

Market Implementation Committee  
WebEx / Conference & Training Center  
November 2, 2022  
9:00 a.m. – 12:00 p.m. EPT

## Administration (9:00 – 9:20)

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 October 6, 2022 Market Implementation Committee.

Amanda noted that no feedback was received after the October MIC on the MIC Charter.

Lisa Morelli announced that her role as MIC Chair will transition to Foluso Afelumo starting with the December 7 MIC meeting.

1. Matt Pennell provided an update on select XML submissions negatively impacting Markets Gateway performance. Risa Holland provided information on an upcoming survey seeking stakeholder feedback related to the implementation of Reserve Price Formation.

## Endorsements/Approvals (9:20 – 10:55)

2. Manual 27 Periodic Review (9:20 – 9:35)  
Rebecca Stadelmeyer reviewed revisions to Manual 27: Open Access Transmission Tariff Accounting as part of the periodic review.  
**The committee endorsed the revisions by acclamation with 0 objections and 0 abstentions.**
3. Local Considerations in Net Cost of New Entry (CONE) (9:35 – 10:05)  
Gary Helm reviewed a Problem Statement and Issue Charge addressing how local considerations may affect the development of Net CONE.  
**The committee approved the issue charge at this meeting with 96.7% in favor and 3.3% opposed and 20 abstentions.**
4. Demand Response Subcommittee (DRS) and DER & Inverter-based Resources Subcommittee (DIRS) Consolidation (10:05 – 10:35)  
Scott Baker and Pete Langbein reviewed a request to sunset the DIRS and DRS and consolidate the work of the two groups under a new MIC subcommittee, Distributed Resources Subcommittee (DISRS) with a new charter.  
**The committee approved the new charter and approved the sunset of the DIRS and DRS by acclamation with 0 objections and 0 abstentions.**
5. Hybrid Resources Phase II (10:35 – 10:55)  
Danielle Croop reviewed the package detailing the Hybrid Resources Phase II solutions.  
**The committee endorsed the package with 0 objections and 0 abstentions.**

## [Issue Tracking: Solar-Battery Hybrid Resources](#)

### First Readings (10:55 – 11:40)

6. Day-ahead Zonal Load Bus Distribution Factors (10:55 – 11:40)
  - a. Amanda Martin presented analysis of day-ahead and real-time load bus distribution factors.
  - b. Amanda Martin provided a first read 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 will be asked to endorse the proposal and redlines at its next meeting.

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

### Additional Items (11:40 – 12:00)

7. Cost Development Subcommittee Update (11:40 – 11:45)

Nicole Scott provided an informational update on the work to be performed at the Cost Development Subcommittee
8. Energy Offer Verification Process (11:45 – 11:50)

Phil D'Antonio provided an informational update on the upcoming Energy Offer Verification education for offers above \$1,000/MWh. Previous education materials can be found on the [Markets & Operations](#) page.
9. Renewable Dispatch (11:50 – 12:00)

Mike Zhang reviewed the Joint PJM/IMM package for renewable dispatch that was endorsed at the October Operating Committee.

[Issue Tracking: Renewable Dispatch](#)

### Informational Section

#### Manual 03 Attachment E

The Automatic Sectionalizing Schemes Pending Approval and Recent Changes document has been posted to the [OASIS System Information](#) page as informational only.

#### PJM's Regional Transmission and Energy Scheduling Practices Document

PJM's Regional Transmission and Energy Scheduling Practices document has been posted as informational only. Revisions were reviewed at the Operating Committee.

#### Interregional Coordination Update

Materials are posted as informational only.

#### Stability Limits in Markets and Operations

Materials are posted as informational only.

