

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
November 7, 2018
9:00 a.m. – 4:00 p.m. EPT

Administration

1. Ms. Bhavana Keshavamurthy and Ms. Chantal Hendrzak provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, the WebEx Participant Identification Requirements.

The Committee approved the draft minutes from the October 10, 2018 MIC meeting **with 0 objections and 0 abstentions.**

Mr. Brian Chmielewski, PJM informed the members that PJM will resume discussions on the topics that were discussed at the FTR Risk Management Workshop once the recommendations from the Special Board Committee are final. At that time, PJM will re-engage the MIC to develop a Problem Statement and Issue Charge to address any recommendations that may impact FTR business rules.

Endorsements/Approvals

2. Day Ahead Market Timeline Update

Mr. Keyur Patel, PJM, presented the conforming Manual 11 changes related to the changes to the Day Ahead Timeline. The tariff changes for the same topic were brought through at the September MIC and were endorsed at the September MRC/MC.

The Committee endorsed the manual revisions with 0 objections and 0 abstentions.

3. Biennial Review of Manual 27

Mr. Ray Fernandez, PJM, presented Manual 27 changes as part of the Biennial Review.

The Committee endorsed the manual revisions with 0 objections and 0 abstentions.

4. Must Offer Exception Process

A. Ms. Susan McGill, PJM presented education on transfer of Capacity Interconnection Rights.

B. Mr. Pat Bruno, PJM, presented the PJM package

C. Ms. Alexandra Salaneck, Monitoring Analytics, presented the updated IMM package.

[Issue Tracking: Must Offer Exemption Process](#)

The PJM package passed with 173 in favor (79%), 45 opposed (21%) and 17 abstentions and will move to the MRC as the main motion.

The IMM package failed with 52 in favor (22%), 188 opposed (78%) and 13 abstentions.

The committee also preferred the PJM Package over Status Quo with 164 in favor (78%) and 45 opposed (22%) and 14 abstentions.

5. FTR Forfeiture Rule

- A. Mr. Brian Chmielewski, PJM, presented Package A.
- B. Mr. Chris Carpenter, VECO presented Package B.
- C. Mr. Seth Hayik, Monitoring Analytics, reviewed IMM's comments on the issue.

[Issue Tracking: FTR Forfeiture Rule Changes](#)

Package A is failed with 132 in favor (48%), 141 opposed (52%) and 17 abstentions.

Package B passed with 224 in favor (85%), 38 opposed (15%) and 12 abstentions and will move to the MRC as the main motion.

The committee also preferred Package B over Status Quo with 190 in favor (74%) and 67 opposed (26%) and 13 abstentions.

6. Gas Pipeline Contingencies

- A. Mr. Rich Brown, PJM, presented Package A(Calpine) and Package B(PJM).
- B. Ms. Marji Philips, Direct Energy, presented Package C.

After reviewing the packages, the ensuing discussion led to the development of a fourth package and modification of the to the first three. The morning vote was postponed to allow stakeholders and package sponsors to discuss alternatives as the meeting broke for lunch. The meeting returned to this voting item after the First Readings. The package sponsors and other interested stakeholders revised the original three packages and added a fourth package for consideration. An updated matrix was posted and the committee voted on all four packages.

[Issue Tracking: Gas Pipeline Contingencies](#)

Package A (Calpine) passed with 109 in favor (75%), 37 opposed (25%) and 19 abstentions and will move to the MRC as the main motion.

Package B(PJM) failed with 62 in favor (36%), 108 opposed (64%) and 32 abstentions.

Package C(Direct Energy) failed with 71 in favor (42%), 98 opposed (58%) and 48 abstentions.

Package D(PJM2) failed with 68 in favor (40%), 102 opposed (60%) and 33 abstentions.

The committee also preferred Package A(Calpine) over Status Quo with 129 in favor (99%), 1 opposed(1%) and 23 abstentions.

First Readings

7. FTR Market to Auction Credit Requirements

- A. Ms. Bridgid Cummings, PJM presented the Market to Auction proposals.
- B. Mr. James Ramsey, Suffolk Fund, presented Mark to Auction proposals H and H'.

