

Market Implementation Committee (MIC)

WebEx Only

June 9, 2021

9:00 a.m. – 12:25 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 May 13, 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

Jim Davis, Dominion Energy, and Joe Bowring, IMM, reviewed the combined Dominion and IMM Problem Statement and Issue Charge addressing Compensation for Reactive Supply and Voltage Control service. Updates were made to the Key Work Activities and Out of Scope sections of the Issue Charge and a post-meeting version has been posted to the meeting materials.

The committee approved the combined Dominion and IMM Issue Charge with 166 (73%) in favor, 61 (27%) opposed, and 6 abstentions.

[Issue Tracking: Reactive Supply and Voltage Control Compensation](#)

3. Market Suspension

Stefan Starkov reviewed the PJM proposal addressing the Rules related to Market Suspension issue.

The committee endorsed the PJM proposal with 216(100%) in favor, 0 (0%) opposed and 2 abstentions.

A second vote showed stakeholders preferred the proposal over status quo with 215 (100%) in favor, 1 (0%) opposed, and 1 abstention.

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

First Readings

4. Regulation Mileage Ratio

Michael Olaleye provided a second first read of a Problem Statement and Issue Charge addressing Regulation Mileage Ratio.

The IMM will be providing an update on their proposal at the June 21 Members Committee Information Webinar.

The committee will be asked to approve the Issue Charge at its next meeting.

5. **Manual 6 Revisions**

Emmy Messina provided a first read of revisions to Manual 6: Financial Transmission Rights as part of the periodic review. The committee will be asked to endorse the revisions at its next meeting.

6. **Manual 28 Revisions**

Rebecca Stadelmeyer provided a first read of revisions to Manual 28: Operating Agreement Accounting as part of the periodic review. The committee will be asked to endorse the revisions at its next meeting.

Working Items

7. **RPM Capacity Transfer Rights**

Lisa Morelli facilitated a discussion to review the interests and design components and gather solution options from the committee. The committee will continue working the Consensus Based Issue Resolution (CBIR) process by reviewing and providing additional solution options at its next meeting. Additional interests, design components, and solution options can be provided in advance of the meeting.

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

Additional Items

8. **Reserve Price Formation ORDCs**

Patricio Rocha Garrido and Angelo Marcino provided education on the new Reserve Price Formation Operating Reserve Demand Curves (ORDCs). They provided a brief overview of proposed changes to Manual 33: Administrative Services for the PJM Interconnection Operating Agreement.

10. **2022/2023 Base Residual Auction Results**

Pete Langbein provided an update on the 2022/2023 Base Residual Auction (BRA) results.

Informational Section

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. |
| 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 |
| Anders, David | PJM Interconnection, LLC | None |
| Anderson, Jared | S&P Global Inc. | None |
| Baizman, Aaron | PJM Interconnection, LLC | None |
| Barker, Jason | Exelon Business Services Company, LLC | Transmission Owner |
| Bastian, Jeff | PJM Interconnection, LLC | None |
| Beban, Madalyn | PJM Interconnection, LLC | None |
| Benchek, Jim | American Transmission Systems, Inc. | Transmission Owner |
| Bernstein, Matthew | PJM Interconnection, LLC | None |
| Bowring, Joseph | Monitoring Analytics | None |
| Boyle, Glen | PJM Interconnection, LLC | None |
| Brodbeck, John | EDP Renewables North America, LLC | Generation Owner |
| Bruno, Joshua | PJM Interconnection, LLC | None |
| Bruno, Patrick | PJM Interconnection, LLC | None |
| Bryson, Michael (Mike) | 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 |
| Cao, Roger | PJM Interconnection, LLC | None |
| Carmean, Gregory | OPSI | None |
| Carroll, Rebecca | PJM Interconnection, LLC | None |
| Chang, Sean | Shell Energy North America (US), L.P. | Other Supplier |
| Chen, Hong | PJM Interconnection, LLC | None |

