

Market Implementation Committee

WebEx Only

June 3, 2020

9:00 a.m. – 4:00 p.m. EPT

Administration

Bhavana Keshavamurthy 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, 2020 Market Implementation Committee meeting by acclamation with **0 objections and 0 abstentions**.

Endorsements/Approvals

2. Manual 6 revisions

Emmy Messina reviewed updates to Manual 6: Financial Transmission Rights as part of the periodic review.

The committee endorsed the manual revisions by acclamation with 0 objections and 0 abstentions.

3. Five Minute Dispatch and Pricing

Tim Horgan and Vijay Shah reviewed the PJM proposal.

Catherine Tyler, Monitoring Analytics, reviewed the IMM proposal.

Susan Kenney reviewed the status of the work pending under this issue charge.

The committee endorsed the PJM proposal with 205(96%) in favor, 9(4%) opposed and 31 abstentions.

The committee did not endorse the IMM proposal with 64(32%) in favor, 137(68%) opposed and 44 abstentions.

A non-binding poll preferred the PJM proposal with 218 (100%) in favor over status quo 0(0%).

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

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

4. Solar-Battery Hybrids

Scott Baker provided a first read and the committee voted on the Issue Charge related to the Solar-Battery Hybrids Issue.

The committee provisionally endorsed the issue charge by acclamation with 0 objections and 1 abstentions. The issue charge will be worked at the new DIRS Subcommittee whose charter will be voted at the July MIC. If the DIRS charter is not approved at the July meeting,

this issue charge will be revisited to determine the appropriate location for this work to occur.

First Readings

5. Subcommittee Consolidation

Scott Baker proposed the sunset of the Intermittent Resources Subcommittee (IRS) and provided a first read on the charter for the Distributed and Inverter-based Resources Subcommittee (DIRS). The committee will be asked to approve the sunset of the IRS and approve the DIRS charter at the July MIC.

6. PRD Credits Disposition

Sharon Midgley, Exelon, provided a first read of the Problem Statement and Issue Charge addressing the Price Responsive Demand (PRD) Credits Disposition. The committee will be asked to vote on the issue charge approval at the July MIC.

7. Transparency in Performance Assessment Interval Settlements

Danielle Croop reviewed the problem statement and issue charge addressing additional transparency in settlement calculations for non-performance charge. The committee will be asked to vote on the issue charge approval at the July MIC.

8. Manual 14D and Manual 27 revisions

Ray Fernandez reviewed updates to Manual 14D: Generator Operational Requirements and Manual 27: Open Access Transmission Tariff Accounting related to changes to deadlines for adjustments associated with finalizing the zonal network service peak load values. The committee will be asked to endorse the manual revisions at the July MIC.

Additional Items

9. FERC Transmission Orders Requiring Reallocations and Refunds

Ray Fernandez provided updates on cost allocation issues associated with multiple orders from FERC that require resettlement.

10. Forward Looking Energy & Ancillary Services Offset Methodology

A. Gary Helm provided education on the forward looking energy and ancillary services (E&AS) offset methodology that was proposed as part of the 2014 triennial review.

B. Joe Bowring, Monitoring Analytics, provided education on the forward looking energy and ancillary services offset methodology that they have previously proposed.

A special MIC session has been scheduled for June 10 to gather stakeholder perspectives on the May 21 FERC order on PJM's Reserve Price Formation proposal. Additional special MIC sessions are scheduled for June 17 and June 30 in advance of the July 6 compliance filing.

Informational Section

Interface Pricing Points Update

This presentation provides an overview of updates being made to Interface Pricing Points. Materials are posted as informational only.

Interregional Coordination Update

Materials were posted as informational only.

Future Meeting Dates

July 8, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
August 5, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
September 2, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Nicholas DiSciullo

Webex Meeting Attendees

Names	Company Name	Sector
Morelli, Lisa (Chair)	PJM Interconnection, LLC	Not Applicable
Keshavamurthy, Bhavana (Secretary)	PJM Interconnection, LLC	Not Applicable
Abdur-Rahman, Muhsin	ABB	Not Applicable
Aguilar, Fabiano Silveira	Strom Power, LLC	Other Supplier
Anders, David	PJM Interconnection, LLC	Not Applicable
Anderson, Jared	S&P Global	Not Applicable
Baizman, Aaron	PJM Interconnection, LLC	Not Applicable
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bassett, Jeffrey	BP Energy Company	Other Supplier
Beban, Madalyn	PJM Interconnection, LLC	Not Applicable
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Berg, William	Exelon Generation Co., LLC	Generation Owner
Bernstein, Matthew	PJM Interconnection, LLC	Not Applicable
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Blair, Tom	Monitoring Analytics, LLC	Not Applicable
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bockhorn, Tim	Dayton Power & Light Company (The)	Transmission Owner
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Brandt, Andreas	Commonwealth Edison Company	Transmission Owner
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Cao, Roger	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable

Carrier, Ron	Direct Energy Business, LLC	Other Supplier
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chang, Sean	Shell Energy North America (US), LP	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Chocarro Aguirrebengoa, Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Development Company	Transmission Owner
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
Dennis, Jeff	Advanced Energy Economy, Inc.	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
DeVita, Thomas	PJM Interconnection, LLC	Not Applicable
Dillon, Matthew	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Disciullo, Nicholas	PJM Interconnection, LLC	Not Applicable
Domian, Christin	Duquesne Light Company	Transmission Owner
Dorko, Keri	Monitoring Analytics, LLC	Not Applicable
Douglass, Robert	Exelon Generation Co., LLC	Generation Owner
Downs, Jere	PJM Interconnection, LLC	Not Applicable
Drom, Richard	Eckert Seamans	Not Applicable
Duensing, Allison	Saracen Energy East LP	Other Supplier
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Everngam, Scott	The Federal Energy Regulatory Commission	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Fazio, Danielle	Noble Americas Gas & Power Corp.	Other Supplier
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
Foley, Imelda	University of Delaware	Not Applicable
Foley, Sheila	PJM Interconnection, LLC	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
Fuller, Peter	NRG Power Marketing, LLC	Generation Owner
Gahimer, Michael	IN Office of Utility Consumer Counselor	End User Customer
Gallo, Mike	Solar Frontier	Other Supplier
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates, Terry	Appalachian Power Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gluck, Jim	PJM Interconnection, LLC	Not Applicable
Grant, Andrew	Geronimo Energy	Not Applicable
Greening, Michele	PJM Interconnection, LLC	Not Applicable

Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hastings, David	Market Interconnection Consulting Services (MICS)	Not Applicable
Hatch, Kevin	PJM Interconnection, LLC	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Heidorn, Richard	RTO Insider	Not Applicable
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Helm, Gary	PJM Interconnection, LLC	Not Applicable
Herel, Suzanne	PJM Interconnection, LLC	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Holland, Cynthia	New Jersey Board of Public Utilities	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
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
Horton, Dana	Appalachian Power Company	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Huang, Jame	Rockland Electric Company	Transmission Owner
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hull, Gerit	Jennings, Strouss & Salmon, P.L.C.	Not Applicable
Hyzinski, Tom	GT Power Group	Not Applicable
Iler, Art	American Municipal Power, Inc.	Electric Distributor
Iyer, Shrikant	Exelon Generation Co., LLC	Generation Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jens, Thomas	Black Oak Energy, LLC	Other Supplier
Jett, William	Duke Energy Business Services LLC	Generation Owner
Jha, Monica	PCI	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnson, David	IN Utility Regulatory Commission	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Kalle, Ibrahima	Tibiri Energies	Not Applicable
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Keenan, Matthew	Jpower USA	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Kim, Jiyeon	Constellation Energy Commodities Group, Inc.	Other Supplier
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kogut, George	New York Power Authority	Other Supplier
Kozhuharov, Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Lawson, David	GenOn Energy Management, LLC	Generation Owner
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Litchfield, Matthew	CPV Shore, LLC	Generation Owner
Lowe, Connie	Dominion Virginia Power	Not Applicable

