

Market Implementation Committee (MIC)

WebEx Only

March 10, 2021

9:00 a.m. – 4:00 p.m. EPT

Administration

Nick 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 10, 2021 Market Implementation Committee meeting with **0 objections and 0 abstentions**.

Nick DiSciullo provided an update on the MIC Work Plan, which included pending issue charges.

Endorsements/Approvals

2. RPM Capacity Transfer Rights

Kevin Zemanek, Buckeye Power reviewed the Problem Statement and Issue Charge addressing RPM Capacity Transfer Rights. Stakeholders provided feedback on the Issue Charge and revisions were made to the Key Work Activities and Scope section during the meeting to more clearly reflect the scope of the Issue Charge. Kevin Zemanek accepted the revisions, and therefore they were incorporated into the Issue Charge. A post-meeting version of the Issue Charge containing the revisions has been posted to the meeting materials.

The committee approved the RPM Capacity Transfer Rights Issue Charge with the revisions with 185 (79%) in favor, 48 (21%) opposed, and 9 abstentions.

[Issue Tracking: Capacity Transfer Rights in RPM](#)

3. Long-Term 5-Minute Dispatch & Pricing Work Plan

Aaron Baizman provided a second first read of the PJM/IMM proposal from the Long-Term Five Minute Dispatch & Pricing Matrix that was worked in MIC Special Session meetings. A draft version of associated OA language was posted with meeting materials for informational purposes.

The committee endorsed the proposal with 210 (100%) in favor, 0 (0%) opposed, and 7 abstentions.

A second vote showed stakeholders preferred the proposal over status quo with 211 (100%) in favor, 0 (0%) opposed, and 9 abstentions.

[Issue Tracking: Five Minute Dispatch and Pricing](#)

4. Manual 11 Revisions

Nikki Militello reviewed updates to Manual 11: Energy & Ancillary Service Market Operations as part of the biennial cover-to-cover review.

The committee endorsed the Manual 11 revisions with 177 (100%) in favor, 0 (0%) opposed, and 1 abstention.

5. **Capital Recovery Factor for Avoidable Project Investment Cost Determinations**

Jeff Bastian reviewed the Problem Statement and Issue Charge addressing Capital Recovery Factor for Avoidable Project Investment Cost Determinations. The issue was proposed using the Quick Fix process outlined in Section 8.6.1 of Manual 34: PJM Stakeholder Process.

The committee approved the issue charge and endorsed the solution with 191 (100%) in favor, 0 (0%) opposed, and 2 abstentions.

A second vote showed stakeholders preferred the proposal over status quo with 180 (100%) in favor, 0 (0%) opposed, and 2 abstentions.

[Issue Tracking: Capital Recovery Factor \(CRF\) for Avoidable Project Investment Cost Determinations \(APIR\)](#)

First Readings

6. **Reactive Supply and Voltage Control Compensation**

Jim Davis, Dominion Energy, provided a first read of the Problem Statement and Issue Charge addressing Compensation for Reactive Supply and Voltage Control service. The committee will be asked to approve the issue charge at its next meeting.

7. **New Load Locating Behind the Meter of an Existing Generation Resource**

Jeff Bastian provided a first read of the Problem Statement and Issue Charge addressing New Load Locating Behind the Meter of an Existing Generation Resource. Stakeholders requested additional clarity on the Problem Statement the Issue Charge aims to address before voting on it. Jeff Bastian agreed to refine the Problem Statement in advance of the next meeting. The committee will be asked to approve the issue charge at its next meeting.

Working Items

8. **Market Suspension**

- a) Stefan Starkov provided an overview of PJM's proposed solution options and reviewed the Market Suspension scenario table.
- b) Lisa Morelli facilitated a discussion on the Market Suspension matrix as part of the Consensus Based Issue Resolution process. The committee provided additional solution options to the existing design components. This issue will continue to be worked at the next MIC meeting.

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

Additional Items

9. **IROL-CIP Cost Recovery**

Darrell Frogg will provide an update on Interconnection Reliability Operating Limits-Critical Infrastructure Protection (IROL-CIP) Cost Recovery.

Informational Section

Interregional Coordination Update

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

April 7, 2021	9:00 a.m.	WebEx
May 13, 2021	9:00 a.m.	WebEx
June 9, 2021	9:00 a.m.	WebEx
July 14, 2021	9:00 a.m.	TBD
August 11, 2021	9:00 a.m.	TBD
September 9, 2021	9:00 a.m.	TBD
October 6, 2021	9:00 a.m.	TBD
November 3, 2021	9:00 a.m.	TBD
December 1, 2021	9:00 a.m.	TBD

Author: Nick DiSciullo

WebEx Meeting Attendees

Names	Company Name	Sector
Morelli, Lisa (Chair)	PJM Interconnection, LLC	Not Applicable
DiSciullo, Nicholas (Secretary)	PJM Interconnection, LLC	Not Applicable
Aguilar, Fabiano Silveira	Strom Power, LLC	Other Supplier
Anders, David	PJM Interconnection, LLC	Not Applicable
Anderson, Jared	S&P Global	Not Applicable
Argo, Megan	Community Energy, Inc.	Other Supplier
Baizman, Aaron	PJM Interconnection, LLC	Not Applicable
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Bastian, Jeff	PJM Interconnection, LLC	Not Applicable
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bennett, Stephen	PJM Interconnection, LLC	Not Applicable
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Bixby, Evan	Pine Gate Renewables, LLC	None
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Bockhorn, Tim	Dayton Power & Light Company (The)	Transmission Owner

