

Market Implementation Committee  
PJM Conference & Training Center, Audubon, PA  
January 6, 2016  
9:30 a.m. – 1:30 p.m. EPT

## Administration

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

## Endorsements/Approvals

4. **Market Consistency – Daily Zonal Scaling Factors**  
Mr. Ray Fernandez, PJM, reviewed proposed Manual 27 changes for the Market Consistency – Daily Zonal Scaling Factors issue that was worked through the Markets Settlements Subcommittee.  
**The committee endorsed the manual changes with 1 objection and 0 abstentions.**  
[Issue Tracking: Market Consistency – Daily Zonal Scaling Factors](#)
5. **Operating Parameter Definitions**  
Mr. Jeff Schmitt, PJM, presented an issue charge related to Manual 15 changes, including proposed changes to the definition of startup cost, no load cost, and cancellation fees.  
**The committee endorsed the issue charge with 0 objections and 1 abstention.**  
Mr. Schmitt previewed proposed Operating Parameter definitions. A Special Session of the MIC to discuss these definitions has been scheduled for January 19 at 1:00pm.

## First Readings

6. **Market Data Confidentiality Clarifications**  
Mr. Tom Zadlo, PJM, reviewed updated clarifications to confidential market data that takes into consideration stakeholder feedback from the December MIC meeting. The committee will be asked to endorse this language at the February meeting.  
[Issue Tracking: Market Data Confidentiality Clarifications](#)

## Informational Updates

7. **FERC Order Accepting Energy Market Offer Cap**  
Ms. Lisa Morelli, PJM, provided an update on the FERC Order, Docket No. ER16-76-000, accepting PJM's Energy Market Offer Cap proposal effective December 14, 2015.
8. **Hot Weather/Cold Weather Action Items**  
Mr. Dave Souder, PJM, provided a status update on the Hot Weather and Cold Weather action items.

## 9. Load Management Report

Ms. Shira Horowitz, PJM, provided an update on the 2015-2016 Load Management Report.

## 10. Cash Collateral Update

Mr. Steve Lawson, PJM, provided an update on Cash Collateral.

## 11. Markets Gateway Update

Ms. Risa Holland, PJM, provided an update on Markets Gateway.

## 12. Inter-Regional Coordination Activity

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

## Working Issues

### 13. FTR Ownership Disclosure

Ms. Adrien Ford, PJM, led the discussion regarding the disclosure of ownership of Financial Transmission Rights.

[Issue Tracking: FTR Ownership Disclosure](#)

### 14. Parameter Limited Schedule Exception Process Problem Statement

Mr. Tong Zhao, PJM, provided education regarding the Parameter Limited Schedule Exception Process. Additional education will be presented at the February meeting.

[Issue Tracking: Parameter Limited Schedule Exception Process](#)

## Informational Section

### Report on Market Operations

The Report on Market Operations is posted with the January [MIC Materials](#).

## 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

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
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
Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy	Other Supplier
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Crystle, Gil	UGI Development Company	Transmission 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
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Fuess, Jay	PBF Power Marketing, LLC	Generation Owner
Greening, Michele	Talen Energy Marketing, LLC	Generation Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier

Guerry, Katie	EnerNOC, Inc.	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Midgley, Sharon	Exelon Generation Co., LLC	Generation Owner
Moerner, Lisa	Carroll County Energy LLC	Other Supplier
Prokop, Brenda	ITC Holdings	Other Supplier
Richardson, Frank	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Rushing, Nathan	CPV Maryland, LLC	Generation Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Sidhom, Noha	Inertia Power 1, LLC	Other Supplier
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	Other Supplier
Yu, Joel	Rockland Electric Company	Transmission Owner

## Also in Attendance

Anders, David	PJM Interconnection, LLC	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Brownell, Stan	PJM Interconnection, LLC	Not Applicable
Bryson, Michael	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	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
Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	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
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horowitz, Shira	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
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Khashfe, Bill	PJM Interconnection, LLC	Not Applicable
Lawson, Steven	PJM Interconnection, LLC	Not Applicable
Loomis, Harold	PJM Interconnection, LLC	Not Applicable

Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Manion, Evelyn	PJM Interconnection, LLC	Not Applicable
McLavery, Megan	PJM Interconnection, LLC	Not Applicable
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	Main Line Electricity Market Consultants	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Shparber, Steve	PJM Interconnection, LLC	Not Applicable
Snyder, Sue	PJM Interconnection, LLC	Not Applicable
Souder, David	PJM Interconnection, LLC	Not Applicable
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Stewart, Travis	Gable and Associates	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Yeddanapudi, Sree	PJM Interconnection, LLC	Not Applicable
Zadlo, Thomas	PJM Interconnection, LLC	Not Applicable
Zhao, Tong	PJM Interconnection, LLC	Not Applicable

