

## Market Implementation Committee (MIC)

WebEx Only

October 6, 2021

9:00 a.m. – 12:00 p.m. EPT

### Administration

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

The Committee approved the draft minutes from the September 9, 2021 Market Implementation Committee meeting and the September 23, 2021 MIC Special Session on MSOC and Net ACR with **0 objections and 0 abstentions**.

1. Nicholas DiSciullo reviewed the MIC Charter as part of a standing annual item in the MIC work plan. He indicated the charter as drafted continues to accurately address the work undertaken by the MIC and invited stakeholders to provide any feedback on the charter via email following the meeting.

#### X. MOPR-Related Activity Deadlines for 2023/2024 BRA

Pete Langbein reviewed a timeline of new MOPR-related activities that must be completed by all Capacity Market Sellers for the 2023/2024 Base Residual Auction.

#### Y. SOO Green Complaint Update

Tim Horgor provided an update on the SOO Green complaint associated with PJM's external capacity rules.

### Endorsements/Approvals

#### 2. ARR/FTR Market Task Force Update

- a) Brian Chmielewski reviewed the PJM/Joint Stakeholder proposal.
- b) Joe Bowring, IMM, reviewed the IMM proposal.
- c) Erik Heinle, DC OPC, reviewed the DC OPC proposal.
- d) Jau Guo, AEP, reviewed the AEP proposal.

The committee endorsed the PJM/Joint Stakeholder proposal with **244 (84%) in favor, 47 (16%) opposed, and 2 abstentions**.

A second vote showed stakeholders preferred the PJM/Joint Stakeholder proposal over status quo with **247 (93%) in favor, 18 (7%) opposed, and 3 abstentions**.

The committee did not endorse the IMM proposal with **40 (14%) in favor, 245 (86%) opposed, and 3 abstentions**.

A second vote showed stakeholders did not prefer the IMM proposal over status quo with **36 (13%) in favor, 245 (87%) opposed, and 3 abstentions**.

The committee did not endorse the DC OPC proposal with 95 (34%) in favor, 188 (66%) opposed, and 9 abstentions.

A second vote showed stakeholders did not prefer the DC OPC proposal over status quo with 103 (38%) in favor, 168 (62%) opposed, and 5 abstentions.

The committee did not endorse the AEP proposal with 57 (21%) in favor, 211 (79%) opposed, and 7 abstentions.

A second vote showed stakeholders did not prefer the AEP proposal over status quo with 80 (29%) in favor, 194 (71%) opposed, and 24 abstentions.

The PJM/Joint Stakeholder proposal moves to the Market and Reliability Committee (MRC) as the primary motion.

### 3. Energy Efficiency (EE) Addback

Jeff Bastian reviewed the IMM/PJM proposal addressing the calculation of the EE Addback.

The committee endorsed the IMM/PJM proposal with 208 (90%) in favor, 23 (10%) opposed, and 2 abstentions.

A second vote showed stakeholders preferred the IMM/PJM proposal over status quo with 207 (90%) in favor, 23 (10%) opposed, and 2 abstentions.

The IMM/PJM proposal moves to the Market and Reliability Committee (MRC) as the primary motion.

[Issue Tracking: Energy Efficiency Addback](#)

### Z. Discussion about IMM Communication

Adrien Ford, ODEC, requested that the Committee discuss the October 5, 2021 IMM communication about the data submission window opening for the upcoming PJM 2022/2023 RPM Third Incremental Auction. Jim Gluck asked the committee if there were any objections to discussing the matter and no objections were raised.

Adrien asked for clarity on whether past MSOC rules apply to the 2022/2023 RPM Third Incremental Auction. The change to MSOC to use Net ACR is effective as of September 2, 2021, and for the 2022/2023 RPM Third Incremental Auction. The IMM has sent out an updated communication on this topic after the meeting.

## First Readings

### 4. Start-Up Cost Offer Development

- a) Nicole Scott and Tom Hauske provided a first read of the two packages addressing Start-Up Cost Offer Development developed through the Cost Development Subcommittee.
- b) Tom Hyzinski, GT Power Group, provided additional information of the Clarification Package addressing Start-Up Cost Offer Development developed through the Cost Development Subcommittee.

## Working Items

### 5. Regulation for Virtual Combined Cycles

Jim Gluck reviewed the design components and solution options and began the process of developing packages on the Regulation for Virtual Combined Cycles matrix as part of the Consensus Based Issue Resolution process. Becky Robinson, Vistra, provided an overview of Package A.

The committee will continue discussing this issue at its next meeting.

[Issue Tracking: Regulation for Virtual Combined Cycles](#)

### 6. Market Suspension

Stefan Starkov lead a discussion regarding additional considerations related to the Market Suspension issue based on discussion at the September 29, 2021 Markets and Reliability Committee meeting.

The committee will continue discussing this issue at its next meeting.