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| Chilukuri,Kalyan | PSC Consulting | None |
| Chmielewski,Brian | PJM Interconnection, LLC | None |
| Christopher,Mahila | Public Utilities Commission of Ohio (The) | None |
| Ciabattoni,Joseph | PJM Interconnection, LLC | None |
| Cocco,Michael | Old Dominion Electric Cooperative | Electric Distributor |
| Coyle,Billy | Dominion Virginia Power | None |
| Coyne,Suzanne | PJM Interconnection, LLC | None |
| D'Alessandris,Lou | FirstEnergy Corporation | Transmission Owner |
| D'antonio,Phil | PJM Interconnection, LLC | None |
| Davis,James (Jim) | Dominion Energy Generation Marketing, Inc. | Generation Owner |
| Davis,Mike | Northern Virginia Electric Cooperative | Electric Distributor |
| Dennis,Jeff | Advanced Energy Economy, Inc. | None |
| DeVita,Thomas | PJM Interconnection, LLC | None |
| Dillon,Matthew | UGI Development Company | Generation Owner |
| Dolan,James | PJM Interconnection, LLC | None |
| Downs,Jere | PJM Interconnection, LLC | None |
| Dropkin,Ilyana | PJM Interconnection, LLC | None |
| Duensing,Allison | Saracen Energy East LP | Other Supplier |
| Dugan,Chuck | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Egan,Amanda | PJM Interconnection, LLC | None |
| Elkins,Rachel | FirstEnergy Corporation | Transmission Owner |
| Ericson,Christine | Illinois Commerce Commission | None |
| Fabiano,Janell | PJM Interconnection, LLC | None |
| Fan,Zhenyu | PJM Interconnection, LLC | None |
| Farrokh,Rahimi | Open Access Technology International, Inc. | None |
| Fereshetian,Damon | PJM Interconnection, LLC | None |
| Fidler,Danielle | Earthjustice | None |
| Filomena,Guy | Customized Energy Solutions, Ltd.* | None |
| Fishback,Luke | Affirmed Energy LLC | Other Supplier |
| Fitch,Neal | NRG Power Marketing LLC | Generation Owner |
| Foladare,Kenneth | Geenex Solar LLC | Generation Owner |
| Ford,Adrien | Old Dominion Electric Cooperative | Electric Distributor |
| Frogg,Darrell | PJM Interconnection, LLC | None |
| Fuess,Christian | PBF Power Marketing, LLC | Generation Owner |
| Gates,Terry | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Gebolys,Debbie | Public Utilities Commission of Ohio (The) | None |
| Genuario,Gabrielle | PJM Interconnection, LLC | None |
| Gilani,Rehan | ConEdison Energy, Inc. | Other Supplier |
| 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 |
| Guntle,Vince | American PowerNet Management | End-Use Customer |
| Haas,Howard | Monitoring Analytics, LLC | None |
| Hanser,Erik | Michigan Public Service Commission | None |
| Harris,Makenna | Adapt2 Solutions, Inc. | None |
| Hastings,David | Market Interconnection Consulting Services (MICS) | None |
| Hauske,Thomas | PJM Interconnection, LLC | None |
| Heinle,Frederick | Office of the Peoples Counsel for the District of Columbia | End-Use Customer |
| Heisey,Bradley | Wolf Hills Energy, LLC | Generation Owner |

