

Market Implementation Committee  
PJM Conference & Training Center, Audubon, PA  
August 8, 2018  
9:00 a.m. – 2:45 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 Requirement, and [Issue Tracking](#).

The Committee approved the draft minutes from the July 11, 2018 MIC meeting **by acclamation with 0 objections and 0 abstentions.**

- A. Ms. Suzanne Daugherty, PJM, provided an update on FTR Default, Credit Policy Enhancements and Liquidation Process.
- B. Mr. Adam Keech, PJM, provided an update on an issue causing regulation market clearing price spikes. PJM will bring a problem statement/issue charge to the next MIC meeting to address this issue.

## Endorsements/Approvals

2. **Market Seller Offer Cap Balancing Ratio Proposal**
  - A. Mr. Pat Bruno, PJM, presented Proposal A.
  - B. Mr. Pat Bruno, PJM, presented Proposal B and stated that PJM was withdrawing support of this package. Mr. Dave Mabry, on behalf of the PJM Industrial Customer Coalition, agreed to sponsor this package.
  - C. Ms. Sharon Midgley, Exelon, presented the Exelon proposal.
  - D. Mr. David Scarpignato, Calpine, withdrew the Calpine proposal.
  - E. Joe Bowring, Monitoring Analytics, presented the IMM proposal.

The committee voted on 4 packages.

The Committee endorsed Package A (PJM) with 207 (88%) in favor, 28 (12%) opposed, and 20 abstentions.

The Committee did not endorse Package B (PJM Industrial Customer Coalition) with 20 (9%) in favor, 200 (91%) opposed and 25 abstentions.

The Committee did not endorse Package D (IMM) with 5 (2%) in favor, 195 (98%) opposed and 34 abstentions.

The Committee did not endorse Package E (Exelon) with 71 (36%) in favor, 125 (64%) opposed and 50 abstentions.

The committee also preferred Package A over status quo with 112 (69%) in favor, 50 (31%) opposed, and 57 abstentions.

Package A will move as the main motion to the August MRC.

[Issue Tracking: Balancing Ratio Determination](#)

### 3. Quadrennial Review

Mr. Jeff Bastian, PJM, reviewed package polling results from the survey sent on July 31. The committee voted on 4 packages.

The Committee did not endorse Package A (PJM) with 75 (39%) in favor, 115 (61%) opposed, and 22 abstentions.

The Committee did not endorse Package B (IMM) with 20 (10%) in favor, 186 (90%) opposed and 17 abstentions.

The Committee endorsed Package C (Calpine) with 170 (77%) in favor, 51 (23%) opposed and 14 abstentions.

The Committee did not endorse Package D (OPC-D) with 20 (10%) in favor, 185 (90%) opposed and 15 abstentions.

All 4 packages will be voted again at the August MRC.

[Issue Tracking: Quadrennial Review](#)

## First Readings

### 4. Fuel Cost Policy - Problem Statement & Issue Charge

Mr. John Rohrbach, ACES Power, on behalf of SMECO, ODEC and PPGI presented a problem statement and issue charge to address enhancements to the Fuel Cost Policy rules and process. The committee will be asked to approve the problem statement and issue charge at the next MIC.

### 5. RPM Credit Requirement Reduction Clarifications

Mr. Hal Loomis, PJM, presented draft tariff language to remove an apparent overlapping credit reduction provision for Qualified Transmission Upgrades, to clarify milestone documentation requirements for internally financed projects, and to clarify that Capacity Market Sellers should submit requests for reductions. The committee will be asked to approve the tariff language at the next MIC.

### 6. Transmission Constraint Penalty Factor

Mr. Angelo Marcino, PJM, provided a first read of the joint PJM/IMM package developed at the Special MIC Sessions to address the Transmission Constraint Penalty Factors issue. The committee will be asked to vote on this package at the next MIC.

[Issue Tracking: Transmission Penalty Factor](#)

### 7. FERC Order 831 – Offer Caps

Ms. Susan Kenney, PJM, presented draft manual language that describes the long term automated process for Price-Based Offers greater than \$1,000/MWh. The committee will be asked to endorse the manual changes at the next MIC.

### 8. Biennial Review of Manual 15

Ms. Gabrielle Genuario, PJM, reviewed updates to Manual 15 as part of the Biennial Review. The committee will be asked to endorse the Manual language at the next MIC.

## Working Issues

### 9. **Must Offer Exception Process**

Mr. Pat Bruno, PJM, reviewed the Must Offer Exception Process issue and stakeholder feedback to include additional options and packages for consideration was requested.

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

### 10. **FTR Forfeiture Rule**

Mr. Brian Chmielewski, PJM, presented follow up education on the FTR Forfeiture rule. An updated FTR Forfeiture Rule Matrix was posted and members are encouraged to review and provide additional interests and design components to [FTRGroup@pjm.com](mailto:FTRGroup@pjm.com).

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

## Additional Items

### 11. **FERC Order 844: Uplift Cost Allocation and Transparency**

Mr. Rami Dirani, PJM, presented Operating Agreement language for compliance with FERC Order 844.

[Issue Tracking: Market Operations Price Transparency](#)

### 12. **CP Unit Specific Parameter Update**

Ms. Lauren Strella, PJM, provided an update on the CP Unit Specific Parameter process for the Delivery Year 2019/2020 and the soak time parameter integration.

