

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
July 11, 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, and Public Meetings/Media Participation guidelines, the WebEx Participant Identification Requirement, and [Issue Tracking](#).

Mr. Ray Fernandez, PJM, provided an update on the settlements impacts of FERC EL05-121-009.

2. The Committee **approved** the draft minutes from the June 6, 2018 MIC meeting by acclamation with 0 objections and 0 abstentions.

Endorsements/Approvals

3. **Governing Document Revisions for Seasonal Demand Response Registration**

Ms. Andrea Yeaton, PJM, and Ms. Terri Esterly, PJM, reviewed revisions to Manual 18: PJM Capacity Market, the Open Access Transmission Tariff (OATT) and the Reliability Assurance Agreement (RAA) associated with the registration process for aggregated seasonal Demand Response resources.

The Committee endorsed the Manual 18, OATT and RAA revisions by acclamation with 0 objections and 0 abstentions.

[Issue Tracking: Seasonal Demand Response Registration](#)

4. **FTR Credit Proposal**

Ms. Bridgid Cummings, PJM, reviewed two FTR Credit proposals developed at the Credit Subcommittee (CS), and the associated OATT revisions. Mr. Bruce Bleiweis, DC Energy proposed a friendly amendment to PJM package A, but PJM did not consider the amendment friendly. Mr. Bleiweis made a motion to consider the amendment as Package C, and the motion was seconded by Mr. Bob O'Connell, PPGI. The Committee voted on all three packages.

The Committee endorsed Package A (PJM) with 208 (95%) in favor, 12 (5%) opposed, and 21 abstentions.

The Committee did not endorse Package B (PJM) with 77 (35%) in favor, 141 (65%) opposed and 15 abstentions.

The Committee did not endorse Package C (DC Energy) with 51 (44%) in favor, 66 (56%) opposed and 119 abstentions.

The committee also preferred Package A over status quo with 193 (92%) in favor, 16 (8%) opposed, and 11 abstentions. Package A will move as the main motion to the July MRC.

[Issue Tracking: FTR Credit Enhancements](#)

First Readings

5. **Market Seller Offer Cap Balancing Ratio Proposal**

Mr. Pat Bruno, PJM, presented a first read of two draft proposals to address the Offer Cap Balancing Ratio issue. Ms. Sharon Midgely, Exelon, presented the Exelon proposal, and Mr. David Scarpignato, Calpine, presented the Calpine proposal. The Committee will be asked to endorse a proposal at the August MIC.

[Issue Tracking: Balancing Ratio Determination](#)

Working Issues

6. **FERC Order 831 – Offer Caps**

Ms. Susan Kenney, PJM, provided more information regarding Price-Based Offers greater than \$1,000/MWh as requested at the May 24 MRC meeting.

7. **Quadrennial Review**

Mr. Rich Brown, PJM, provided an overview of the Quadrennial Review schedule update. Mr. Jeff Bastian, PJM, reviewed the impact of Net E&AS Offset Recommendations.

8. **Variable Operations & Maintenance (VOM) Costs**

Ms. Suzanne Daugherty, PJM, provided a recap of why the VOM issue was brought back to the MIC for further discussion. Four VOM packages were reviewed by the package sponsors in the order in which they will be voted on at the July 26 MRC for endorsement.

- A. Mr. Brock Ondayko, AEP, reviewed the VOM default package which included the friendly amendment endorsed at the June MRC.
- B. Ms. Melissa Pilog, PJM, reviewed the PJM VOM package.
- C. Dr. Catherine Tyler, Monitoring Analytics, and Mr. Joel Luna, Monitoring Analytics, reviewed the IMM package.
- D. Mr. Brian Wilkie, RECO, reviewed the RECO VOM package.

Additional Updates

9. **FERC Order 844: Uplift Cost Allocation and Transparency**

Mr. Rami Dirani, PJM, provided a summary of FERC Order 844, and PJM's implementation plan.

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

10. **Must Offer Exception Process**

Mr. Pat Bruno, PJM, reviewed the Must Offer Exception Process issue and reviewed Stakeholder feedback.

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

11. **FTR Forfeiture Rule**

Mr. Brian Chmielewski, PJM, reviewed the posted FTR Forfeiture Rule Matrix. Members are encouraged to review and provide additional interests and design components to FTRGroup@pjm.com.

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

Informational Section

12. Problem Statement & Issue Charge – Fuel Requirements for Black Start Resources

Mr. David Schweizer, PJM, was available to answer questions related to the problem statement and issue charge to address Fuel Requirements for Black Start Resources. This issue will be worked in conjunction with the Operating Committee (OC).

13. PJM.com Data Retirements

Mr. Tom Zadlo, PJM, was available for questions related to Data Retirements on pjm.com.

