

## Market Implementation Committee (MIC)

WebEx Only

March 9, 2022

9:00 a.m. – 12:40 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 February 9, 2022 Market Implementation Committee meeting with **0 objections and 0 abstentions**.

1. Nicholas DiSciullo reviewed the MIC Work Plan.

### Endorsements/Approvals

2. **Pseudo Modeled Combined Cycle Minimum Run Time Guidance**

Tom Hauske reviewed Package A addressing Pseudo Modeled Combined Cycle Minimum Run Time Guidance.

**The committee endorsed Package A by acclamation with 0 objections and 0 abstentions. A second acclamation vote showed stakeholders support Package A over status quo with 0 objections and 0 abstentions.**

[Issue Tracking: Pseudo Modeled Combined Cycle Minimum Run Time Guidance](#)

3. **Manual 18 Revisions – MOPR, MSOC, Historic Net EAS**

Jeff Bastian reviewed revisions to Manual 18: PJM Capacity Market conforming with PJM's 7/30/21 filing to reform application of the MOPR, PJM's 10/21 compliance filing made in accordance with FERC's 9/2/21 Order to amend the default MSOC, and FERC's 12/22/21 order directing PJM to reinstate the historic net EAS methodology, and FERC's 1/20/22 order directing PJM to remove the 10% adder from the net EAS calculation for the reference resource CT.

**The committee endorsed the Manual 18 revisions by acclamation with 0 objections and 0 abstentions.**

4. **Critical Gas Infrastructure – Demand Response Participation**

Jack O'Neill reviewed a Problem Statement and Issue Charge addressing the Critical Gas Infrastructure recommendation for Demand Response. This stems from the FERC/NERC report on the severe cold weather event in Texas and South Central US last February.

**The committee approved the Issue Charge by acclamation with 0 objections and 0 abstentions.**

[Issue Tracking: Critical Gas Infrastructure – Demand Response Participation](#)

5. **Operating Reserve Clarification for Resources Operating as Requested by PJM**

Phil D'Antonio reviewed a Problem Statement and Issue Charge addressing clarifications and potential enhancements to the rules for paying Operating Reserve credits to resources operating as requested by PJM.

The committee approved the Issue Charge by acclamation with 0 objections and 0 abstentions.

[Issue Tracking: Operating Reserve Clarification for Resources Operating as Requested by PJM](#)

## First Readings

### 6. **Start-Up Cost Offer Development**

Tom Hauske provided a first read of the Revised PJM/IMM Proposal addressing Start-Up Cost Offer Development developed through the Cost Development Subcommittee. The committee will be asked to endorse the proposal at its next meeting.

## Working Items

### 7. **Capacity Offer Opportunities for Generation with Co-Located Load**

- a) Jeff Bastian provided education regarding the comparison of consumer costs from status quo versus various co-location configurations.
- b) Joe Bowring, IMM, provided education on Capacity Offer Opportunities for Generation with Co-Located Load.
- c) Lisa Morelli facilitated a discussion to review and identify additional interests for the Capacity Offer Opportunities for Generation with Co-Located Load matrix. Jason Barker, Constellation, and Jeff Bastian reviewed the Design Component Details. Stakeholders are encouraged to provide additional interests and design components in advance of the next meeting. A Post-Meeting version of the matrix has been posted to the meeting materials.

The committee will continue working the Consensus Based Issue Resolution (CBIR) process on this issue at its next meeting.

[Issue Tracking: Capacity Offer Opportunities for Generation with Co-Located Load](#)

## Additional Items

### 8. **Fast Start Capable Adjustment Process**

Vijay Shah reviewed the process to become a fast start capable resource.

### 9. **Cost Development Subcommittee Update**

Nicole Scott provided an informational update on the work to be performed at the Cost Development Subcommittee and reviewed a new Issue Charge addressing Variable Environmental Costs and Credits that will be worked at the Cost Development Subcommittee and provided an opportunity for the committee to provide feedback.

## Informational Section

### **Interregional Coordination Update**

Materials are posted as informational only.

### **Fast Start Pricing Monthly Metrics Update**

Materials are posted as informational only.

## ARR FTR Market Task Force (AFMTF)

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

## OC/MIC Fuel Requirements for Black Start Resources

Meeting materials are posted to the [Operating Committee 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.
April 13	9 a.m.	WebEx	April 1	April 6
May 11	9 a.m.	WebEx	April 29	May 4
June 8	9 a.m.	WebEx	May 26	June 1
July 13	9 a.m.	WebEx	June 30	July 6
August 10	9 a.m.	WebEx	July 29	August 3
September 7	9 a.m.	WebEx	August 26	August 31
October 6	9 a.m.	WebEx	September 26	September 29
November 2	9 a.m.	WebEx	October 21	October 26
December 7	9 a.m.	WebEx	November 23	November 30

Author: Nicholas DiSciullo

## WebEx Meeting Attendees

Names	Company Name	Sector
Lisa Morelli (Chair)	PJM Interconnection, LLC	Not Applicable

