

## Market Implementation Committee (MIC)

WebEx Only

May 13, 2021

9:00 a.m. – 2:00 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 April 21, 2021 MIC Special Session on Market Seller Offer Cap and the draft minutes from the April 10, 2021 Market Implementation Committee meeting with **0 objections and 0 abstentions**.

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

### Endorsements/Approvals

#### 2. Reactive Supply and Voltage Control Compensation

- a) Jim Davis, Dominion Energy, reviewed Dominion Energy's Problem Statement and Issue Charge addressing Compensation for Reactive Supply and Voltage Control service.
- b) Joe Bowring, IMM, reviewed the IMM's Problem Statement and Issue Charge addressing Compensation for Reactive Supply and Voltage Control service.

**The committee vote for approval of the Dominion and IMM Issue Charges was deferred. The committee will be asked to approve a combined Dominion/IMM Issue Charge at its next meeting.**

#### 3. Regulation for Virtual Combined Cycles

Becky Robinson, Vistra, reviewed the Problem Statement and Issue Charge addressing Regulation for Virtual Combined Cycles. An additional key work activity was added to the issue charge to cover education on the virtual combined cycle modeling. A post-meeting version of the amended issue charge has been posted to the meeting materials.

**The committee approved the amended Regulation for Virtual Combined Cycles Issue Charge with 203 (91%) in favor, 20 (9%) opposed, and 14 abstentions.**

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

### First Readings

#### 4. Regulation Mileage Ratio

Michael Olaleye provided a first read of a Problem Statement and Issue Charge addressing Regulation Mileage Ratio. Additional education and discussion will occur on this issue at the next MIC meeting. The committee will be asked to approve the Issue Charge at its next meeting.

#### 5. Market Suspension

Stefan Starkov provided a first read of the PJM package. The committee will be asked to vote on the PJM package at its next meeting.

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

## Working Items

### 6. RPM Capacity Transfer Rights

Lisa Morelli facilitated a discussion to identify interests and design components for the RPM Capacity Transfer Rights issue charge. Stakeholders are encouraged to provide additional interests, design components and any feedback prior to the June MIC. The committee will continue working the Consensus Based Issue Resolution (CBIR) process and will start developing solution options at its next meeting.

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

## Additional Items

### 7. Fast-Start Pricing Update

Phil D'Antonio provided an update on the revised implementation plan for Fast-Start Pricing.

### 8. Real Time Values (RTV) Markets Gateway Process Update

Tong Zhao provided a review of the recent change to the RTV submittal process in Markets Gateway following the change to the RTV market rules.

### 9. Update on FERC Order Rejecting ELCC Proposal

Thomas DeVita and Andrew Levitt described the FERC Order rejecting the ELCC proposal, FERC's deadlines for a paper hearing on current capacity accreditation rules, the option to file a revised ELCC proposal, and potential next steps.

### 10. PJM Administrative Rate Review

Jim Snow provided an update on the PJM Administrative Rate review initiative.

### 11. Reserve Price Formation ORDCs

Due to time constraints, this issue was not discussed during the May MIC meeting. It will be included on the June MIC meeting agenda.

### 12. Shortage Pricing

Damon Fereshetian provided education on Shortage Pricing.

## Informational Section

### Interregional Coordination Update

Materials are posted as informational only.

### South IMP/EXP Interface Consolidation

Materials are posted as informational only.

## Q1 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.
June 9	9 a.m.	WebEx	May 27	June 2
July 14	9 a.m.	WebEx	July 1	July 7
August 11	9 a.m.	WebEx	July 30	August 4
September 9	9 a.m.	WebEx	August 30	September 2
October 6	9 a.m.	WebEx	September 24	September 29
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
Morelli, Lisa (Chair)	PJM Interconnection, LLC	Not Applicable
DiSciullo, Nicholas (Secretary)	PJM Interconnection, LLC	Not Applicable
Aguilar, Fabiano Silveira	Strom Power, LLC	Other Supplier
Alfano, Melissa	Solar Energy Industries Association	None
Anders, David	PJM Interconnection, LLC	None