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| 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 |
| Holter, Natasha | 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 |
| Hyzinski, Tom | GT Power Group | None |
| Jens, Thomas | Black Oak Energy, LLC | Other Supplier |
| Jett, William | Duke Energy Business Services LLC | Transmission Owner |
| Johnson, Carl | Customized Energy Solutions, Ltd.* | None |
| Johnson, Paul | Old Dominion Electric Cooperative | Electric Distributor |
| Johnston, David | Indiana Utility Regulatory Commission | None |
| Keech, Adam | PJM Interconnection, LLC | None |
| Keegan, John (Jack) | PJM Interconnection, LLC | None |
| Keenan, Matthew | Jpower USA | None |
| Kelly, Stephen | Brookfield Energy Marketing LP | Other Supplier |
| Khan, Bakhtawar | Jersey Green Energy LLC | Other Supplier |
| Kilgallen, Kevin | Avangrid Renewables LLC | Generation Owner |
| Kogut, George | New York Power Authority | Other Supplier |
| Konowal, Richard (Rich) | PJM Interconnection, LLC | None |
| Kothakapu, Rakesh | Fellon McCord | None |
| Krasnokut, Mykola | Dominion Virginia Power | None |
| Langbein, Pete | PJM Interconnection, LLC | None |
| LaRocque, Matthew | PJM Interconnection, LLC | None |
| Lejcar, Jamie | Allegheny Electric Cooperative, Inc. | Electric Distributor |
| Li, Kanning | PJM Interconnection, LLC | None |
| Libbos, Robin | FirstEnergy Corporation | Transmission Owner |
| Lieberman, Steven | American Municipal Power, Inc. | Electric Distributor |
| 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 Power Marketing, LLC | Other Supplier |
| McGlynn, Paul | PJM Interconnection, LLC | None |
| Messina, Emmy | PJM Interconnection, LLC | None |
| Midgley, Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Mohler, Tina | PJM Interconnection, LLC | None |
| Mok, Alan | Duke Energy Kentucky, Inc. | Transmission Owner |
| Monzon, Stephanie | PJM Interconnection, LLC | None |
| Mooney, Jeff | First Energy Company | Transmission Owner |
| Nix, Emma | Gable and Associates | None |
| Okenfuss, James | Savion, LLC | None |
| Olaleye, Michael | PJM Interconnection, LLC | None |
| Ondayko, Brock | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Patel, Keyur | PJM Interconnection, LLC | None |

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| Pearce, Brian | BP Energy Company | Other Supplier |
| Pelletier, Eveline | Hydro-Quebec | None |
| Peoples, John | Duquesne Light Company | Transmission Owner |
| Philips, Marjorie | Riverside Generating Company, L.L.C. | Generation Owner |
| Phillips, Darlene | PJM Interconnection, LLC | None |
| Pilong, Christopher | PJM Interconnection, LLC | None |
| Pizzutelli, Ashley | Monongahela Power Company d/b/a Allegheny Power | Transmission Owner |
| Pratt, Nicholas (Nick) | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Proconiar, Jason | Dayton Power & Light Company (The) | Transmission Owner |
| Rainey, John | Northern Virginia Electric Cooperative | Electric Distributor |
| Ramsey, James | Suffolk Fund LLC | None |
| Ray, Subhasis | Apex Clean Energy | None |
| Redwine, Arlo | The Federal Energy Regulatory Commission | None |
| Robinson, Becky | Vista Energy Marketing, L.P. | Other Supplier |
| 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 |
| Roy Chowdhury, Meghadeep | Yes Energy, LLC | None |
| Ruck, Andrew | PSEG Energy Resources & Trade LLC | Other Supplier |
| Sasser, Jonathan | Customized Energy Solutions, Ltd.* | None |
| Scarpignato, David | Calpine Energy Services, L.P. | Generation Owner |
| Scheidecker, Paul | PJM Interconnection, LLC | None |
| Schmitt, David | New Jersey Board of Public Utilities | None |
| Schmitt, Jeffrey | PJM Interconnection, LLC | 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 |
| Sorreles, James | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Sotkiewicz, Paul | E-Cubed Policy Associates | None |
| Souder, Michelle | PJM Interconnection, LLC | None |
| 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 |
| 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 |
| Tangirala, Subha | ABB Enterprise Software Inc. | None |
| Tibbetts, Maeve | K & L Gates | None |
| Tribulski, Jennifer | PJM Interconnection, LLC | None |
| Tutino, Joseph | PJM Interconnection, LLC | None |
| Wadsworth, Joseph | Vitol Inc. | Other Supplier |
| Ward, Mike | PJM Interconnection, LLC | None |
| Warshel, Kim | PJM Interconnection, LLC | None |
| Watkins, Erik | PJM Interconnection, LLC | None |
| Whitehead, Jeffrey | GT Power Group | None |
| Widom, Stuart | PJM Interconnection, LLC | None |



Draft Minutes

As of June 15, 2021

Wisersky, Megan
Xu, Xu
Yoder, Michael
Zemanek, Kevin
Zhang, Michael (Mike)
Zhao, Tong

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

Other Supplier
None
None
Electric Distributor
None
None