interconnection, LLC	Not Applicable

Also in Attendance:

Bladen, Jeffrey	DNV GL	Not Applicable
Borgatti, Michael	Gable and Associates	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Bresler, F. Stuart (Stu)	PJM Interconnection, LLC	Not Applicable
Bryson, Michael E.	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Horning, Lynn	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable



Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Reiter, Heather	PJM Interconnection, LLC	Not Applicable
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Souder, David	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina	PJM Interconnection, LLC	Not Applicable

In Attendance via WebEx / Teleconference:

Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Hubbard, Lance	Allegheny Electric Cooperative, Inc.	Electric Distributor
Terry, Jonathan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Teamann, Cindy	Allegheny Power	Transmission Owner
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Patten, Kevin	Appalachain Power Company	Transmission Owner
Purdum, Denice	APX	Not Applicable
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Kelly, Steve	Brookfield Renewable Energy Marketing	Other Supplier
Engelmann, Alan	Commonwealth Edison Company	Transmission Owner
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Patel, Kishan	Consolidated Edison Company of NY, Inc.	Transmission Owner
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Berlinski, Mike	Customized Energy Solutions, Ltd.*	Not Applicable
Dessenger, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Dugan, Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Judson, Judith	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Kuhn, Tyler	DC Energy LLC	Other Supplier
Neubrandner, Kerry	DC Energy LLC	Other Supplier
Scott, Charles	DC Energy LLC	Other Supplier
Farber, John	DE Public Service Commission	Not Applicable
Erbrick, Michael	DhastCo, LLC	Not Applicable
Maucher, Andrea	Delaware (State of) Div. of the Public Advocate	End User Customer
Haskins, Linda	Dominion Resources	Not Applicable
Rajan, Abhijit	Dominion Resources	Not Applicable
Coyle, Billy	Dominion Virginia Power	Not Applicable
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Jennings, Kenneth	Duke Energy Business Services LLC	Generation Owner
Jett, William	Duke Energy Business Services LLC	Generation Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Knies, Heather	EDF Trading North America, LLC	Other Supplier
Haynes, Greg	Energy Authority, Inc. (The)	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Poulos, Greg	EnerNOC, Inc.	Other Supplier



Cohen, Tristan	Federal Energy Regulatory Commission (The)	Not Applicable
Fernandez, Jonathan	Federal Energy Regulatory Commission (The)	Not Applicable
Logan, Sharon	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
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corporation	Transmission Owner
Cicero, Nick	FirstEnergy Solutions Corporation	Transmission Owner
Marton, David	FirstEnergy Solutions Corporation	Transmission Owner
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Allen, Kimberly	Hartigen Solutions, LLC	Not Applicable
Frelich, Jessica	Integrays Energy Services, Inc.	Other Supplier
Ma, Alex	Invenergy	Generation Owner
Singh, Harry	J. Aron & Company	Other Supplier
Powers, Sean	Linde Energy Services, Inc.	End User Customer
McNally, Stephen	Long Island Lighting Company d/b/a LIPA	Other Supplier
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Wang, Shaun	Macquarie Energy LLC	Other Supplier
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
De Geeter, Ralph	Maryland Public Service Commission	Not Applicable
Kuehl, Brent	MidAmerican Energy Company (Retail)	None
Canchi, Devendra	Monitoring Analytics, LLC	Not Applicable
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Bouchez, Nicole	New York ISO	Not Applicable
Kirkpatrick, Roger	New York ISO	Not Applicable
Mahoney, Julieanne	New York State Electric & Gas Corporation	Other Supplier
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Owens, Christina	North Carolina Electric Membership Corporation	Electric Distributor
Wilkins, James	North Carolina Electric Membership Corporation	Electric Distributor
Orlando, James	Northern Indiana Public Service Company	Other Supplier
Bonanni, John	NRG Power Marketing LLC	Generation Owner
Carmean, Gregory	OPSI	Not Applicable
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Loudenburg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner
Cook, Patrick J. (Jr.)	Pepco Holdings Inc.	Not Applicable
DeNavas, Joe	Pepco Holdings Inc.	Not Applicable
Garbini, Marj	Pepco Holdings Inc.	Not Applicable
Chiavaroli, Tom	PGI	Not Applicable
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Bilash, Jason	PJM Interconnection, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Budney, David	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable



Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hoang, Liem	PJM Interconnection, LLC	Not Applicable
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Kelley, Michael	PJM Interconnection, LLC	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
MacGibbon, Douglas	PJM Interconnection, LLC	Not Applicable
McLavery, Megan	PJM Interconnection, LLC	Not Applicable
McNamara, Sean	PJM Interconnection, LLC	Not Applicable
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Sasser, Jonathan	PJM Interconnection, LLC	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Tam, Simon	PJM Interconnection, LLC	Not Applicable
Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Weiss, Glenn	PJM Interconnection, LLC	Not Applicable
Xu, Xu	PJM Interconnection, LLC	Not Applicable
Razze, Scott	Potomac Electric Power Company	Electric Distributor
Chesser, Kathrina	Power Costs Inc	Not Applicable
Hyzinski, Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Citrolo, John	PSEG Energy Resources and Trade LLC	WINDOWS,IE
Kimmish, Steven	PSEG Energy Resources and Trade LLC	Transmission Owner
Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Zhou, Dawei	PSEG Energy Resources and Trade LLC	Transmission Owner
Lewis, Cara	Public Service Electric & Gas Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio	Not Applicable
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Etnoyer, Scott	Raven Power Marketing LLC	Generation Owner
Allen, Wesley	Red Wolf Energy Trading, LLC	Other Supplier
McAdams, Julius	Red Wolf Energy Trading, LLC	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Quinlan, Pamela	Rockland Electric Company	Transmission Owner
Sudhakara, Raghu	Rockland Electric Company	Transmission Owner
Lange, Nathan	RTO Energy Trading, LLC	Other Supplier
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Peebles, Andy	Shell Energy North America (US), LP	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Staska, Stephanie	Twin Cities Power, LLC	Other Supplier
Galicia, Louis	Ventyx	Not Applicable
Batta, Michael	Virginia Electric & Power Company	Transmission Owner
Moerner, Lisa	Virginia Electric & Power Company	Transmission Owner
Birnel, William	Westar Energy, Inc.	Other Supplier



1. **ADMINISTRATION**

The Committee approved the current Agenda and the Minutes of July 6, 2014 MIC meeting by acclamation. Ms. Laura Walter, PJM, demonstrated the [enhanced issue tracking features on pjm.com](#) and requested additional feedback from the committee.

2. **COLD WEATHER REPORT RECOMMENDATIONS: UNIT MARKET OFFERS**

Ms. Adrien Ford, PJM, explained that this problem statement will be addressed in the Enhanced Liaison Committee Process along with Qualified Transmission Upgrade Credit Issue, Energy Storage Participation in RPM, Cold Weather Resource Performance and Gas Unit Coordination Commitment.

3. **COLD WEATHER REPORT RECOMMENDATIONS: REGULATION MARKET**

Mr. Jeffrey Schmitt, PJM, reviewed a problem statement focusing on a recommendation from the 2014 PJM Cold Weather Report. The committee discussed the problem statement and requested that PJM come back with more information and a more concise problem statement at a later date.

4. **POWER METER AND INSCHEDULE DATA SUBMITTAL DEADLINES**

Mr. Ray Fernandez, PJM, presented the proposed Manual and Open Access Transmission Tariff Changes from the Market Settlements Subcommittee to address Power Meter and InSchedule Deadlines. The modifications are scheduled to be implemented on June 1, 2015. Further, the OATT modifications will also be made in Schedule 1 of the Operating Agreement as the language is the same. **The committee endorsed the proposal with 0 objections and 11 abstentions.**

5. **CAPACITY CONTRIBUTION RECONCILIATION**

Ms. Susan Kenney, PJM, presented the Manual and Reliability Assurance Agreement changes from the Market Settlements Subcommittee that would allow Electric Distribution Companies to submit corrections to Peak Load Contribution and Network Service Peak Load assignments up to 12 noon on the next business day. **The committee endorsed the revisions with 0 objections and 0 abstentions.**

6. **CORRECTION TO ADJUSTED REGULATION PERFORMANCE COST EQUATION**

Michael Olaleye, PJM, presented a clarification around language in Manual 11 and Manual 15 relating to the Regulation Performance Cost Equation. The committee asked to endorse the manual language revisions at the September MIC meeting.

7. **VIRTUAL TRANSACTIONS CREDIT REQUIREMENT TIMEFRAME**

Mr. Hal Loomis, PJM, presented an update on the reduced credit requirement calculation interval for Virtual Transactions. **The committee endorsed this change with 0 objections and 2 abstentions.**

8. **CREDIT SUBCOMMITTEE UPDATE**

Mr. Hal Loomis, PJM, reviewed updates on several Credit Subcommittee items. These three items are Demand Bid Volume Limits, Risk Documentation Items and Peak Market Activity Adjustment for Virtuals.