## Informational Section

### **Membership Management Community: Contact Management update**

PJM's new [Contact Management](#) feature in the Membership Management Community is scheduled to be released in late August. Access to the new feature will be provided to Contact Managers for each member. As a reminder, Contact Managers can use the new feature to review and provide contacts for certain member level roles that have been identified by PJM. Additional information, including instructions for accessing and using the tool, will be presented at the August Tech Change Forum and provided to Contact Managers via email. An update will also be provided at September committee meetings. For more information on this community or the Contact Management feature, please contact [membershipforms@pjm.com](mailto:membershipforms@pjm.com).

### **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

September 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 10, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 7, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx

### 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
Auerbach, Daniel	Direct Energy Business	Other Supplier
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
Greening, Michele	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski, Tom	GT Power Group	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable

Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
O'Boyle, Brian	Rockland Electric Company	Transmission Owner
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Pilong, Melissa	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina	PJM Interconnection, LLC	Not Applicable
Strella, Lauren	PJM Interconnection, LLC	Not Applicable
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Sweeney, Rory	RTO Insider	Not Applicable
Thomas, Glen	GT Power Group	Not Applicable
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

## Webex Meeting Attendees

Abdur-Rahman, Muhsin	ABB	Not Applicable
Agarwal, Dilip	GRG Energy	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Alfayyumi, Mohammed	Dominion Energy	Transmission Owner
Anderson, Jared	SPG Global	Not Applicable
Azar, Abe	DB Energy Trading, LLC	Not Applicable
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Bazar, Kevin	PJM Interconnection, LLC	Not Applicable
Bennett, Stephen	PJM Interconnection, LLC	Not Applicable
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Bickerstaff, Dean	Hartree Partners, LLC	Other Supplier
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Brown, William	VECO Power Trading	Not Applicable
Bruno, Joshua	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Burdis, Tim	PJM Interconnection, LLC	Not Applicable
Bush, Douglas	IMG Midstream LLC	Generation Owner
Callaghan, Chris	PJM Interconnection, LLC	Not Applicable
Canchi, Devendra	Monitoring Analytics, LLC	Not Applicable
Carnean, Greg	OPSI	Not Applicable
Carmell, Matt	Scylla Energy, LLC	Other Supplier
Cawley, Troy	PJM Interconnection, LLC	Not Applicable
Chandler, Kent	Public Utilities Commission of Kentucky	Not Applicable
Chintapalli, Raj	BP Energy Company	Power Marketer
Cicero, Nick	FirstEnergy Solutions Corp.	Transmission Owner
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Cook, Michael	Appalachian Power Company	Transmission Owner
Crystle, Gil	UGI Development Company	Transmission Owner
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, Jim	Dominion Energy	Transmission Owner
DeLosa, Joe	NJ Board of Public Utilities	Not Applicable
Diiorio, Michelle	PSEG Energy Resources and Trade LLC	Transmission Owner



Dillon, Matt	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dorko, Keri	Monitoring Analytics, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Engle, Andrew	XO Energy MA	Other Supplier
Feller, John	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gerlach, Kate	PSEG Energy Resources and Trade LLC	Other Supplier
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Giraldo, Juan	Monitoring Analytics, LLC	Not Applicable
Gokhale, Manali	DC Energy Mid-Atlantic, LLC	Other Supplier
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Griffin, Steve	DC Energy LLC	Other Supplier
Guntle, Vince	UGI Development Company	Generation Owner
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Mike	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings, David	Market Interconnection LLC	Not Applicable
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Heinle, Erik	D.C. Office of the People's Counsel	Not Applicable
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Hoatson, Tom	LS Power	Not Applicable
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Holland, Cynthia	New Jersey Board of Public Utilities	Not Applicable
Hollis, Gabriel	NextEra Energy Transmission, LLC	Other Supplier
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen, Kevin	Avangrid Renewables, LLC	Generation Owner
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Lin, Jiadong	DC Energy, LLC	Other Supplier
LOWE, CONNIE	Dominion Virginia Power	Not Applicable
Luna, Joel	Monitoring Analytics, LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Ondayko, Brock	Appalachian Power Company	Transmission Owner
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Rajan, Abhijit	Dominion Resources	Not Applicable
Ramsey, James	Suffolk Fund LLC	Other Supplier
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Russo, Michael	Monitoring Analytics, LLC	Not Applicable



# Draft Minutes

Salaneck, Alexandra  
Sasser, Jonathan  
Schneider, Jonathan  
Shah, Vijay  
Shanker, Roy  
Sillin, John  
Singer, Chad  
Steele, Robert  
Stern, Alexander  
Stone, Andy  
Sturgeon, John  
Tangirala, Subha  
Tibbetts, Maeve  
Tsao, Stephanie  
Walter, Laura  
Ward, Michael  
Warshel, Kim  
Wilhite, Chad  
Wilkie, Brian  
Wilmoth ES, Emily  
Wilson, James

Monitoring Analytics, LLC  
Customized Energy Solutions, Ltd.\*  
FirstEnergy Solutions Corp.  
PJM Interconnection, LLC  
H.Q. Energy Services (U.S.), Inc.  
The Federal Energy Regulatory Commission  
Fellon McCord  
Sanitas Power, LLC  
Public Service Electric & Gas Company  
PJM Interconnection, LLC  
Duke Energy Carolinas, LLC  
ABB  
Pierce Atwood  
SPGlobal  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
FirstEnergy Solutions Corp.  
Consolidated Edison Solutions, Inc  
Dominion Virginia Power  
Wilson Energy Economics

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