[Issue Tracking: FTR Market to Auction Credit Requirements](#)

The committee will be asked to vote on the packages at the December MIC.

Additional Items

8. **PJM.com Web Based Agreements**

Ms. Tawnya Luna, PJM presented an informational update on PJM.com web-based agreements and the new Manual links feature.

9. **Electric Storage Participation FERC Order 841**

Ms. Danielle Croop, PJM presented education on how battery resources could participate in the Day-Ahead Market.

[Issue Tracking: Electric Storage Participation FERC Order 841](#)

10. **Significant Extended Winter Outages**

Mr. Lagy Mathew, PJM provided an overview of significant extended transmission outages scheduled over the Winter 2018/19.

Informational Section

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](#).

Interregional Coordination Update

Materials are posted as informational only.

Market Settlements Subcommittee (MSS)

Meeting materials are posted to the [MSS web site](#).

Report on Market Operations

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

Future Meeting Dates

December 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
January 9, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
February 6, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
March 6, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
April 10, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 15, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 12, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Bhavana Keshavamurthy

In-Person Meeting Attendees

Hendrzak, Chantal (Chair)	PJM Interconnection, LLC	Not Applicable
Keshavamurthy, Bhavana (Secretary)	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Boyle, Glenn	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables, North	Other Supplier
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Carpenter, Chris	Veco Power Trading, LLC	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Cummings, Bridgid	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
DeVita, Thomas	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foldare, Kenneth	Tangible	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Christian	PBF Power Marketig	Generation Owner
Giacomoni, Anthony	PJM Interconnection, LLC	Not Applicable
Greening, Michele	PJM Interconnection, LLC	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Horton, Dana	Appalachian Power Company	Transmission Owner
Hyzinski, Tom	GT Power Group	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Lu, Chenchao	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNeese Wallace & Nurick LLC	Not Applicable
McGlynn, Paul	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Pratzon, David	GT Power Group	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Stotesbury, Christina	PJM Interconnection, LLC	Not Applicable
Sweeney, Rory	RTO Insider	Not Applicable
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Tyler, Catherine	Monitoring Analytics	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable

Webex Meeting Attendees

Names	Company Name	Sector
Abend, Erik	Erik Abend Consulting	Not Applicable
Aguilar, Fabiano	Strom Power, LLC	Other Supplier
Anderson, Jared	SPG Global	Not Applicable
Bazar, Kevin	PJM Interconnection, LLC	Not Applicable
Bickerstaff, Dean	Hartree Partners, LLC	Other Supplier
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Brown, William	VECO Power Trading	Not Applicable
Bruno, Joshua	PJM Interconnection, LLC	Not Applicable
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carnean, Greg	OPSI	Not Applicable
Chen, Hong	PJM Interconnection, LLC	Not Applicable
Christopher, Mahila	Ohio Public Utility Commission	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Clark, Barrett	DC Energy	Other Supplier
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Cockrell, Justin	VECO Power Trading	Other Supplier
Cox, Jason	EDF Energy Services	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
DeLosa, Joe	NJ Board of Public Utilities	Not Applicable
Dentz, Morgan	DC Energy	Other Supplier
DePillo, Ray	PSEG Energy Resources and Trade LLC	Transmission Owner
Diiorio, Michelle	PSEG Energy Resources and Trade LLC	Transmission Owner
Dillon, Matt	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Duensing, Allison	Saracen Energy	Other Supplier
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fares, Robert	FERC	Not Applicable
Feller, John	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gondek, John	PSEG Energy Resources and Trade LLC	Generation Owner
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Greco, Steven	NextEra Energy Marketing, LLC	Other Supplier
Guler, Teoman	Roscommon Analytics	Not Applicable
Guntle, Vince	UGI Development Company	Generation Owner
Harmon, Mike	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings, David	Market Interconnection LLC	Not Applicable
Hoatson, Tom	LS Power	Not Applicable
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Huntoon, Stephen	NextEra Energy Power Marketing, LLC	Generation Owner
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kharod, Ankit	PJM Interconnection, LLC	Not Applicable
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Klein, Abram	Appian Way Energy	Other Supplier
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Laymon, Angelita	FirstEnergy Solutions Corp.	Transmission Owner
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor

Liang-Nicol, Cecilia
 Libbos, Robin
 Lieberman, Steve
 Little, John
 Long, Matthew
 Long, Sharon
 Loew, Connie
 Mariam, Yohannes
 Markiewicz, Cindy
 Martin, Aaron
 Martin, Valerie
 Matsuzak,Alex
 Matzen,Jeff
 Miller, John
 Monzon, Stephanie
 Morelli, Lisa
 O'Boyle, Brian
 Pakela, Gregory
 Pakula,Maggie
 Park, Jinny
 Pelletier, Eveline
 Picarelli, David
 Raghavan, Vijay
 Ramsey, James
 Reams, William
 Robson, Matt
 Rohrbach, John
 Saini, Ishwar
 Sasser, Jonathan
 Schmitt, Jeff
 Schuyler, Ken
 Shanker , Roy
 Sillin, John
 Sock, Brian
 Stancombe, Corey
 Stone, Andy
 Sturgeon, John
 Tangirala, Subha
 Thompson, Matthew
 Toomey, Megan
 Ward, Michael
 Warshel, Kim
 Wilhite, Chad
 Wilmoth ES, Emily
 Wisersky,Megan
 Xu,Xu

Monongahela Power Company d/b/a Allegheny Power
 FirstEnergy Solutions Corp.
 American Municipal Power, Inc.
 North Carolina Utilities Commision
 Appalachian Power Company
 FERC
 Dominion Virginia Power
 Office of the Peoples Counsel for the District of Columbia
 FirstEnergy Solutions Corp.
 CMS Energy Resource Management Company
 The Federal Energy Regulatory Commission
 UGI Eney Services
 Dominion Energy
 Commonwealth Edison Company
 PJM Interconnection, LLC
 PJM Interconnection, LLC
 Consolidated Edison Solutions, Inc.
 DTE Energy Trading, Inc.
 Invenergy, LLC
 PJM Interconnection, LLC
 Hydro-Quebec
 PJM Interconnection, LLC
 BioUrja Power, LLC
 Suffolk Fund LLC
 CCS Energy
 SESCO Enterprises LLC
 Southern Maryland Electric Cooperative
 Macquarie Energy
 Customized Energy Solutions, Ltd.*
 PJM Interconnection, LLC
 PJM Interconnection, LLC
 H.Q. Energy Services (U.S.), Inc.
 The Federal Energy Regulatory Commission
 Public Service Electric & Gas Company
 Duke Energy
 PJM Interconnection, LLC
 Duke Energy Carolinas, LLC
 ABB
 XO Energy MA
 Talen Energy Marketing, LLC
 PJM Interconnection, LLC
 PJM Interconnection, LLC
 FirstEnergy Solutions Corp.
 Dominion Virginia Power
 Madison Gas & Electric Co.
 PJM Interconnection, LLC

Transmission Owner
 Transmission Owner
 Electric Distributor
 Not Applicable
 Transmission Owner
 Not Applicable
 Not Applicable
 End User Customer
 Transmission Owner
 Other Supplier
 Not Applicable
 Other Supplier
 Transmission Owner
 Transmission Owner
 Not Applicable
 Not Applicable
 Transmission Owner
 Other Supplier
 Generation Owner
 Not Applicable
 Not Applicable
 Not Applicable
 Other Supplier
 Other Supplier
 Other Supplier
 Other Supplier
 Electric Distributor
 Other Supplier
 Not Applicable
 Not Applicable
 Not Applicable
 Other Supplier
 Not Applicable
 Transmission Owner
 Transmission Owner
 Not Applicable
 Other Supplier
 Not Applicable
 Transmission Owner
 Not Applicable
 Other Supplier
 Not Applicable