

**Market Implementation Committee**  
**PJM Conference & Training Center, Audubon, PA**  
**August 9, 2017**  
**9:00 a.m. – 2:50 p.m. EPT**

## Administration

1. Ms. Christina Stotesbury, PJM, provided announcements and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. The committee approved the draft minutes from the July 12, 2017 Market Implementation Committee meeting by acclamation with 0 objections and 0 abstentions.
3. Ms. Christina Stotesbury, PJM, addressed the number of active MIC issues on [Issue Tracking](#) and asked if there were any objections to closing out MIC issues that have been on-hold.  
**The committee voted by acclamation to close out the [Energy Scheduling](#) and [Financial Transmission Rights Forfeiture Rule Review](#) issues with 0 objections and 0 abstentions.**  
The other proposed issue to close, Spot-in Transmission Service for Energy Imports from NYISO, was requested to remain on-hold in Issue Tracking as it was only recently put on-hold.

Mr. Hal Loomis, PJM, encouraged participation in the August 11 Credit Subcommittee meeting, and indicated that the meeting will include both a presentation on the use of PROMOD simulations for certain FTR credit requirements, and a discussion of whether to close out or continue discussion of the increment/decrement credit requirement problem statement and issue charge.

## Endorsements/Approvals

4. **Manual 11 Revisions for Intraday Offers**
  - A. Ms. Lisa Morelli, PJM, reviewed updated conforming revisions to Manual 11: Energy & Ancillary Services, associated with the implementation of Intraday Offers.
  - B. Mr. Joel Luna, Monitoring Analytics, presented concerns related to the conforming Manual 11 revisions. Due to concerns discussed, PJM deferred the endorsement of Manual 11 revisions for Intraday Offers to the September MIC. In the meantime, PJM and Monitoring Analytics will work to close the gap on the concerns and identify a path forward, which could include proposed Tariff and additional manual language changes.
5. **Governing Document Revisions for PJM-MISO CTS**
  - A. Mr. Michael Olaleye, PJM, reviewed conforming revisions to Manual 11: Energy & Ancillary Services, associated with Coordinated Transaction Scheduling.
  - B. Mr. Bhushan Dhuri, PJM, reviewed revisions to the Regional Transmission and Energy Scheduling Practices document.**The committee endorsed the Manual 11 and Regional Transmission and Energy Scheduling Practices document revisions by acclamation with 0 objections and 7 abstentions.**

6. **Governing Document Revisions to the Limitation on Claims**

Mr. Steve Shparber, PJM, reviewed updated revisions to the Tariff and Operating Agreement related to the Limitation on Claims that were revised since the July MIC. **The committee endorsed the governing document revisions with 0 objections and 2 abstentions.**

7. **Transmission Penalty Factors – Problem Statement and Issue Charge**

Dr. Joe Bowring, Monitoring Analytics, reviewed a problem statement and issue charge associated with Transmission Penalty Factors. **The committee approved the problem statement and issue charge by acclamation with 0 objections and 0 abstentions.** Education on this issue will be presented in October.

8. **Market Path/Interface Pricing Point Alignment – Problem Statement and Issue Charge**

Dr. Joe Bowring, Monitoring Analytics, reviewed a problem statement and issue charge associated with Market Path/Interface Pricing Point Alignment. **The committee approved the problem statement and issue charge by acclamation with 2 objections and 7 abstentions.** Education and discussion on this issue will be presented in September.

9. **Annual Revenue Requirements for new Black Start Units – Phase 2**

The committee was notified during the Administrative updates that the vote to endorse Phase 2 of the Annual Revenue Requirements issue addressing Minimum Tank Suction Levels was deferred until the September MIC to allow PJM and the IMM to continue to discuss the optimal solution for endorsement. Mr. Tom Hauske, PJM, was available to answer questions. The Committee will be asked to endorse the proposed solution in September.

## First Readings

10. **Manual 6 Revisions for FTR Forfeiture revisions**

Mr. Brian Chmielewski, PJM, presented a first read of Manual 6: Financial Transmission Rights revisions associated with FTR Forfeitures. The committee will be asked to endorse the revisions at the September MIC meeting.

11. **Manual 11 Revisions for Order 831 and Energy Offer Verification**

A. Mr. Rami Dirani, PJM, presented a first read of Manual 11: Energy and Ancillary Services Market Operations revisions associated with the offer verification process for the implementation of Order 831: Energy Offer Verification.

B. Dr. Catherine Tyler, Monitoring Analytics, presented concerns related to the Manual 11 revisions to implement the verification process for offers greater than \$1,000/MWh.

Due to concerns discussed, PJM and Monitoring Analytics will work to close the gap on the concerns, and plan to present a second first read of the Manual 11 changes during the September MIC.

12. **Manual 28 Revisions for Intraday Offers**

Mr. Ray Fernandez, PJM, presented a first read of Manual 28: Operating Agreement Accounting revisions associated with the implementation of Intraday Offers. The committee will be asked to endorse the revisions at the September MIC meeting.

## Additional Updates

### 13. 2017 Stakeholder Satisfaction Survey

Ms. Janell Fabiano, PJM, provided an announcement on the 2017 Stakeholder Satisfaction Survey.

### 14. Fuel Cost Policy Annual Review Update

A. Mr. Jeff Schmitt, PJM, provided an update on the Fuel Cost Policy Annual Review period.

B. Mr. Joel Luna, Monitoring Analytics, provided an update on Fuel Cost Policy Annual Review.

### 15. Order 825: Shortage Pricing Update

Ms. Lisa Morelli, PJM, provided an update on the shortage pricing data request and reviewed results of the change to shorten the Real Time Security Constrained Economic Dispatch (SCED) look-ahead interval to 10 minutes.

