

Market Implementation Committee
WebEx / Conference & Training Center
December 7, 2022
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00 – 9:15)

Amanda Martin reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation and the WebEx Participant Identification Requirements.

The Committee approved the draft minutes from the November 2, 2022 Market Implementation Committee.

Endorsements/Approvals (9:15 – 9:35)

2. Day-ahead Zonal Load Bus Distribution Factors (9:15 – 9:35)

Amanda Martin provided a review of the package detailing the zonal load bus distribution factors and associated revisions to Manual 11: Energy & Ancillary Services Market Operations, Manual 28: Operating Agreement Accounting, and Tariff Section 31.7.

The committee endorsed the proposal and manual redlines by acclamation with 0 objections and 0 abstentions.

[Issue Tracking: Day-ahead Zonal Load Bus Distribution Factors](#)

First Readings (9:35 – 11:05)

3. Manual 28 Reserve Price Formation Clarifications (9:35 – 9:50)

Lisa Morelli provided a first read of conforming clarifications and corrections to Manual 28 to support the implementation of Reserve Price Formation.

The committee will be asked to endorse the revisions at its next meeting.

4. Performance Impact of Multi-schedule Model in MCE of ECC Model Combined-Cycle Modeling (9:50 – 10:50)

Keyur Patel reviewed a Problem Statement and Issue Charge addressing market rules for combined cycle modeling as part of the Next Generation Energy Markets (nGEM) project.

The committee will bring a revised Issue Charge back for another first read at its next meeting.

5. Manual 6 FTR Bid Limits (10:50 – 11:05)

Emmy Messina reviewed a Problem Statement, Issue Charge, and proposed solution to update the FTR auction bid limit, as outlined in Manual 6: Financial Transmission Rights.

The committee will be asked to approve the Issue Charge and endorse the proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at its next meeting.

Working Items (11:05 – 11:35)

6. Capacity Offer Opportunities for Generation with Co-located Load (11:05 – 11:35)

Lisa Morelli reviewed recent poll results and solicited feedback on next steps for the issue. The committee may be asked to vote on proposed next steps at its next meeting.

Additional Items (11:35 – 12:00)

7. nGEM Update (11:35 – 11:50)
Ray Fernandez provided an update on the Next Generation Energy Markets (nGEM) project.
8. Cost Development Subcommittee Update (11:50 – 11:55)
Nicole Scott provided an informational update on the work to be performed at the Cost Development Subcommittee.
9. DR/PRD Compliance Construct for Weather Sensitive Load (11:55 – 12:00)
Pete Langbein provided an update on the DR/PRD Compliance Construct for Weather Sensitive Load Issue Charge, which is currently being worked on in the Demand Response Subcommittee.

Informational Section

Reserve Price Formation Update

Materials are posted as informational only.

Unit Specific Parameter Adjustment Process

Materials are posted as informational only.

Interregional Coordination Update

Materials are posted as informational only.

Stability Limits in Markets and Operations

Materials are posted as informational only.

ARR FTR Market Task Force (AFMTF)

Meeting materials are posted to the [AFMTF website](#).

Regulation Market Design Senior Task Force (RMDSTF)

Meeting materials are posted to the [RMDSTF website](#).

Reactive Power Compensation Task Force (RPCTF)

Meeting materials are posted to the [RPCTF website](#).

Cost Development Subcommittee (CDS)

Meeting materials are posted to the [CDS website](#).

Demand Response Subcommittee (DRS)

Meeting materials are posted to the [DRS website](#).

DER & Inverter-based Resources Subcommittee (DIRS)

Meeting materials are posted to the [DIRS website](#).

Market Settlements Subcommittee (MSS)

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

Report on Market Operations

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

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location	5 p.m.	4 p.m.
January 11	9 a.m.	WebEx / Conference & Training Center	December 30	January 4
February 8	9 a.m.	WebEx / Conference & Training Center	January 27	February 1
March 8	9 a.m.	WebEx / Conference & Training Center	February 24	March 1
April 12	9 a.m.	WebEx / Conference & Training Center	March 31	April 5
May 10	9 a.m.	WebEx / Conference & Training Center	April 28	May 3
June 7	9 a.m.	WebEx / Conference & Training Center	May 26	May 31
July 12	9 a.m.	WebEx / Conference & Training Center	June 29	July 5
August 9	9 a.m.	WebEx / Conference & Training Center	July 28	August 2
September 6	9 a.m.	WebEx / Conference & Training Center	August 25	August 30
October 4	9 a.m.	WebEx / Conference & Training Center	September 22	September 27
November 1	9 a.m.	WebEx / Conference & Training Center	October 20	October 25
December 6	9 a.m.	WebEx / Conference & Training Center	November 22	November 29

