

Market Implementation Committee  
PJM Conference & Training Center/Webex  
August 7, 2024  
9:00 a.m. – 12:15 p.m. EPT

## Administration (9:00 – 9:05)

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

**The committee approved the draft minutes from the July 10, 2024 Market Implementation Committee meeting by acclamation with 0 objections and 0 abstentions.**

## Endorsements (9:05 – 10:00)

### 1. Manual 06 Periodic Review (9:05 – 9:15)

Emmy Messina, PJM, presented revisions to Manual 06: Financial Transmission Rights as part of the periodic review.

**The committee endorsed the revisions at this meeting by acclamation with 0 objections and 0 abstentions.**

### 2. Evaluation of Energy Efficiency Resources (9:15 – 10:15)

a. Package sponsors reviewed updates to their packages.

b. Pete Langbein reviewed potential governing document and manual impacts as a result of the packages.

[Issue Tracking: Evaluation of Energy Efficiency Resources](#)

### The committee endorsed the following packages:

- **PJM Package with 154 (65.5%) in favor, 81 (34.5%) opposed, and 4 abstentions. A second vote showed stakeholders preferred the PJM Package over status quo with 163 (68.8%) in favor, 74 (31.2%) opposed, and 2 abstentions.**

### The committee did not endorse the following packages:

- **IMM Package with 111 (50%) in favor, 111 (50%) opposed, and 17 abstentions. A second vote showed stakeholders preferred the IMM Package over status quo with 121 (54%) in favor, 103 (46%) opposed, and 15 abstentions.**
- **Affirmed Energy Package with 5 (2.2%) in favor, 223 (97.8%) opposed, and 11 abstentions. A second vote showed stakeholders did not prefer the Affirmed Energy Package over status quo with 3 (1.3%) in favor, 223 (98.7%) opposed, and 11 abstentions.**
- **Exelon Package (E) with 81 (37.2%) in favor, 137 (62.8%) opposed, and 21 abstentions. A second vote showed stakeholders did not prefer the Exelon Package over status quo with 88 (39.3%) in favor, 136 (60.7%) opposed, and 15 abstentions.**

**The PJM Package will move to the Markets & Reliability Committee as the Main Motion.**

## First Reads (10:15 – 10:45)

3. Manual 15 Periodic Review (10:15 – 10:25)  
Jennifer Warner-Freeman, PJM, presented Manual 15: Cost Development Guidelines as part of the periodic review.  
The committee will be asked to endorse the revisions at its next meeting.
4. Interface Pricing (10:25 – 10:45)  
Phil D'Antonio, PJM, reviewed a problem statement and issue charge to discuss potential modifications to interface pricing.  
The committee will be asked to approve the issue charge and endorse the solution concept as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at its next meeting.

## Additional Items (10:45 – 11:20)

5. Distributed Resources Subcommittee Update (10:45 – 10:50)  
Ilyana Dropkin, PJM, provided a Distributed Resources Subcommittee update.
6. Guidance for Offering Dual Fuel Units (10:50 – 11:10)  
Joey Tutino, PJM, provided education on guidance for offering dual fuel units.
7. ER24-98 Status Update (11:10 – 11:20)  
Pat Bruno, PJM, provided a status update on the potential refiling of certain components of ER24-98.

## Working Items (11:20 – 12:15)

8. Demand Response Availability Window (11:20 – 12:15)
  - a. ~~Joe Bowring, Monitoring Analytics, will present education demand response.~~
  - b. Pat Bruno, PJM, presented follow-up education on ELCC data.
  - c. Foluso Afelumo led a discussion on design components and status quo within the matrix.

## Informational Section

Interregional Coordination Update  
Materials are posted as informational only.

Stability Limits in Markets and Operations  
Materials are posted as informational only.

PJM Net Energy Injections Quarterly Review  
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](#).