Anderson, Bob	Tenaska Power Services Co.	Generation Owner
Baizman, Aaron	PJM Interconnection, LLC	None
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bastian, Jeff	PJM Interconnection, LLC	None
Belley, Guillaume	Merrill Lynch Commodities, Inc.	Other Supplier
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
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
Bruno, Patrick	PJM Interconnection, LLC	None
Bryson, Michael (Mike)	PJM Interconnection, LLC	None
Burlew, Jim	PJM Interconnection, LLC	None
Burwen, Jason	Energy Storage	None
Callen, Zachary	Illinois Commerce Commission	None
Canter, David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Cao, Roger	PJM Interconnection, LLC	None
Carmean, Gregory	OPSI	None
Carroll, Rebecca	PJM Interconnection, LLC	None
Caven, Augustine	PJM Interconnection, LLC	None
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen, Hong	PJM Interconnection, LLC	None
Chmielewski, Brian	PJM Interconnection, LLC	None
Chowdhury, Meghadeep	BioUrja Power, LLC	Other Supplier
Ciabattoni, Joseph	PJM Interconnection, LLC	None
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coyne, Suzanne	PJM Interconnection, LLC	None
Croop, Danielle	PJM Interconnection, LLC	None
Curtis, Kenneth	Drilling Info, Inc.	None
Dailey, Michael	Northern Virginia Electric Cooperative	Electric Distributor
D'Alessandris, Lou	FirstEnergy Corporation	Transmission Owner
D'antonio, Phil	PJM Interconnection, LLC	None
Davis, Elizabeth (Becky)	PJM Interconnection, LLC	None
Davis, James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Delaney, Liz	Environmental Defense Fund	None
DeVita, Thomas	PJM Interconnection, LLC	None
Di Iorio, Michelle	PSEG Energy Resources & Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Corporation	Transmission Owner
Dolan, James	PJM Interconnection, LLC	None
Domian, Christin	Duquesne Light Company	Transmission Owner
Drauschak, Lisa	PJM Interconnection, LLC	None
Dropkin, Ilyana	PJM Interconnection, LLC	None
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan, Amanda	PJM Interconnection, LLC	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
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Fitzpatrick, Brian	PJM Interconnection, LLC	None
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Christian	PBF Power Marketing, LLC	Generation Owner
Gagen, Rod	Dominion Virginia Power	None
Gates, Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Genuario, Gabrielle	PJM Interconnection, LLC	None
Gibbons, Jaret	ARIPPA	None
Glazer, Craig	PJM Interconnection, LLC	None
Gluck, Jim	PJM Interconnection, LLC	None
Graham, Sophie	Adapt2 Solutions, Inc.	None
Greening, Michele	PJM Interconnection, LLC	None
Greiner, Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Guignet, Douglas	Talen Energy Marketing, LLC	Generation Owner
Guntle, Vince	American PowerNet Management	End-Use Customer
Haas, Howard	Monitoring Analytics, LLC	None
Halay, Alina	The Federal Energy Regulatory Commission	Not Applicable
Hanser, Erik	Michigan Public Service Commission	None
Hastings, David	Market Interconnection Consulting Services (MICS)	None
Hauske, Thomas	PJM Interconnection, LLC	None
Heater, Megan	PJM Interconnection, LLC	None
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Herel, Suzanne	PJM Interconnection, LLC	None
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	None
Horning, Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	None
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Hyatt, John	Monitoring Analytics, LLC	None
Hyzinski, Tom	GT Power Group	None
Iler, Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Ishwanthlal, Shaun	Brookfield Energy Marketing LP	Other Supplier
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot, Gina	Essential Power Rock Springs, LLC	Generation Owner
Jett, Jason	BYHM Capital LLC	None
Johnson, Carl	Customized Energy Solutions, Ltd.*	None
Johnston, David	Indiana Utility Regulatory Commission	None
Keegan, John (Jack)	PJM Interconnection, LLC	None
Keenan, Matthew	Jpower USA	None
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	None
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel, David	PJM Interconnection, LLC	None
Kogut, George	New York Power Authority	Other Supplier