PJM Net Energy Injections Quarterly Review  
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.
December 7	9 a.m.	WebEx / Conference & Training Center	November 23	November 30

Author: Amanda Martin

## Attendance

### In-person:

Name	Company	Sector
Morelli, Lisa (facilitator)	PJM Interconnection	None
Martin, Amanda (secretary)	PJM Interconnection	None
Afelumo, Foluso	PJM Interconnection	None
Bencheck, Jim	American Transmission Systems, Inc.	Transmission Owner
Bressler, Stu	PJM Interconnection	None
Ciabattoni, Joe	PJM Interconnection	None
D'Antonio	PJM Interconnection	None
Esterly, Teri	PJM Interconnection	None
Fabiano, Janell	PJM Interconnection	None
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Christian	PBF Power Marketing, LLC	End-Use Customer
Greening, Michele	PJM Interconnection	None

Horning, Lynn	American Municipal Power, Inc.	Electric Distributor
Kogut, George	New York Power Authority	Other Supplier
Leith Yessian, Devin	RTO Insider	None
Lu, Chenchao	PJM Interconnection	None
Mason, Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
McLavery, Megan	PJM Interconnection	None
Muhl, Nancy	PJM Interconnection	None
O'Connell, Moira	PJM Interconnection	None
Poulos, Greg	PJM Committee Voting Generic Account	None
Scarp, Dave	Calpine Energy Services, L.P.	Generation Owner
Stadelmeyer, Rebecca	PJM Interconnection	None
Terranova, Chris	PJM Interconnection	None
Tribulski, Jennifer	PJM Interconnection	None

## WebEx:

Name	Company	Sector
Baker, Scott	PJM Interconnection, LLC	None
Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Bastian, Jeff	PJM Interconnection, LLC	None
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Bowring, Joe	Monitoring Analytics, LLC	None
Boyle, Glen	PJM Interconnection, LLC	None
Boyle, Sean	Constellation Energy Generation, LLC	Generation Owner
Bresler, Stu	PJM Interconnection, LLC	None
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Bruno, Patrick	PJM Interconnection, LLC	None
Bryson, Michael (Mike)	PJM Interconnection, LLC	None
Callen, Zachary (Zac)	Illinois Commerce Commission	None
Campbell, Bruce	Campbell Energy Advisors, LLC	None
Carmean, Gregory	OPSI	None
Carroll, Rebecca	PJM Interconnection, LLC	None
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher, Mahila	Public Utilities Commission of Ohio (The)	None
Ciabattoni, Joseph	PJM Interconnection, LLC	None
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Concia, Wendell	Commonwealth Edison Company	Transmission Owner
Corash, Richard (Rich)	PSEG Energy Resources & Trade LLC	Other Supplier
Croop, Danielle	PJM Interconnection, LLC	None
D'Antonio, Phil	PJM Interconnection, LLC	None
Davis, James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Di Iorio, Michelle	PSEG Energy Resources & Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
Domian, Christin	Duquesne Light Company	Transmission Owner
Drom, Richard (Rick)	Eckert Seamans	None
Dropkin, Ilyana	PJM Interconnection, LLC	None
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan, Amanda	PJM Interconnection, LLC	None
Ejebe, Gabriel	OATI Energy Trading	None
Elkins, Rachel	FirstEnergy Corporation	Transmission Owner
Everngam, Scott	The Federal Energy Regulatory Commission	None
Eyocko, Jackie	The Federal Energy Regulatory Commission	None
Filomena, Guy	Customized Energy Solutions, Ltd.*	None
Fishback, Luke	Affirmed Energy LLC	Other Supplier
Fitzpatrick, Brian	PJM Interconnection, LLC	None
Foster, Ben	The Federal Energy Regulatory Commission	None
Frogg, Darrell	PJM Interconnection, LLC	None
Garces, Eloisse	Alpha Xia	None
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gorman, Brad	FirstEnergy Corporation	Transmission Owner
Greene, Ben	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greiner, Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Hastings, David	Market Interconnection Consulting Services (MICS)	None

Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
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
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Holland, Risa	PJM Interconnection, LLC	None
Horger, Tim	PJM Interconnection, LLC	None
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Huntoon, Stephen	Chesapeake Transmission LLC	Other Supplier
Hyzinski, Tom	GT Power Group	None
Iler, Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot, Gina	Essential Power Rock Springs, LLC	Generation Owner
Jett, William (Bill)	Duke Energy Business Services LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	None
Johnston, David	Indiana Utility Regulatory Commission	None
Kalaskar, Rahul	AES Ohio Generation, LLC	Generation Owner
Keenan, Matthew	Jpower USA	None
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent, Janessa	Duquesne Light Company	Transmission Owner
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Lai, Erin	PJM Interconnection, LLC	None
Langbein, Pete	PJM Interconnection, LLC	None
Lawton, Nick	Earthjustice	None
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Corporation	Transmission Owner
Lines, Sam	Able Grid Development Holdings, LLC	None
Long, Glenn	PJM Interconnection, LLC	None
Mabry, David	McNees Wallace & Nurick LLC	None
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Martin, Valerie	The Federal Energy Regulatory Commission	None
McClelland, Maura	Public Utilities Commission of Ohio	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
Mott, Colin	Dominion Virginia Power	None
Okenfuss, James	Savion, LLC	None
Ondayko, Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pakela, Gregory (Greg)	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai (Keyur)	PJM Interconnection, LLC	None
Peoples, John	Duquesne Light Company	Transmission Owner
Procuinar, Jason	Buckeye Power, Inc.	Electric Distributor
Rasmussen, Jay	Duke Energy Business Services LLC	Transmission Owner
Roberts, Casey	Sierra Club	None
Rohrbach, John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Salaneck, Alexandra	Monitoring Analytics, LLC	None
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	None
Schmitt, David	New Jersey Board of Public Utilities	None
Schwarz, Schwarz	PJM Interconnection, LLC	None
Scott, Nicole	PJM Interconnection, LLC	None
Sillin, John	The Federal Energy Regulatory Commission	None
Sloan, Ben	Organization of PJM States, Inc. (OPSI)	None
Sorrels, James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Soikiewicz, Paul	E-Cubed Policy Associates	None
Souder, Michelle	PJM Interconnection, LLC	None
Starkov, Stefan	PJM Interconnection, LLC	None
Stone, Andy	PJM Interconnection, LLC	None
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Sweeney, Rory	GT Power Group	None
Tangirala, Subha	ABB Enterprise Software Inc.	None
Thomas, Glen	GT Power Group	None

Tubridy, Meg	Rockland Electric Company	Transmission Owner
VanderLaan, D. William	Illinois Commerce Commission	None
Whitehead, Jeffrey (Jeff)	GT Power Group	None
Wilson, James	Wilson Energy Economics	None
Yovanovich, Laura	PJM Interconnection, LLC	None
Zhang, Michael (Mike)	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.

**Public Meetings/Media Participation:**

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

**Participant Identification in WebEx:**

When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

During a Meeting	During an Acclamation Vote
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>*1</b></p> <p>To enter the question queue (does not work during a vote)</p> </div> <div style="text-align: center;"> <p><b>*2</b></p> <p>To be removed from the question queue</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p><b>*0</b></p> <p>To signal for PJM support staff assistance</p> </div>	<p>Please log in to the voting application at <a href="http://voting.pjm.com">voting.pjm.com</a>, so that you can be registered as the active voter prior to the start of the meeting.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>*7</b></p> <p>Yes</p> </div> <div style="text-align: center;"> <p><b>*8</b></p> <p>No</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>*9</b></p> <p>Abstain</p> </div> <div style="text-align: center;"> <p><b>*0</b></p> <p>To signal for PJM support staff assistance</p> </div> </div>
<p><b>Asking A Question</b></p> <ul style="list-style-type: none"> <li>Dialing *1 enters you into the question queue; the three dial tones are an auditory indication that you have successfully been placed in the queue.</li> <li>Questions are taken during the meeting when natural breaks occur and are asked in the order they are received.</li> </ul>	
<p><b>Linking Teleconference Connection to Webex</b></p> <p>When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.</p>	



## Join a Meeting

1. Join meeting in the WebEx desktop client
2. Enter name (*First and Last\**) and corporate email
3. Call in to the operator-assisted number

*\*Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)  
Visit [learn.pjm.com](http://learn.pjm.com), an easy-to-understand resource about the power industry and PJM's role.