Author: Amanda Martin

Attendance

In-person Attendees		
Name	Company	Sector
Afelumo, Foluso (facilitator)	PJM Interconnection	None
Martin, Amanda (secretary)	PJM Interconnection	None
Barbagallo, Gregory	PBF Power Marketing, LLC	End-Use Customer
Bastian, Jeffrey	PJM	None
Benckek, James	American Transmission Systems, Inc.	Transmission Owner
Carroll, Rebecca	PJM Interconnection	None
Chmielewski, Brian	PJM Interconnection	None
Croop, Danielle	PJM Interconnection	None
Dantonio, Phil	PJM Interconnection	None
Elkins, Rachel	American Transmission Systems, Inc.	Transmission Owner
Fabiano, Janell	PJM Interconnection	None
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Christian	PBF Power Marketing, LLC	End-Use Customer
Fuess, James	PBF Power Marketing, LLC	End-Use Customer
Hastings, David	Market Interconnection Consulting Services (MICS)	None
Helm, Gary	PJM Interconnection	None
Horger, Tim	PJM Interconnection	None
Horning, Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Kim, Sung	PJM Interconnection	None
King, Alan	PBF Power Marketing, LLC	End-Use Customer

Kogut, George	New York Power Authority	Other Supplier
Leon, Miguel	PJM Interconnection	None
Lu, Chenchao	PJM Interconnection	None
Mason, Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Mason, Gary	American Transmission Systems, Inc.	Transmission Owner
Messina, Emmy	PJM Interconnection	None
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection	None
Muhl, Nancy	PJM Interconnection	None
Patel, Keyur	PJM Interconnection	None
Poulos, Greg	PJM Committee Voting Generic Account	None
Scarp, David	Calpine Energy Services, L.P.	Generation Owner
Souder, Michelle	PJM Interconnection	None
Sweeney, Rory	Power Prose, Inc.	None
Webex Attendees		
Name	Company	Sector
Abdur-Rahman, Muhsin	ABB Enterprise Software Inc.	None
Abramowitz, Jeremy	Monitoring Analytics, LLC	None
Aitoro, David	Voltus, Inc.	Other Supplier
Anderson, Jared	S&P Global Inc.	None
Baizman, Aaron	PJM Interconnection, LLC	None
Baker, Scott	PJM Interconnection, LLC	None
Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bowring, Joe	Monitoring Analytics, LLC	None
Boyle, Glen	PJM Interconnection, LLC	None
Breidenbaugh, Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Bresler, Stu	PJM Interconnection, LLC	None
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Burnham, Kat	Advanced Energy Economy (AEE)	None
Callaghan, Chris	PJM Interconnection, LLC	None
Callen, Zachary (Zac)	Illinois Commerce Commission	None
Campbell, Bruce	Campbell Energy Advisors, LLC	None
Canter, David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Cao, Roger	PJM Interconnection, LLC	None
Carmean, Gregory	OPSI	None
Carrier, Ronald (Ron)	Big Lake Consulting	None
Carroll, Rebecca	PJM Interconnection, LLC	None
Carson, Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Caven, Augustine	PJM Interconnection, LLC	None
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	None
Christopher, Mahila	Public Utilities Commission of Ohio (The)	None
Ciabattoni, Joseph	PJM Interconnection, LLC	None
Clark, Alden	DC Energy LLC	Other Supplier
Clifford, Brigid	Pinegate Mid-Atlantic	Other Supplier
Concina, Wendell	Commonwealth Edison Company	Transmission Owner
Corash, Richard (Rich)	PSEG Energy Resources & Trade LLC	Other Supplier
Coyne, Suzanne	PJM Interconnection, LLC	None
Davis, James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Dillon, Matthew	UGI Development Company	Generation Owner
Domian, Christin	Duquesne Light Company	Transmission Owner
Dorko, Keri	Monitoring Analytics, LLC	None
Dorner, Amber	Consolidated Edison Company of New York, Inc	Transmission Owner