9. **TIER 1 CAPABILITY**

Mr. Michael Olaleye, PJM, presented an update on the applicability for Tier 1 Capability compensation. The committee will be asked to endorse these changes at the September MIC.

10. **ANNUAL DEMAND RESPONSE MAINTENANCE OUTAGE REPORTING PROCESS**

Ms. Andrea Yeaton, PJM, presented on the Annual Demand Response maintenance outage reporting process and reviewed the DRS polling results. The committee will be asked to endorse this manual change at the September MIC



11. INTERREGIONAL COORDINATION UPDATE

Mr. Stan Williams, PJM, presented an update on interregional coordination efforts.

12. PJM INTERFACES

Mr. Joe Ciabattini, PJM, presented new interfaces being developed by PJM and the process by which they are communicated to stakeholders. Mr. Bruce Bliewies, DC Energy, presented recommendations for public advanced notice of closed loop interfaces. PJM will address the issues and develop a process for moving forward.

13. DATA SNAPSHOT UPDATES

Ms. Lynn Horning, PJM, provided an update on the [Data Snapshot tool](#).

14. EXSCHEDULE

Mr. Christopher Pacella, PJM, presented an informational update on the ExSchedule Application replacement of EES.

15. REMOVAL OF THREE SPECIAL PROTECTION SCHEMES

Mr. Alan Engelmann, Mr. Kevin Chamberlain, Mr. Doug Eakins, and Mr. Devon Summers from ComEd - Transmission Planning presented the removal of three special protection schemes.

16. DOOMS-LEXINGTON 500KV LINE OUTAGE

Mr. Liem Hoang, PJM, presented an informational update on the Doods-Lexington 500kV line outage that will run through the 2014/2015 winter.

INFORMATIONAL SECTION

17. REPORT ON MARKET OPERATIONS

The *Report on Market Operations* will be posted to the [MIC web site](#).

18. MIC WORKING SESSION UPDATES

Up-To Congestion Transactions

A MIC working session was held on June 10, 2014. This issue will be put on temporary hiatus until later this fall 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 13, 2014, 2014.

When the next meeting is scheduled, materials will be posted to the [MIC web site](#).

[Issue Tracking: FTR Forfeiture](#)

Energy Scheduling Issue

The Energy Scheduling (MIC) meetings have been put on hold until late 2014 to allow work on related issues through the PJM/MISO Joint and Common Market Initiative. PJM will announce new meeting dates in late 2014 as appropriate. Meeting materials will be posted to the [MIC web site](#).

[Issue Tracking: Energy Scheduling Issue](#)



Energy/Reserve Pricing & Interchange Volatility

A MIC working session was held on July 29, 2014.

[20140728 Energy/Reserve Pricing and Interchange Volatility Agenda](#)

The next meeting is scheduled for August 7, 2014. Materials will be posted to the [MIC web site](#).

[Issue Tracking: Energy/Reserve Pricing & Interchange Volatility](#)

19. SUBCOMMITTEE AND TASK FORCE UPDATES

Market Settlements Subcommittee (MSS)

The MSS met on July 30, 2014. Meeting materials are available at:

[20140722 MSS Draft Minutes](#)

The next meeting is scheduled for August 20, 2014. Meeting materials will be posted to the [MSS web site](#).

Credit Subcommittee (CS)

The CS met on July 18, 2014. Meeting materials are available at:

[20140718 CS Agenda](#)

The next meeting is scheduled for August 26, 2014. Meeting materials will be posted to the [CS website](#).

Demand Response Subcommittee (DRS)

The DRS met on July 30, 2014. Meeting materials are available at:

[20140624 DRS Draft Minutes](#)

[20140730 DRS Agenda](#)

The next meeting is scheduled for August 25, 2014. Meeting materials will be posted to the [DRS web site](#).

Intermittent Resources Task Force (IRTF)

The IRTF met on July 21, 2014. Meeting minutes are available at:

[20140721 IRTF Agenda](#)

[20140526 IRTF Draft Minutes](#)

The next meeting is scheduled for September 22, 2014. Meeting materials will be posted to the [IRTF web site](#).

20. FUTURE MEETING DATES

September 3, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
October 8, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
November 5, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
December 3, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA