

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 Horgar 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
Benchek, 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



Other Supplier  
Not Applicable  
Other Supplier  
Not Applicable  
Generation Owner  
Not Applicable  
Not Applicable  
Not Applicable  
Transmission Owner  
Transmission Owner  
Not Applicable  
Generation Owner  
Not Applicable  
Other Supplier  
Not Applicable  
Generation Owner  
Transmission Owner  
Not Applicable  
Transmission Owner  
Not Applicable  
Generation Owner  
Not Applicable  
Not Applicable  
Other Supplier  
Transmission Owner  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Other Supplier  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Electric Distributor  
Not Applicable  
Generation Owner  
Generation Owner  
End User Customer  
Other Supplier  
Transmission Owner  
Transmission Owner  
Not Applicable  
Not Applicable  
Other Supplier  
Not Applicable  
Not Applicable  
Not Applicable

Greiner, Gary  
Hastings, David  
Hatch, Kevin  
Hauske, Thomas  
Heidorn, Richard  
Heisey, Bradley  
Helm, Gary  
Herel, Suzanne  
Hoatson, Tom  
Hohenshilt, Jennifer  
Holdbrook, Ruth  
Holland, Cynthia  
Holter, Natasha  
Horger, Tim  
Horning, Lynn Marie  
Horstmann, John  
Horton, Dana  
Hsia, Eric  
Huang, Jame  
Hudis, Gabriella  
Hull, Gerit  
Hyzinski, Tom  
Iler, Art  
Iyer, Shrikant  
Janicki, Diane  
Jens, Thomas  
Jett, William  
Jha, Monica  
Johnson, Carl  
Johnson, David  
Josyula, Siva  
Kalle, Ibrahima  
Kauffman, Brian  
Keech, Adam  
Keenan, Matthew  
Kelly, Stephen  
Kenney, Susan  
Kilgallen, Kevin  
Kim, Jiyeon  
Kingston, Amber  
Kogut, George  
Kozhuharov, Dimitar  
Langbein, Pete  
LaRocque, Matthew  
Lawson, David  
Lejcar, Jamie  
Liang-Nicol, Cecilia  
Libbos, Robin  
Litchfield, Matthew  
Lowe, Connie

PSEG Energy Resources and Trade LLC  
Market Interconnection Consulting Services (MICS)  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
RTO Insider  
Wolf Hills Energy, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
Riverside Generating, LLC  
Talen Energy Marketing, LLC  
Northern Virginia Electric Cooperative  
New Jersey Board of Public Utilities  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
Customized Energy Solutions, Ltd.  
Dayton Power & Light Company (The)  
Appalachian Power Company  
PJM Interconnection, LLC  
Rockland Electric Company  
Jersey Green Energy LLC  
Jennings, Strouss & Salmon, P.L.C.  
GT Power Group  
American Municipal Power, Inc.  
Exelon Generation Co., LLC  
Boston Energy Trading & Marketing, LLC  
Black Oak Energy, LLC  
Duke Energy Business Services LLC  
PCI  
Customized Energy Solutions, Ltd.  
IN Utility Regulatory Commission  
Monitoring Analytics, LLC  
Tibiri Energies  
EnerNOC, Inc.  
PJM Interconnection, LLC  
Jpower USA  
Brookfield Energy Marketing LP  
PJM Interconnection, LLC  
Avangrid Renewables LLC  
Constellation Energy Commodities Group, Inc.  
North Carolina Electric Membership Corporation  
New York Power Authority  
Delaware Municipal Electric Corporation, Inc.  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
GenOn Energy Management, LLC  
Allegheny Electric Cooperative, Inc.  
Monongahela Power Company d/b/a Allegheny Power  
FirstEnergy Solutions Corp.  
CPV Shore, LLC  
Dominion Virginia Power

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