### 16. Net Energy Injections Quarterly Report

Ms. Jennifer Warner-Freeman, PJM, reviewed the second quarter 2017 Net Energy Injections report.

## 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](#).

### Inter-Regional Coordination Activity

Mr. Tim Horger, PJM, was available to answer questions on Inter-Regional Coordination efforts. Materials were 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 13, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
October 11, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
November 8, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center
December 13, 2017	9:00 a.m.	PJM Interconnection – Conference & Training Center

## Meeting Attendees

Hendrzak, Chantal (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Benner, Scott	PJM Interconnection, LLC	Not Applicable
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Borgatti, Mike	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Crystal, Gil	UGI Development Company	Transmission Owner
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Daly, Michael	PJM Interconnection, LLC	Not Applicable
Dhuri, Bhushan	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Langbein, Peter	PJM Interconnection, LLC	Not Applicable
Loomis, Hal	PJM Interconnection, LLC	Not Applicable
Lowe, Connie	Dominion Virginia Power	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
McLaughlin, Jeffrey	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mooney, Catherine	Monitoring Analytics, LLC	Not Applicable
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable

Pacella, Chris	PJM Interconnection, LLC	Not Applicable
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Poulos, Greg	CAPS	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Romero-Luna, Joel	Monitoring Analytics, LLC	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Shparber, Steve	PJM Interconnection, LLC	Not Applicable
Smith, Melissa	PJM Interconnection, LLC	Not Applicable
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Sweeney, Rory	RTO Insider	Not Applicable
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Velasco, Cheryl Mae	PJM Interconnection, LLC	Not Applicable
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Wadsworth, Joe	Vitol Inc.	Other Supplier
Wilkie, Brian	Consolidated Edison Solutions, Inc.	Transmission Owner
Wilson, Bram	PBE Power	Generation Owner

## In Attendance via WebEx / Teleconference

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bazar, Kevin	PJM Interconnection, LLC	Not Applicable
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Borradaile, Mike	PJM Interconnection, LLC	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Britt, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Cocco, Mike	Old Dominion Electric Cooperative	Electric Distributor
Cockrell, Justin	Energy Authority, Inc. (The)	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Utilities, Inc.	Transmission Owner
D'Antonio, Phil	PJM Interconnection, LLC	Not Applicable
Dasher, Brett	Energy Authority, Inc. (The)	Other Supplier
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
DePillo, Ray	Public Service Electric & Gas Company	Transmission Owner

Dillon, Matt	UGI Utilities, Inc.	Transmission Owner
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Doolittle, Robin	Royal Bank of Canada	Other Supplier
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ellen Driscoll, Mary	PJM Interconnection, LLC	Not Applicable
Endress, Eric	PJM Interconnection, LLC	Not Applicable
Engelby, Ben	ACES Power Marketing	Not Applicable
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Fox, Angela	Wylan Energy, L.L.C.	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gorman, Kevin	Highlands Energy Group	Other Supplier
Greening, Michele	PPL Electric Utilities Corp.	Transmission Owner
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Halay, Alina	Federal Energy Regulatory Commission (The)	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Mike	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings, David	D Hast Co	Not Applicable
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Holland, Cynthia	New Jersey Board of Public Utilities	Not Applicable
Horning, Lynn	LMH Energy	Not Applicable
Horton, Dana	Appalachian Power Company	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hudson, Wesley	Dominion Virginia Power	Not Applicable
Hugee, Jacquelynn	PJM Interconnection, LLC	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jett, William	Duke Energy Business	Generation Owner
Jones, Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Keeney, Jerry	Dynergy Marketing & Trade, LLC	Generation Owner
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kormos, Mike	Exelon Generation Co., LLC	Generation Owner
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
LaRocque, Matt	PJM Interconnection, LLC	Not Applicable
Leasure, Jill	GenOn Energy Management, LLC	Generation Owner
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Logan, Sharon	The Federal Energy Regulatory Commission	Not Applicable
Lowe, Connie	Dominion Virginia Partners, Inc.	Other Supplier

Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End Use Customer
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Valerie	Federal Energy Regulatory Commission (The)	Not Applicable
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Patten, Kevin	Appalachian Power Company	Transmission Owner
Phillips, Amanda	Wabash Valley Power	Electric Distributor
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Powers, Sean	Linde Energy Services, Inc.	End Use Customer
Price, Ruth	Division of the Public Advocate of the State of DE	End Use Customer
Rajan, Abhijit	Dominion Resources	Not Applicable
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Rohrbach, John	Southern Maryland	Electric Distributor
Ruck, Andrew	PSEG Energy Resources and Trade, LLC	Other Supplier
Schweizer, David	PJM Interconnection, LLC	Not Applicable
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Slagel, Ron	MICS	Not Applicable
Stadlmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Stone, Andy	Unknown	Not Applicable
Thomson, Heather	Mid-Atlantic Renewable Energy	Not Applicable
Tibbetts, Maeve	Pierce Atwood	Not Applicable
Tsao, Stephanie	SPGlobal	Not Applicable
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Weiss, Glenn	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Wilson, Sam	International Motor Press	Not Applicable
Wunderlich, David	Royal Bank of Canada	Other Supplier
Yu, Joel	Rockland Electric	Transmission Owner

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