14. Dominion Carolina 54 RAS/SPS Retirement

Mr. Craig Crider, Dominion, posted materials regarding the retirement of the Carolina 54 RAS/SPS.

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

August 8, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
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
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Beban, Madalyn	PJM Interconnection, LLC	Not Applicable
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner

Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Endress, Eric	PJM Interconnection, LLC	Not Applicable
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Fuess, Christian	Other	Not Applicable
Greening, Michele	PJM Interconnection, LLC	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Keshavamurthy, Bhavana	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
LOWE, CONNIE	Dominion Virginia Power	Not Applicable
Lu, Chenchao	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Manion, Evelyn	PJM Interconnection, LLC	Transmission Owner
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Nix, Emma	PJM Interconnection, LLC	Not Applicable
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Pilong, Melissa	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
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
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Sweeney, Rory	RTO Insider	Not Applicable
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Turkaly, Joy	PIOGA	Not Applicable
Tyler, Catherine	Monitoring Analytics	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Wilkie, Brian	Rockland Electric Company	Transmission Owner
Yeaton, Andrea	PJM Interconnection, LLC	Not Applicable

WebEx Meeting Participants

Aguilar, Fabiano	Strom Power, LLC	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anderson, Jared	SPG Global	Not Applicable
Bazar, Kevin	PJM Interconnection, LLC	Not Applicable
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Britt, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Burnley, Helen	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Greg	OPSI	Not Applicable
Cawley, Troy	PJM Interconnection, LLC	Not Applicable
Chintapalli, Raj	BP Energy Company	Power Marketer
Chocarro, Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Cimino, David	PSEG Energy Resources and Trade LLC	Transmission Owner
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Cox, Phil	Appalachian Power Company	Transmission Owner
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Crider, Craig	Dominion Virginia Power	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, Elizabeth	PJM Interconnection, LLC	Not Applicable
DeLosa, Joe	NJ Board of Public Utilities	Not Applicable
DePillo, Ray	PSEG Energy Resources and Trade LLC	Transmission Owner
Desousa, Chris	PSEG Energy Resources and Trade LLC	Transmission Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Erffmeyer, Jack	Illinois Attorney General Office	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gahimer, Mike	IN Office of Utility Consumer Counselor	Not Applicable
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Giraldo, Juan	Monitoring Analytics, LLC	Not Applicable
Gorman, Kevin	Highlands Energy Group LLC (The)	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
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
Helms, Joe	Rainbow Energy Marketing Corporation	Other Supplier
Hoatson, Tom	LS Power	Not Applicable
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Hollis, Gabriel	NextEra Energy Transmission, LLC	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable

Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jha, Monica	PCI	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kharod, Ankit	PJM Interconnection, LLC	Not Applicable
Kilgallen, Kevin	Avangrid Renewables, LLC	Generation Owner
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Leopold, Chris	Appalachian Power Company	Transmission Owner
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Mancuso, Melanie	FirstEnergy Solutions Corp.	Transmission Owner
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Marinelli, Rich	PSEG Energy Resources and Trade LLC	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Meridionale, Kevin	FirstEnergy Solutions Corp.	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Ondayko, Brock	Appalachian Power Company	Transmission Owner
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai	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
Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Ramsey, James	Suffolk Fund LLC	Other Supplier
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rothey, Kristin	American Municipal Power, Inc.	Electric Distributor
Ruck, Andrew	PSEG Energy Resources and Trade LLC	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schmatz, Peter	PSEG Energy Resources and Trade LLC	Transmission Owner
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schneider, Jon	FirstEnergy Solutions Corp	Transmission Owner
Schultheis, Dan	Constellation Energy Services, Inc.	Other Supplier
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
Singer, Chad	Fellon McCord	Not Applicable
Snyder, Susan	PJM Interconnection, LLC	Not Applicable
Steele, Robert	Sanitas Power, LLC	Other Supplier
Stone, Andy	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina	PJM Interconnection, LLC	Not Applicable
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Tangirala, Subha	ABB	Not Applicable
Thompson, Matthew	XO Energy MA	Other Supplier
Turkaly, Joyce	PIOGA	Not Applicable
Tyler, Catherine	Monitoring Analytics, LLC	Not Applicable
VanderLaan, Bill	Illinois Commerce Commission	Not Applicable
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warshel, Kim	PJM Interconnection, LLC	Not Applicable



Minutes



Wei, Jane
Wilhite, Chad
Wilkie, Brian
Williams, Stanley
Wilson, James
Yang, Dan

Monitoring Analytics, LLC
FirstEnergy Solutions Corp.
Consolidated Edison Solutions, Inc
PJM Interconnection, LLC
Wilson Energy Economics
Parma Energy LLC

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

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