Bowring, Joseph	Monitoring Analytics, LLC	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Brozina, Mark	Tangibl LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Cao, Roger	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Caven, Augustine	PJM Interconnection, LLC	Not Applicable
Chang, Sean	Shell Energy North America (US), LP	Other Supplier
Chen, Hong	PJM Interconnection, LLC	Not Applicable
Chen, Yang	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Christopher, Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coyle, Billy	Dominion Virginia Power	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Development Company	Generation Owner
Dailey, Michael	Northern Virginia Electric Cooperative	Electric Distributor
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
D'antonio, Phil	PJM Interconnection, LLC	Not Applicable
Davis, James (Jim)	Dominion Energy Marketing, Inc.	Generation Owner
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
DeVita, Thomas	PJM Interconnection, LLC	Not Applicable
Di Iorio, Michelle	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
Domian, Christin	Duquesne Light Company	Transmission Owner
Dropkin, Ilyana	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu, Nicolae	PJM Interconnection, LLC	Not Applicable
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Elkins, Rachel	First Energy Company	Transmission Owner
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Fernandez, Raymond	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Frogg, Darrell	PJM Interconnection, LLC	Not Applicable
Fuess, Christian	PBF Power Marketing LLC	Generation Owner
Gates, Terry	Appalachian Power Company	Transmission Owner
Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gluck, Jim	PJM Interconnection, LLC	Not Applicable
Graham, Sophie	Adapt2	Not Applicable

Greening, Michele	PJM Interconnection, LLC	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Guntle, Vince	American PowerNet Management	End-Use Customer
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harris, Makenna	Adapt2	Not Applicable
Hastings, David	Market Interconnection Consulting Services (MICS)	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Heinle, Frederick	Office of the People's Counsel	End-Use Customer
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Herel, Suzanne	PJM Interconnection, LLC	Not Applicable
Hoatson, 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	Not Applicable
Horning, Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hull, Gerit	Jennings, Strouss & Salmon, P.L.C.	Not Applicable
Huntoon, Stephen	Chesapeake Transmission LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Iler, 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
Jens, Thomas	Black Oak Energy, LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston, David	Indiana Utility Regulatory Commission	Not Applicable
Kauffman, Brian	Enel X North America, Inc.	Other Supplier
Keegan, John	Just Energy Solutions, Inc.	Other Supplier
Kelly, Stephen	0	0
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Lowe, Connie	Dominion Virginia Power	Not Applicable
Lowenthal-Savy, Danielle	Monitoring Analytics, LLC	Not Applicable
Lu, Chenchao	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
McLaverty, Megan	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Militello, Nicole	PJM Interconnection, LLC	Not Applicable
Murphy, Shaun	PJM Interconnection, LLC	Not Applicable
Nix, Emma	Gable and Associates	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable

Olinger, Robert	Keystone Projects	Not Applicable
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Pasupatham, Ram	Exelon Generation Co., LLC	Generation Owner
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Phillips, Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Phillips, Darlene	PJM Interconnection, LLC	Not Applicable
Pilong, Christopher	PJM Interconnection, LLC	Not Applicable
Pizzutelli, Ashley	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Poulos, Greg	CAPS	Not Applicable
Pratt, Nick	0	0
Proconiar, Jason	Dayton Power & Light Company (The)	Transmission Owner
Purdie, Michael	Dominion Virginia Power	Not Applicable
Rainey, John	Northern Virginia Electric Cooperative	Electric Distributor
Revelt, David	Whitetail Solar 1, LLC	Generation Owner
Robinson, Becky	Vista Energy Marketing, L.P.	Other Supplier
Robinson, Paul	The Federal Energy Regulatory Commission	Not Applicable
Rodriguez, Tomas	OPSI	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rooney, Alexa	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Scheirer, Alexandra	PJM Interconnection, LLC	Not Applicable
Schisler, Ken	Enel X North America, Inc.	Other Supplier
Schmatz, Peter	PSEG Energy Resources and Trade LLC	Other Supplier
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Schweizer, David	PJM Interconnection, LLC	Not Applicable
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sims, Ryan	Interstate Gas Supply, Inc.	Other Supplier
Sorreles, James	AEP	Transmission Owner
Sotkiewicz, Paul	E-Cubed Policy Associates	Not Applicable
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Squibb, Bill	Ohio Valley Electric Corp	Transmission Owner
Starkov, Stefan	PJM Interconnection, LLC	Not Applicable
Stefanowicz, Vincent	PJM Interconnection, LLC	Not Applicable
Stone, Andy	PJM Interconnection, LLC	Not Applicable
Strella, Lauren	PJM Interconnection, LLC	Not Applicable
Stupar, Rob	Invenergy, LLC	Generation 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	Not Applicable
Thorson, Nicholas	Process Innovations Inc	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Tyler, Catherine	Monitoring Analytics, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warshel, Kim	PJM Interconnection, LLC	Not Applicable
White, Brett	Other	Not Applicable



Draft Minutes

Whitehead, Jeffrey
Widom, Stuart
Wisersky, Megan
Xu, Xu
Yoder, Michael
Zemanek, Kevin
Zhang, Michael (Mike)

GT Power Group
PJM Interconnection, LLC
Madison Gas & Electric Company
PJM Interconnection, LLC
RTO Insider
Buckeye Power, Inc.
PJM Interconnection, LLC

Not Applicable
Not Applicable
Other Supplier
Not Applicable
Not Applicable
Electric Distributor
Not Applicable