

Market Implementation Committee  
WebEx / Conference & Training Center  
July 12, 2023  
9:00 a.m. – 2:00 p.m. EPT

## Administration (9:00 – 9:05)

Amanda Martin reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation and the WebEx Participant Identification Requirements.

**The Committee approved the draft minutes from the June 7, 2023 Market Implementation Committee by acclamation with 0 objections and 0 abstentions.**

## Endorsements/Approvals (9:35 – 11:20)

1. Interconnection Process Reform Manual Revisions (9:35 – 9:50)  
Heather Reiter presented conforming revisions to Manual 6: Financial Transmission Rights, Manual 18: PJM Capacity Market, Manual 27: Open Access Transmission Tariff Accounting, and Manual 28: Operating Agreement Accounting as part of the Interconnection Process Reform.  
**The committee endorsed the revisions at this meeting by acclamation with 0 objections and 0 abstentions.**
2. Capacity Offer Opportunities for Generation with Co-located Load (9:50 – 10:35)  
Foluso Afelumo solicited stakeholder feedback deferring an endorsement vote on the packages in order for further package development to occur. With support from stakeholders, the Chair deferred the endorsement to the August meeting.  
**The committee will be asked to endorse packages at its next meeting.**  
[Issue Tracking: Capacity Offer Opportunities for Generation with Co-located Load](#)

## First Reads (10:35 – 12:05)

3. Reactive Supply and Voltage Compensation (10:35 – 12:05)
  - b. Danielle Croop provided an overview on the history, process, and package comparison for the issue.
  - c. Bruce Grabow, Locke Lord, presented the Clean Energy Caucus package.
  - d. Glen Boyle presented the PJM package.
  - e. Joe Bowring, Monitoring Analytics, presented the IMM packages.
  - f. Foluso Afelumo lead a discussion on the packages presented.

The committee will be asked to endorse a package at its next meeting.  
[Issue Tracking: Reactive Supply and Voltage Control Compensation](#)

## Lunch (12:05 – 1:00)

## Working Items (1:00 – 1:20)

4. Local Considerations in Net Cost of New Entry (CONE) (1:00 – 1:20)  
Paul Sotkiewicz, E-Cubed Policy Associates, will present the E-Cubed package.

## [Issue Tracking: Local Considerations in Net Cost of New Entry](#)

### Additional Items (1:20 – 2:00)

5. Cost Development Subcommittee Update (1:20 – 1:25)  
Nicole Scott provided a Cost Development Subcommittee update.
6. Next Generation Markets (nGEM) Update (1:25 – 1:40)  
Ray Fernandez provided an update on the nGEM project.
7. Minimum Operating Parameter Matrix Update (1:40 – 1:50)  
Lauren Strella Wahba provided an overview for a new technology type and associated proxy parameters added to the Minimum Operating Parameter Matrix.
8. Distributed Resources Subcommittee Update (1:50 – 2:00)  
Ilyana Dropkin provided a Distributed Resources Subcommittee update. The committee plans to review the Automating Bid Duration for Economic Demand Response Participating in Energy Markets Issue Charge at the August MIC.

### Informational Section

#### Reserve Price Formation Update

Materials are posted as informational only.

#### Interregional Coordination Update

Materials are posted as informational only.

#### Stability Limits in Markets and Operations

Materials are posted as informational only.

#### ARR FTR Market Task Force (AFMTF)

Meeting materials are posted to the [AFMTF website](#).

#### Reactive Power Compensation Task Force (RPCTF)

Meeting materials are posted to the [RPCTF website](#).

#### Cost Development Subcommittee (CDS)

Meeting materials are posted to the [CDS website](#).