Konowal, Richard (Rich)	PJM Interconnection, LLC	None
Kothakapu, Rakesh	Fellon McCord	None
Lamond, Bonnie	Highview Power	None
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Levitt, Andrew	PJM Interconnection, LLC	None
Li, Kanning	PJM Interconnection, LLC	None
Libbos, Robin	FirstEnergy Corporation	Transmission Owner
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Long, Glenn	PJM Interconnection, LLC	None
Lopez-Lopez, Anthony	Bryndan Associates, Inc.	None
Lu, Chenchao	PJM Interconnection, LLC	None
Mabry, David	McNees Wallace & Nurick LLC	None
Marcino, Angelo	PJM Interconnection, LLC	None
Markiewicz, Cindy	FirstEnergy Corporation	Transmission Owner
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
McArdle, Brian	NextEra Energy Marketing, LLC	Other Supplier
McGill, Susan	PJM Interconnection, LLC	None
McGlynn, Paul	PJM Interconnection, LLC	None
Mendelsohn, Mark	Freepoint Commodities, LLC	Other Supplier
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Militello, Nicole	PJM Interconnection, LLC	None
Mooney, Jeff	FirstEnergy Corporation	Transmission Owner
Nix, Emma	Gable and Associates	None
Noonan, Casey	PJM Interconnection, LLC	None
Oakes, Brian	PJM Interconnection, LLC	None
Okenfuss, James	Savion, LLC	None
Olaleye, Michael	PJM Interconnection, LLC	None
Olinger, Robert	Keystone Projects	None
Ondayko, Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Peoples, John	Duquesne Light Company	Transmission Owner
Phillips, Darlene	PJM Interconnection, LLC	None
Pilong, Christopher	PJM Interconnection, LLC	None
Poulos, Greg	CAPS	None
Pradhan, Salil	Elk Hill Solar 1, LLC	Generation Owner
Price, Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer
Rahimi, Farrokh	Open Access Technology International, Inc.	None
Rainey, John	Northern Virginia Electric Cooperative	Electric Distributor
Ray, Subhasis	Apex Clean Energy	None
Robinson, Becky	Vista Energy Marketing, L.P.	Other Supplier
Robinson, Paul	The Federal Energy Regulatory Commission	Not Applicable
Rocha-Garrido, Patricio	PJM Interconnection, LLC	None
Rodriguez, Tomas	OPSI	None
Rohrbach, John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rooney, Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Ruck, Andrew	PSEG Energy Resources & Trade LLC	Other Supplier
Rushing, Joseph	PJM Interconnection, LLC	None
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	None
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Schmitt, David	New Jersey Board of Public Utilities	None

Schuyler, Ken	PJM Interconnection, LLC	None
Shah, Vijay	PJM Interconnection, LLC	None
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Smith, Kara	Buckeye Power, Inc.	Electric Distributor
Snow, Jim	PJM Interconnection, LLC	None
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
Stadlmeyer, Rebecca	PJM Interconnection, LLC	None
Starkov, Stefan	PJM Interconnection, LLC	None
Stern, Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stone, Andy	PJM Interconnection, LLC	None
Stupar, Rob	Invenergy, LLC	Generation Owner
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Svenson, Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney, Rory	GT Power Group	None
Tangirala, Subha	ABB Enterprise Software Inc.	None
Thomas, Sharon	Energy Storage Association	None
Tibbetts, Maeve	K & L Gates	None
Tillman, Dale	Tennessee Valley Authority (The)	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	None
Tutino, Joseph	PJM Interconnection, LLC	None
Tyler, Catherine	Monitoring Analytics, LLC	None
VanderLaan, D. William	Illinois Commerce Commission	None
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Ward, Mike	PJM Interconnection, LLC	None
Warshel, Kim	PJM Interconnection, LLC	None
Whitehead, Jeffrey	GT Power Group	None
Widom, Stuart	PJM Interconnection, LLC	None
Wilson, James	Wilson Energy Economics	None
Wingfield, Derek	East Kentucky Power Cooperative, Inc.	Transmission Owner
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Yoder, Michael	RTO Insider	None
Zemanek, Kevin	Buckeye Power, Inc.	Electric Distributor
Zhang, Alvin	Bruce Power Inc.	Other Supplier
Zhang, Michael (Mike)	PJM Interconnection, LLC	None
Zhao, Tong	PJM Interconnection, LLC	None