Drom, Richard (Rick)	Eckert Seamans	None
Duensing, Allison	Saracen Energy East LP	Other Supplier
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan, Amanda	PJM Interconnection, LLC	None
Elkins, Rachel	FirstEnergy Corporation	Transmission Owner
Esterly, Theresa	PJM Interconnection, LLC	None
Evergam, Scott	The Federal Energy Regulatory Commission	None
Fabiano, Janell	PJM Interconnection, LLC	None
Fan, Zhenyu	PJM Interconnection, LLC	None
Fereshetian, Damon	PJM Interconnection, LLC	None
Fernandez, Ray	PJM Interconnection, LLC	None
Filomena, Guy	Customized Energy Solutions, Ltd.*	None
Foladare, Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foster Cronin, Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks, Christine	PJM Interconnection, LLC	None
Frogg, Darrell	PJM Interconnection, LLC	None
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gordon, Jon	Shipley Choice, LLC	Other Supplier
Gorman, Brad	FirstEnergy Corporation	Transmission Owner
Greene III, Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greening, Michele	PJM Interconnection, LLC	None
Handlin, Michael	PJM Interconnection, LLC	None
Hastings, David	Market Interconnection Consulting Services (MICS)	None
Hauske, David	PJM Interconnection, LLC	None
Hauske, Thomas	PJM Interconnection, LLC	None
Herbert, Sebastian	DC Energy LLC	Other Supplier
Herrera, Maria	PJM Interconnection, LLC	None
Hicks, Colleen	PJM Interconnection, LLC	None
Hoatson, Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning, Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt, Earl	Monitoring Analytics, LLC	None
Hyzinski, Tom	GT Power Group	None
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot, Gina	Essential Power Rock Springs, LLC	Generation Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	None
Jones, Scott	Indiana Office of Utility Consumer Counsel	End-Use Customer
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	None
Kent, Janessa	Duquesne Light Company	Transmission Owner
Kettler, Kolby	Vitol Inc.	Other Supplier
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kozlowski, Brian	Alphataraxia	None
Lai, Erin	PJM Interconnection, LLC	None
Laios, Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Langbein, Pete	PJM Interconnection, LLC	None
Lawton, Nick	Earthjustice	None
Leith-Yessian, Devin	RTO Insider	None
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Leon, Miguel	PJM Interconnection, LLC	None

Libbos, Robin	FirstEnergy Corporation	Transmission Owner
Loftus, Chad	PJM Interconnection, LLC	None
Luna, Joel	Monitoring Analytics, LLC	None
Mabry, David	McNees Wallace & Nurick LLC	None
Marcino, Angelo	PJM Interconnection, LLC	None
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Matheson, Eric	Pennsylvania Public Utility Commission	None
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McDewell, Christian	Commonwealth of PA	None
McGill, Susan	PJM Interconnection, LLC	None
McGlynn, Paul	PJM Interconnection, LLC	None
McLaverly, Megan	PJM Interconnection, LLC	None
McNeil, Justin	Office of the Attorney General, Kentucky	End-Use Customer
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Monzon, Stephanie	PJM Interconnection, LLC	None
Morelli, Lisa	PJM Interconnection, LLC	None
Nivolianitis, Ted	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Nix, Emma	Leeward Renewables	Generation Owner
Okenfuss, James	Savion, LLC	None
Olaleye, Michael	PJM Interconnection, LLC	None
Ondayko, Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pakela, Gregory (Greg)	DTE Energy Trading, Inc.	Other Supplier
Phillips, Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Phillips, Darlene	PJM Interconnection, LLC	None
Pilong, Christopher	PJM Interconnection, LLC	None
Pilong, Melissa	PJM Interconnection, LLC	None
Price, Mark	DC Energy Mid-Atlantic, LLC	None
Raghavan, Vijay	BioUrga Trading LLC	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rutledge, Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	None
Scarpignato, David (Scarp)	Calpine Energy Services, L.P.	Generation Owner
Scheidecker, Paul	Monitoring Analytics, LLC	None
Schreim, Morris	Maryland Public Service Commission	None
Schuyler, Ken	PJM Interconnection, LLC	None
Scott, Nicole	PJM Interconnection, LLC	None
Shields, Jeffrey	PJM Interconnection, LLC	None
Sims, Ryan	Interstate Gas Supply, Inc.	Other Supplier
Sloan, Ben	Organization of PJM States, Inc. (OPSI)	None
Sorrels, James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz, Paul	E-Cubed Policy Associates	None
Souder, Michelle	PJM Interconnection, LLC	None
Spencer, Douglas	Southeastern Power Administration	Other Supplier
Stemetzki, Michael	PJM Interconnection, LLC	None
Stern, Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stone, Andy	PJM Interconnection, LLC	None
Stuchell, Jeff	FirstEnergy Corporation	Transmission Owner
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Sweeney, Rory	GT Power Group	None
Tangirala, Subha	ABB Enterprise Software Inc.	None
Tribulski, Jennifer (Jen)	PJM Interconnection, LLC	None
Tyler, Catherine	Monitoring Analytics, LLC	None
Walcavich, Colin	National Grid Renewables, LLC	None
Warshel, Kim	PJM Interconnection, LLC	None

Wehnes, Kathleen	Maryland Public Service Commission	None
Whitehead, Jeffrey (Jeff)	GT Power Group	None
Witter, Tracie	PPL Electric Utilities	Transmission Owner
Yovanovich, Laura	PJM Interconnection, LLC	None

Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

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