Lu, Alyssa	FERC	Not Applicable
Lu, Chenchao	PJM Interconnection, LLC	Not Applicable
Luna, Joel	Monitoring Analytics, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Marinelli, Rich	PSEG Energy Resources and Trade LLC	Transmission Owner
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McElwaine, Kathy	PJM Interconnection, LLC	Not Applicable
McGlynn, Paul	PJM Interconnection, LLC	Not Applicable
McLavery, Megan	PJM Interconnection, LLC	Not Applicable
Meadors, Mandi	Duke Energy	Transmission Owner
Messina, Emmy	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mok, Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Nix, Emma	Gable and Associates	Not Applicable
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Patterson, Aaron	The NorthBridge Group	Not Applicable
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Philips, Marji	Direct Energy Business, LLC	Other Supplier
Phillips, Darlene	PJM Interconnection, LLC	Not Applicable
Phillips, Jennifer	C.P. Crane LLC	Generation Owner
Pilong, Christopher	PJM Interconnection, LLC	Not Applicable
Pizzutelli, Ashley	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Rainey, John	Northern Virginia Electric Cooperative	Electric Distributor
Rajan, Abhijit	Dominion Resources	Not Applicable
Rayhorn, Carolyn	Dominion Virginia Power	Not Applicable
Robinson, Becky	Vistra Energy	Not Applicable
Robinson, Paul	FERC	Not Applicable
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Rodriguez, Tomas	Illinois gov office	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rumsey, Amanda	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Salaneck, Alexandra	Monitoring Analytics, LLC	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Scheirer, Alexandra	PJM Interconnection, LLC	Not Applicable
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Seide, Richard	Apex Clean Energy	Not Applicable
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sharp, Michael	Duke Energy Commercial Asset Management, Inc.	Generation Owner
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable

Sims, Ryan
Sotkiewicz, Paul
Souder, Michelle
Squibb, Bill
Sterling, John
Stern, Alexander (Alex)
Stone, Andy
Sturgeon, John
Suh, Jung
Svenson, Heather
Swalwell, Brad
Sweeney, Rory
Tangirala, Subha
Theodore, Sharon
Tibbetts, Maeve
Tribulski, Jennifer
Tyler, Catherine
VanderLaan, D. William
Vayda, Brian
Walter, Laura
Wangdi, Tsering
Ward, Michael
Watson, Betty
Weeks, Thomas
Whitehead, Jeffrey
Wilson, James
Wisersky, Megan
Yoder, Michael

Interstate Gas Supply, Inc
E-Cubed Policy Associates
PJM Interconnection, LLC
Ohio Valley Electric
First Solar Inc.
Public Service Electric & Gas Company
PJM Interconnection, LLC
Duke Energy Carolinas, LLC
Calpine Energy Services, L.P.
Public Service Electric & Gas Company
Tangent Energy Solutions, Inc.
GT Power Group
ABB
Electric Power Supply Association
Pierce Atwood
PJM Interconnection, LLC
Monitoring Analytics
Illinois Commerce Commission
Borough of Park Ridge, NJ
PJM Interconnection, LLC
TransAlta Energy Marketing, Inc.
PJM Interconnection, LLC
SolarCity
Michigan Public Power Agency
GT Power Group
Wilson Energy Economics
Madison Gas & Electric Company
RTO Insider

Other Supplier
Not Applicable
Not Applicable
Generation Owner
Not Applicable
Transmission Owner
Not Applicable
Other Supplier
Generation Owner
Transmission Owner
Other Supplier
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Electric Distributor
Not Applicable
Other Supplier
Not Applicable
Not Applicable
Generation Owner
Not Applicable
Not Applicable
Other Supplier
Not Applicable