[Issue Tracking: Rules Related to Market Suspension](#)

## Informational Section

### Manual 03 Updates

Updates to PJM Manual 03, Revision 60 – Transmission Operations are posted as informational only with meeting materials.

### Fast Start Pricing Monthly Metrics Update

Materials are posted as informational only.

### Q3 2021 Net Energy Injections Quarterly Report

Materials are posted as informational only.

### ARR FTR Market Task Force (AFMTF)

Meeting materials are posted to the [AFMTF 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.
November 3	9 a.m.	WebEx	October 22	October 27
December 1	9 a.m.	WebEx	November 19	November 24

Author: Nicholas DiSciullo

## WebEx Meeting Attendees

Names	Company Name	Sector
Gluck, Jim (Chair)	PJM Interconnection, LLC	Not Applicable
DiSciullo, Nicholas (Secretary)	PJM Interconnection, LLC	Not Applicable
Baizman, Aaron	PJM Interconnection, LLC	None
Breidenbaugh, Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Klein, Abram	Appian Way Energy Partners MidAtlantic, LLC	Other Supplier
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Zamarrow, Alexander	Enel Trading North America, LLC	Other Supplier
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
Stern, Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Rooney, Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Salaneck, Alexandra	Monitoring Analytics, LLC	None
Duensing, Allison	Saracen Energy East LP	Other Supplier
Egan, Amanda	PJM Interconnection, LLC	None
Levitt, Andrew	PJM Interconnection, LLC	None
Stone, Andy	PJM Interconnection, LLC	None
Marcino, Angelo	PJM Interconnection, LLC	None
Perera, Asanga	PJM Interconnection, LLC	None
Robinson, Becky	Vistra Energy Marketing, L.P.	Other Supplier
Squibb, Bill	Ohio Valley Electric Corp	Transmission Owner
Gorman, Brad	American Transmission Systems, Inc.	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	None
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Ondayko, Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	None
Lu, Chenchao	PJM Interconnection, LLC	None
Fuess, Christian	PBF Power Marketing, LLC	Generation Owner
McDewell, Christian	Commonwealth of PA	None
Domian, Christin	Duquesne Light Company	Transmission Owner
Ericson, Christine	Illinois Commerce Commission	None
Pilong, Christopher	PJM Interconnection, LLC	None
Glazer, Craig	PJM Interconnection, LLC	None
Drivas, Christina	Lightsource bp	None

Fereshetian, Damon	PJM Interconnection, LLC	None
Croop, Danielle	PJM Interconnection, LLC	None
Fazio, Danielle	Noble Americas Gas & Power Corp.	Other Supplier
Phillips, Darlene	PJM Interconnection, LLC	None
Frogg, Darrell	PJM Interconnection, LLC	None
Johnston, David	Indiana Utility Regulatory Commission	None
Anders, David	PJM Interconnection, LLC	None
Canter, David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Mabry, David	McNees Wallace & Nurick LLC	None
Hastings, David	Market Interconnection Consulting Services (MICS)	None
Foster Cronin, Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Davis, Elizabeth (Becky)	PJM Interconnection, LLC	None
Nix, Emma	Gable and Associates	None
Heinle, Frederick	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Lai, Erin	PJM Interconnection, LLC	None
Pelletier, Eveline	Hydro-Quebec	None
Aguilar, Fabiano Silveira	Strom Power, LLC	Other Supplier
Rahimi, Farrokh	Open Access Technology International, Inc.	None
Ejebe, Gabriel	OATI Energy Trading	None
Greiner, Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Crystle, Gil	UGI Development Company	Generation Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Generation Owner
Boyle, Glen	PJM Interconnection, LLC	None
Carmean, Gregory	OPSI	None
Poulos, Greg	CAPS	None
Solomon, Greg	NextEra Energy Marketing, LLC	Other Supplier
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	None
Kazerooni, Hamid	PJM Interconnection, LLC	None
Svenson, Heather	Public Service Electric & Gas Company	Transmission Owner
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Haas, Howard	Monitoring Analytics, LLC	None
Kalle, Ibrahima	Tibiri Energies	None
Gibbs, Ike	Citadel FNGE Ltd.	Other Supplier
Keegan, John (Jack)	PJM Interconnection, LLC	None
Thomas, Jack	PJM Interconnection, LLC	None
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Fabiano, Janell	PJM Interconnection, LLC	None
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Guo, Jau	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bastian, Jeff	PJM Interconnection, LLC	None
Mooney, Jeff	FirstEnergy Corporation	Transmission Owner
Whitehead, Jeffrey	GT Power Group	None
Guistwhite, Jeffrey	EnergyConnect, Inc.	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	None
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Phillips, Jennifer	C.P. Crane LLC	Generation Owner



Downs, Jere	PJM Interconnection, LLC	None
Jett, William (Bill)	Duke Energy Business Services LLC	Transmission Owner
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Davis, James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Sorreles, James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Peoples, John	Duquesne Light Company	Transmission Owner
Rohrbach, John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Sillin, John	The Federal Energy Regulatory Commission	None
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	None
Bruno, Joshua	PJM Interconnection, LLC	None
McNeil, Justin	Office of the Attorney General, Kentucky	End-Use Customer
Foladare, Kenneth	Geenex Solar LLC	Other Supplier
Schisler, Ken	Enel X North America, Inc.	Other Supplier
Schuyler, Ken	PJM Interconnection, LLC	None
Dorko, Keri	Monitoring Analytics, LLC	None
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Patel, Keyur	PJM Interconnection, LLC	None
Warshel, Kim	PJM Interconnection, LLC	None
D'Alessandris, Lou	FirstEnergy Corporation	Transmission Owner
Fishback, Luke	Affirmed Energy LLC	Other Supplier
Horning, Lynn Marie	Customized Energy Solutions, Ltd.*	None
Tibbetts, Maeve	K & L Gates	None
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
LaRocque, Matthew	PJM Interconnection, LLC	None
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Servera, Max	Unicia Energy LP	Other Supplier
McArdle, Brian	NextEra Energy Power Marketing, LLC	Other Supplier
McLavery, Megan	PJM Interconnection, LLC	None
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Pilong, Melissa	PJM Interconnection, LLC	None
Olaleye, Michael	PJM Interconnection, LLC	None
Purdie, Michael	Dominion Virginia Power	None
Yoder, Michael	RTO Insider	None
Zhang, Michael (Mike)	PJM Interconnection, LLC	None
Greening, Michele	PJM Interconnection, LLC	None
Farhat, Michelle	PJM Interconnection, LLC	None
Souder, Michelle	PJM Interconnection, LLC	None
Borgatti, Michael	Gabel and Associates	None
Bryson, Michael (Mike)	PJM Interconnection, LLC	None
Mok, Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Bowring, Joseph	Monitoring Analytics, LLC	None
Schreim, Morris	Maryland Public Service Commission	None
Abdur-Rahman, Muhsin	ABB Enterprise Software Inc.	None
Pratt, Nicholas (Nick)	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Scott, Nicole	PJM Interconnection, LLC	None
Militello, Nicole	PJM Interconnection, LLC	None

McGlynn, Paul	PJM Interconnection, LLC	None
Sotkiewicz, Paul	E-Cubed Policy Associates	None
Langbein, Pete	PJM Interconnection, LLC	None
D'antonio, Phil	PJM Interconnection, LLC	None
Robins, Pip	EMC Development Company, Inc.	Other Supplier
Pungaliya, Rajat	Pine Gate Mid-Atlantic, LLC	Other Supplier
Kothakapu, Rakesh	Fellon McCord	None
Fernandez, Ray	PJM Interconnection, LLC	None
Carroll, Rebecca	PJM Interconnection, LLC	None
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Brown, Richard	PJM Interconnection, LLC	None
Drom, Richard	Eckert Seamans	None
Olinger, Robert	Keystone Projects	None
Taylor, Robert	Exelon Business Services Company, LLC	Transmission Owner
Cao, Roger	PJM Interconnection, LLC	None
Carrier, Ron	Direct Energy Business Marketing, LLC	Other Supplier
Shegarfi, Roozbeh	Exelon Business Services Company, LLC	Transmission Owner
Sweeney, Rory	GT Power Group	None
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Price, Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Powers, Sean	Linde Energy Services, Inc.	None
Herbert, Sebastian	DC Energy LLC	Other Supplier
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Marzewski, Skyler	Monitoring Analytics, LLC	None
Starkov, Stefan	PJM Interconnection, LLC	None
Monzon, Stephanie	PJM Interconnection, LLC	None
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Bresler, Stu	PJM Interconnection, LLC	None
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	None
Coyne, Suzanne	PJM Interconnection, LLC	None
Herel, Suzanne	PJM Interconnection, LLC	None
Gates, Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
DeVita, Thomas	PJM Interconnection, LLC	None
Hoatson, Tom	Riverside Generating, LLC	Generation Owner
Horger, Tim	PJM Interconnection, LLC	None
Hauske, Thomas	PJM Interconnection, LLC	None
Hyzinski, Tom	GT Power Group	None
Rodriguez, Tomas	OPSI	None
Lauterbach, Tory	PJM Interconnection, LLC	None
Raghaven, Vijay	Geodesic 2 LLC	Other Supplier
Zheng, Wen	Drilling Info, Inc.	None
Xu, Xu	PJM Interconnection, LLC	None
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Callen, Zachary (Zac)	Illinois Commerce Commission	None
Fan, Zhenyu	PJM Interconnection, LLC	None



# Draft Minutes

*As of October 15, 2021*