DiSciullo, Nicholas (Secretary)	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	None
Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Bastian, Jeff	PJM Interconnection, LLC	None
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Borgatti, Michael	Gabel and Associates	None
Bowker, Shannon	PJM Interconnection, LLC	None
Bowring, Joe	Monitoring Analytics, LLC	None
Boyle, Glen	PJM Interconnection, LLC	None
Bresler, Stu	PJM Interconnection, LLC	None
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Brooks, Alida	PJM Interconnection, LLC	None
Bruno, Patrick	PJM Interconnection, LLC	None
Callen, Zachary (Zac)	Illinois Commerce Commission	None
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Canter, David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Carmean, Gregory	OPSI	None
Carroll, Rebecca	PJM Interconnection, LLC	None
Caven, Augustine	PJM Interconnection, LLC	None
Cerchio, Gerard	Monitoring Analytics, LLC	None
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Ciabattoni, Joseph	PJM Interconnection, LLC	None
Cochran, Matthew	Panther Creek Power Operating, LLC	Generation Owner
Corash, Richard	PSEG Energy Resources & Trade LLC	Other Supplier
Croop, Danielle	PJM Interconnection, LLC	None
D'Antonio, Phil	PJM Interconnection, LLC	None
Davis, Elizabeth (Becky)	PJM Interconnection, LLC	None
Davis, Leah	PJM Interconnection, LLC	None
Davis, James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Denby, Brett	NOVEC	None
DeVita, Thomas	PJM Interconnection, LLC	None
Dillon, Matthew	UGI Development Company	Generation Owner
Domian, Christin	Duquesne Light Company	Transmission Owner
Dorko, Keri	Monitoring Analytics, LLC	None
Drake, Anna	PJM Interconnection, LLC	None
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
Ejebe, Gabriel	OATI Energy Trading	None
Esterly, Theresa	PJM Interconnection, LLC	None
Evrard, David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Fabiano, Janell	PJM Interconnection, LLC	None
Fazio, Danielle	Noble Americas Gas & Power Corp.	Other Supplier
Fernandez, Ray	PJM Interconnection, LLC	None
Filomena, Guy	Customized Energy Solutions, Ltd.*	None
Fishback, Luke	Affirmed Energy LLC	Other Supplier
Fitzpatrick, Brian	PJM Interconnection, LLC	None
Foladare, Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor

Franks, Christine	PJM Interconnection, LLC	None
Fuess, Christian	PBF Power Marketing, LLC	Generation Owner
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates, Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Good, Megan	Pennsylvania Public Utility Commission	None
Gorman, Brad	American Transmission Systems, Inc.	Transmission Owner
Greiner, Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Halay, Alina	The Federal Energy Regulatory Commission	None
Hanser, Erik	Michigan Public Service Commission	None
Hastings, David	Market Interconnection Consulting Services (MICS)	None
Hauske, Thomas	PJM Interconnection, LLC	None
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Hoatson, Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Horger, Tim	PJM Interconnection, LLC	None
Horning, Lynn Marie	Customized Energy Solutions, Ltd.*	None
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
Hyzinski, Tom	GT Power Group	None
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
Keenan, Matthew	Jpower USA	None
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent, Janessa	Duquesne Light Company	Transmission Owner
Kersanty, Jeff	Appalachian Power Company (AEP Generation)	Transmission Owner
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Knotts, Pamela	DE Public Service Commission	None
Kogut, George	New York Power Authority	Other Supplier
Lai, Erin	PJM Interconnection, LLC	None
Laios, Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Langbein, Pete	PJM Interconnection, LLC	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
Lu, Chen	PJM Interconnection, LLC	None
Luna, Joel	Monitoring Analytics, LLC	None
Mabry, David	McNees Wallace & Nurick LLC	None
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Markiewicz, Cindy	FirstEnergy Corporation	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	None
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
McCormick, Katharine	Illinois Commerce Commission	None
McGlynn, Paul	PJM Interconnection, LLC	None
McLaverty, 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
Mooney, Jeff	FirstEnergy Corporation	Transmission Owner
Moye, Bob	Rainbow Energy Marketing Corporation	Other Supplier
Nix, Emma	Gable and Associates	None
O'Hara, Christopher (Chris)	PJM Interconnection, LLC	None
Okenfuss, James	Savion, LLC	None
Ondayko, Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
O'Neill, Jack	PJM Interconnection, LLC	None
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai (Keyur)	PJM Interconnection, LLC	None
Phenix, Michael	TAQA Gen X LLC	Generation Owner
Pilong, Melissa	PJM Interconnection, LLC	None
Poulos, Greg	CAPS	None
Procutniar, Jason	Buckeye Power, Inc.	Electric Distributor
Purdie, Michael	Dominion Virginia Power	None
Redwine, Arlo	The Federal Energy Regulatory Commission	None
Reiter, Heather	PJM Interconnection, LLC	None
Robinson, Becky	Vista Energy Marketing, L.P.	Other Supplier
Rodriguez, Tomas	OPSI	None
Rohrbach, John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Ruck, Andrew	Freepoint Commodities LLC	Other Supplier
Rutledge, Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	None
Schreim, Morris	Maryland Public Service Commission	None
Scott, Nicole	PJM Interconnection, LLC	None
Servera, Max	Unicia Energy LP	Other Supplier
Shah, Vijay	PJM Interconnection, LLC	None
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Smith, Kara	Buckeye Power, Inc.	Electric Distributor
Sorrels, James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz, Paul	E-Cubed Policy Associates	None
Souder, Michelle	PJM Interconnection, LLC	None
Squibb, Bill	Ohio Valley Electric Corp	Transmission Owner
Steele, Robert	Acom Energy Trading, LLC	None
Stern, Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stone, Andy	PJM Interconnection, LLC	None
Strella, Lauren	PJM Interconnection, LLC	None
Stuchell, Jeff	FirstEnergy Corporation	Transmission Owner
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Svenson, Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney, Rory	GT Power Group	None
Tibbetts, Maeve	K & L Gates	None
Tribulski, Jennifer (Jen)	PJM Interconnection, LLC	None
Tyler, Catherine	Monitoring Analytics, LLC	None
Wehnes, Kathleen	Maryland Public Service Commission	None
Whitehead, Jeffrey	GT Power Group	None
Yoder, Michael	RTO Insider	None
Yovanovich, Laura	PJM Interconnection, LLC	None



# Minutes



Zhang, Michael (Mike)

PJM Interconnection, LLC

None