## In Attendance via WebEx / Teleconference

Ainspan, Malcolm	NRG Curtailment Solutions, Inc	Other Supplier
Antonelli, Diane	PJM Interconnection, LLC	Not Applicable
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bobicz, Jill	Intercall	Not Applicable
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Budney, David	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	Organization of PJM States	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Cory	Inertia Power I, LLC	Other Supplier
Cox, Bill	Exion Energy, Inc	Other Supplier
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Power	Electric Distributor
De Geeter, Ralph	Maryland Public Service Commission	Not Applicable
DeLosa, Joe	Delaware Public Service Commission	Not Applicable
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative Inc	Transmission Owner
Earl, Vickie	West Corp.	Not Applicable
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Egziabher Gebre, Gebre	Lantar Energy LLC	Other Supplier
Ellen Driscoll, Mary	PJM Interconnection, LLC	Not Applicable
Farber, John	Delaware Public Service Commission	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio	Not Applicable
Gell, Richard	Ontario Power Generation Inc.	Other Supplier
Goode, Cory	Yes Energy LLC	Not Applicable



Greening, Michele  
 Greiner, Gary  
 Griffiths, Dan  
 Halay, Alina  
 Harmon, Mike  
 Hastings, David  
 Hoatson, Tom  
 Hsia, Eric  
 James, Denise  
 Janicki, Diane  
 Johnson, Carl  
 Josyula, Siva  
 Keech, Jason  
 Kenney, Susan  
 Kilgallen, Kevin  
 Labij, Christina  
 Lacy, Catharine  
 Lee, Tina  
 Lejcar, Jamie  
 Li, Grace  
 Liang-Nicol, Cecilia  
 Logan, Sharon  
 Mariam, Yohannes  
 Mark, Simon  
 Marton, David  
 Mazzacano, Ed  
 McAdams, Julius  
 Midgley, Sharon  
 Miller, John  
 Norton, Chris  
 O'Connor, Siobhan  
 OLeary, Chris  
 Ondayko, Brock  
 Pakela, Gregory  
 Patel, Keyur  
 Patel, Munjal  
 Patten, Kevin  
 Peebles, Andy  
 Peoples, John  
 Pilog, Chris  
 Powers, Sean  
 Rajan, Abhijit  
 Reid, Ryan  
 Reuter, Rob  
 Robson, Matt  
 Rohrbach, John  
 Rutigliano, Thomas  
 Saini, Ishwar  
 Sasser, Jonathan  
 Schmatz, Peter  
 Schuyler, Ken  
 Scoglietti, Barbara  
 Sechrist, Erin

Talen Energy Marketing, LLC  
 PSEG Energy Resources and Trade, LLC  
 Pennsylvania Office of Consumer Advocate  
 Federal Energy Regulatory Commission (The)  
 Ameren Corporation  
 DHAST Co.  
 LS Power Development, LLC  
 PJM Interconnection, LLC  
 Dominion Energy Marketing, Inc  
 Boston Energy Trading and Marketing, LLC  
 Customized Energy Solutions, Ltd.\*  
 Monitoring Analytics, LLC  
 PJM Interconnection, LLC  
 PJM Interconnection, LLC  
 Emerald Energy Consulting, LLC  
 Acciona Energy North America Corporation  
 Virginia Electric & Power Company  
 Star West Generation, LLC  
 Allegheny Electric Cooperative, Inc.  
 Oncept Consulting Group  
 FirstEnergy Solutions Corp.  
 Federal Energy Regulatory Commission (The)  
 Office of the People's Council for the Dist of Columbia  
 Duke Energy Business Services LLC  
 FirstEnergy Solutions Corp.  
 PSEG  
 Unknown  
 Exelon Energy Company  
 Commonwealth Edison Company  
 American Municipal Power, Inc.  
 Energy Authority, Inc. (The)  
 PSEG  
 Appalachian Power Company  
 DTE Energy Trading, Inc.  
 PJM Interconnection, LLC  
 PSEG  
 Appalachian Power Company  
 Saracen Energy East, L.P.  
 Duquesne Light Company  
 PJM Interconnection, LLC  
 Linde Energy Services, Inc.  
 Virginia Electric & Power Company  
 ACES Power Marketing  
 Potomac Electric Power Company  
 SESCO Enterprises, LLC  
 ACES Power Marketing  
 Achieving Equilibrium LLC  
 Macquarie Energy, LLC  
 Customized Energy Solutions, Ltd.\*  
 PSEG  
 PJM Interconnection, LLC  
 Tangent Energy Solutions, Inc.  
 PJM Interconnection, LLC

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



# Draft Minutes

Semrau, Keith  
Shanker, Roy  
Sitarchyk, Mike  
Slade, Louis  
Snow, Robert  
Souder, Michelle  
Tacka, Natalie  
Thew, Carla  
Thompson, Matthew  
Tribulski, Jennifer  
Walter, Laura  
Weiss, Glenn  
Williams, Michael  
Wilmoth, Emily  
Wong, Bryant  
Wynn, Laura  
Yu, Joel

City of Cleveland, DPU, Div of Cleveland Public Power  
H.Q. Energy Services (U.S.), Inc.  
PJM Interconnection, LLC  
Virginia Electric & Power Company  
Federal Energy Regulatory Commission (The)  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
XO Energy MA, L.P.  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
Black Oak Energy, LLC  
Virginia Electric & Power Company  
ABB Network Management  
Stone, Mattheis, Xenopoulos, & Brew, PC  
Rockland Electric Company

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

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