#### Distributed Resources Subcommittee (DISRS)

Meeting materials are posted to the [DISRS 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.
August 9	9 a.m.	WebEx / Conference & Training Center	July 28	August 2
September 6	9 a.m.	WebEx / Conference & Training Center	August 25	August 30
October 4	9 a.m.	WebEx / Conference & Training Center	September 22	September 27
November 1	9 a.m.	WebEx / Conference & Training Center	October 20	October 25
December 6	9 a.m.	WebEx / Conference & Training Center	November 22	November 29

Author: A. Martin

## Attendance

In-Person			
Last Name	First Name	Company Name	Sector
Afelumo	Foluso	PJM Interconnection	None
Martin	Amanda	PJM Interconnection	None
bastian	jeffrey	PJM Interconnection	None
Boyle	Glen	PJM Interconnection	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Cabezas	Angela	PJM Interconnection	None
Carroll	Rebecca	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Ciabattoni	Joseph	PJM Interconnection	None
Dumitriu	Nicolae	PJM Interconnection	None
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Esterly	Theresa	PJM Interconnection	None
Fabiano	Janell	PJM Interconnection	None
Fernandez	Ray	PJM Interconnection	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Greening	Michele	PJM Interconnection	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger	Tim	PJM Interconnection	None
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Lai	Erin	PJM Interconnection	None
LeithYessian	Devin	RTOinsider	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Reiter	Heather	PJM Interconnection	None
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Scarpignato	Dominic	Scarp Industries	None
Sims	Mark	PJM Interconnection	None
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Sweeney	Rory	Power Prose, Inc.	None

Webex			
Last Name	First Name	Company	Sector
Afelumo	Foluso	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Asplund	Russell	Northstar Trading Ltd.	Other Supplier
Baer	Madelyn	Buckeye Power, Inc.	Electric Distributor

Belenky	Maria	PJM Interconnection	None
Benckek	James	American Transmission Systems, Inc.	Transmission Owner
Berg	William	Constellation Energy Generation, LLC	Generation Owner
Berthiaume	Scott	Rockland Electric Company	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Bowring	Joe	Monitoring Analytics	None
Boyle	Glen	PJM Interconnection	None
Cabezas	Angela	PJM Connect	None
Cao	Roger	PJM Interconnection	None
Carmean	Gregory	Organization of PJM States, Inc.	None
Carrier	Ronald	Big Lake Consulting Group, LLC	None
Carroll	Rebecca	PJM Interconnection	None
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Caven	Augustine	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cosby	Sarah	Dominion Virginia Power	Transmission Owner
Coyne	Suzanne	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Dantonio	Phil	PJM Interconnection	None
Davis	David	Apex Clean Energy Holdings, LLC	None
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeVita	Thomas	PJM Interconnection	None
Dierksheide	Andrew	Interstate Gas Supply, LLC	Other Supplier
Dillon	Matthew	UGI Development Company	Generation Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Douglass	Robert	Constellation Energy Generation, LLC	Generation Owner
Dowd	Nate	Burns and McDonnell	None
Drom	Rick	Rick Drom	None
Dropkin	Ilyana	PJM Interconnection	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ejebe	Gabriel	Open Access Technology International, Inc.	None
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Everngam	Scott	Blue Horseshoe Energy LLC	None
Fabiano	Janell	PJM Interconnection	None
fan	zhenyu	PJM Interconnection	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fink	Sari	American Clean Power	None
Fitzpatrick	Brian	PJM Interconnection	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Franks	Christine	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fuller	Peter	Autumn Lane Energy Consulting LLC	None
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Gaddes	Caleb	Lightsource Renewably Energy Development, LLC	Other Supplier
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gilani	Rehan	Cosolidated Edison Company of New York, Inc.	Other Supplier
Gordon	Jon	Advanced Energy United	None
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Grabow	Bruce	Locke Lord LLP	None
Greening	Michele	PJM Interconnection	None
handlin	mike	PJM Interconnection	None
Hartung	Shanna	PJM Interconnection	None
Hastings	David	PJM Committee Voting Generic Account	Other Supplier
Hauske	Thomas	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None

Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hoey	Edward	PJM Interconnection	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Holland	Risa	PJM Interconnection	None
Holter	Natasha	PJM Interconnection	None
Horigan	Walter	Tangibl Group, Inc.	None
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hounshell	Jacob	Buckeye Power, Inc.	Electric Distributor
Hsia	Eric	PJM Interconnection	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Thomas	GT Power Group	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Jones	Scott	Indiana Office of Utility Consumer Sounselor	None
Kalaskar	Rahul	AES Laurel Mountain, LLC	Generation Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Keshavamurthy	Bhavana	PJM Interconnection	None
Kim	Caleb	Dayton Power & Light Company (The)	Transmission Owner
Kim	Sung	PJM Interconnection	None
Kimmel	David	PJM Interconnection	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
LaVista	William	RWE Clean Energy, LLC	Generation Owner
Lawton	Alex	Advanced Energy United	None
Lee	Ray	PJM Interconnection	None
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
Leith-Yessian	Devin	RTO Insider	None
Lejcar	Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Liang-Nicol	Cecilia	Allegheny Power (MonPwr Gen)	Generation Owner
Lockwood	Daniel	PJM Interconnection	None
Lucia	Seth	Constellation Energy Generation, LLC	Generation Owner
Mali	Gizella	PJM Interconnection	None
Martin	Amanda	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Matheson	Douglas	SYSO Inc.	Other Supplier
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McClelland	Maura	Public Utilities Commission of Ohio	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McLaverty	Megan	PJM Interconnection	None
McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Mekala	Karthik	RWE Clean Energy, LLC	Generation Owner
Messina	Emmy	PJM Interconnection	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mohler	Tina	PJM Interconnection	None
Morelli	Lisa	PJM Interconnection	None
Moye	Robert	Commonwealth Chesapeake Company, LLC	Generation Owner
Mucher	Andrea	Delaware Division of the Public Advocate	None
Murugan	Arjunkumar	EEPLUS	None
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
ODonnell	Colleen	PUCO	None
OHara	Bernard	Sargemt and Lundy	None
Olaleye	Michael	PJM Interconnection	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Parrot	Sarah	Public Utilities Commission of Ohio	None

Patel	Anita	PJM Interconnection	None
patel	keyurbhai	PJM Interconnection	None
Peoples	John	Duquesne Light Company	Transmission Owner
Pfeiff	Mike	OATI, Inc	None
Phillips	Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Pilong	Christopher	PJM Interconnection	None
Pilong	Melissa	PJM Interconnection	None
Poulos	Greg	PJM Committee Voting Generic Account	None
Procutiar	Jason	Buckeye Power, Inc.	Electric Distributor
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schmatz	Peter	PSEG Energy Resources and Trade LLC	Other Supplier
Schreim	Morris	Maryland Public Service Commission	None
Schuylar	Ken	PJM Interconnection	None
Scott	Nicole	PJM Interconnection	None
Seibel	August	IMG Midstream LLC	Generation Owner
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shanker	Roy	East Coast Power Linden Holding, L.L.C.	Generation Owner
shegarfi	roozbeh	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Sillin	John	FERC	None
Skucas	Ruta	PJM Committee Voting Generic Account	None
Sloan	Ben	Organization of PJM States, Inc.	None
Smith	Kara	Ohio Edison Company	Electric Distributor
Sorrels	James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Souder	Michelle	PJM Interconnection	None
Sparks	Bridget	sPower Development Company, LLC	Generation Owner
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Stefanowicz	Vincent	PJM Interconnection	None
Stemetzki	Michael	PJM Interconnection	None
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stone	Andy	Andy Stone	None
Strella Wahba	Lauren	PJM Interconnection	None
Strom	Ryan	Buckeye Power, Inc.	Electric Distributor
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Power Prose, Inc.	None
Theodore	Sharon	Electric Power Supply Association	None
Tubridy	Meg	Rockland Electric Company	Transmission Owner
Ushijima	Hiroaki	J-Power	Generation Owner
VanBlargan	Bryna	Sabinsville SunPower, LLC	None
Vinnik	Daniel	PJM Interconnection	None
Walcavich	Colin	Green River Holdings, LLC	Generation Owner
Wehnes	Kathleen	retired	None
Whitehead	Jeffrey	GT Power Group	None
Wilkinson	Eric	Orsted	None
Wilson	James	Wilson Energy Economics	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Xu	Xu	PJM Interconnection	None
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Zhang	Mike	PJM Interconnection	None

#### Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

#### Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

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