## 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](#).

## Attendance

In-Person			
Last Name	First Name	Company Name	Sector
Afelumo	Foluso	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Arkatin	Tyler	PJM Interconnection	None
Barker	Jason	Vitol Inc.	Generation Owner
Bruno	Patrick	PJM Interconnection	None
Carroll	Rebecca	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Connolly	Matthew	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Dantonio	Phil	PJM Interconnection	None
Dropkin	Ilyana	PJM Interconnection	None
Graf	Walter	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Hall	Mary	PJM Interconnection	None
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Horger	Tim	PJM Interconnection	None
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Kogut	George	New York Power Authority	Other Supplier
Lacek	Mollie	PJM Interconnection	None
LeithYessian	Devin	RTOinsider	None
Mabry	David	McNees Wallace & Nurick LLC	None
Marsalo	Sophia	Constellation Energy Generation, LLC	Generation Owner
Martin	Amanda	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
Mason	Gary	Monongahela Power Company	Transmission Owner
Messina	Emmy	PJM Interconnection	None
Morelli	Lisa	PJM Interconnection	None
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Scheirer	Alex	PJM Interconnection	None
Starkov	Stefan	PJM Interconnection	None
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tutino	Joey	PJM Interconnection	None
Warner-Freeman	Jennifer	PJM Interconnection	None
Webex			
Last Name	First Name	Company	Sector
Abdur-Rahman	Muhsin	Dynegy Marketing and Trade, LLC (DECAM)	Generation Owner
Afelumo	Foluso	PJM Interconnection	None
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anders	David	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner

Anderson	Jared	S&P Global	None
Arkatin	Tyler	PJM Interconnection	None
Baker	Laura	Stone, Mattheis, Xenopoulos & Brew, PC	None
Baker	Scott	PJM Interconnection	None
Barker	Jason	Vitol Inc.	Generation Owner
Barmack	Matthew	Calpine Energy Services, L.P.	Generation Owner
Barrett	Emily	PJM Interconnection	None
Bautista	Alejandro	Exelon Business Services Company, LLC	Transmission Owner
Belenky	Maria	PJM Interconnection	None
Benner	William	PJM Interconnection	None
Bernabeu	Emanuel	PJM	None
Bernstein	Matthew	PJM Interconnection	None
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Boehnlein	Andrew	Virginia State Corporation Commission	None
Bowker	Shannon	PJM Interconnection	None
Bowring	Joe	Monitoring Analytics	None
Branch	John	Enel X North America	Other Supplier
Breidenbaugh	Aaron	Enerwise Global Technologies, LLC	Other Supplier
Bresler	Stu	PJM Interconnection	None
Brodbeck	John	EDP Renewables	Generation Owner
Bruno	Joshua	PJM Interconnection	None
Bryson	Michael	PJM Internal	None
Cabezas	Angela	PJM Connect	None
Callen	Zachary	Illinois Commerce Commission	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Carmean	Gregory	Organization of PJM States, Inc.	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chee	Yee Hong	MCG Energy Solutions, LLC	None
Chmielewski	Brian	PJM Interconnection	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Ciabattoni	Joe	PJM Interconnection	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Connolly	Matthew	PJM Interconnection	None
Cox	Jason	EQ Energy Advisors, LLC	None
Coyne	Suzanne	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Curtis	Kenneth	Enverus, Inc.	None
Cusick	Kerinia	Center for Renewables Integration	None
Dadourian	John	Monitoring Analytics	None
Dalton	David	Virginia State Corporation Commission	None
Dantonio	Phil	PJM Interconnection	None
Davis	David	Apex Clean Energy Holdings, LLC	None
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DiNicola	Laura	American Transmission Systems, Inc.	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Connect	None
Drake	C	Ormat Technologies, Inc.	None
Drauschak	Lisa	PJM Interconnection	None
Drom	Rick	Rick Drom	None
Dropkin	Ilyana	PJM Interconnection	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection	None
EJEBE	GABRIEL	Open Access Technology International, Inc.	None
Esterly	Theresa	PJM Interconnection	None
Everngam	Scott	Blue Horseshoe Energy LLC	None
fan	zhenyu	PJM Interconnection	None
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Fishback	Luke	Affirmed Energy LLC (WMP)	Other Supplier
Fitzpatrick	Brian	PJM Interconnection	None

Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Fox	Angela	Affirmed Energy LLC (WMP)	Other Supplier
Franks	Edmund	PJM Interconnection	None
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Gaddes	Caleb	Whitetail Solar 1, LLC	Generation Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates	Tery	Appalachian Power Company (AEP Generation)	Transmission Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Glattfelder	Matt	Virginia State Corporation Commission	End-Use Customer
Glazer	Craig	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gordon	Jonathan	Advanced Energy Economy	None
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Greene	Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection	None
Hanawa	Angie	Enel X North America, Inc.	Other Supplier
handlin	mike	PJM Interconnection	None
Hanser	Erik	Michigan Public Service Commission	None
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hatch	Kevin	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hooker	Marquette	Dominion Virginia Power	Transmission Owner
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hsia	Eric	PJM Interconnection	None
Hu	Yong	PJM Interconnection	None
Hudis	Gabriella	Gabel Associates	None
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Arthur	Indiana Office of Utility Consumer Counselor	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jaramillo	Gilbert	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnson	Amanda	Duquesne Light Company	Transmission Owner
Johnston	David	Other	None
Jones	Allie	Northeastern REMC	Electric Distributor
Jones	Scott	Other	None
Keech	Adam	PJM Interconnection	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Keshavamurthy	Bhavana	PJM Interconnection	None
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kim	Sung	PJM Interconnection	None
Kirk	Ryan	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Konowal	Richard	PJM Interconnection	None
kosner	bob	Illinois Municipal Electric Agency	Electric Distributor
Lacek	Mollie	PJM Interconnection	None
Lafayette	Robin	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Langbein	Peter	PJM Interconnection	None
Leith-Yessian	Devin	RTO Insider	None
Lejcar	Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Marcino	Angelo	PJM Interconnection	None
Martin	Amanda	PJM Interconnection	None

Marzewski	Skyler	PJM Interconnection	None
Mason	Gary	Monongahela Power Company	Transmission Owner
Matheson	Eric	Non-member	None
McAnany	James	PJM Interconnection	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McClure	Emily	Illinois Commerce Commission	None
Mccorry	Hannah	Illinois Commerce Commission	End-Use Customer
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner
McDewell	Christian	Pennsylvania Public Utility Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
Messina	Emmy	PJM Interconnection	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mihaly	Imola	Nautilus Power, LLC	Generation Owner
Miller	John	Calico Energy	None
Mohler	Tina	PJM Interconnection	None
Nesa	Amanatun	Monitoring Analytics	None
Nix	Emma	EDF Renewable Development, Inc.	Generation Owner
Noonan	Casey	PJM Interconnection	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pacella	Chris	PJM Interconnection	None
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Patel	Harshil	PJM Interconnection	None
Patel	Anita	PJM Interconnection	None
patel	keyurbhai	PJM Interconnection	None
Pearlman	Toba	Illinois Commerce Commission	None
Peoples	J	Duquesne Light Company	Transmission Owner
Petrov	Matt	PJM Interconnection	None
Phillips	Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pilong	Melissa	PJM Interconnection	None
Pilong	Christopher	PJM Interconnection	None
Pohlod	Michael	Voltus, Inc.	Other Supplier
Powers	Sean	Messer LLC	End-Use Customer
Raghavan	Vijay	Engelhart Commodities Trading Partners	Other Supplier
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None
Reffner	Brent	PJM Interconnection	None
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Roberts	Casey	Sierra Club	None
Rocha-Garrido	Patricio	PJM Interconnection	None
Rode	Advait	Michigan Public Service Commission	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
Salman	Tony	Duke Energy Business Services LLC	Transmission Owner
Samuel	Allison	Virginia State Corporation Commission	None
Samuel	Allison	Virginia State Corporation Commission	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scheidecker	Paul	Monitoring Analytics	None
Schuyler	Ken	PJM Interconnection	None
Seelaus	Andy	Enerwise Global Technologies, LLC	Other Supplier
Selick	Sam	Customized Energy Solutions, Ltd.	None
Skucas	Ruta	PJM Committee Voting Generic Account	None
Sloan	Ben	Organization of PJM States, Inc.	None
Sorrels	James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	Joshua	PJM Interconnection	None
Souder	Michelle	PJM Interconnection	None
Spears	Benjamin	Urban Grid Solar Projects, LLC	Generation Owner



Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stone	Andy	Andy Stone	None
Storino	Laura	NJ Board of Public Utilities	None
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sussler	Philip	Office of People's counsel	End-Use Customer
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Talebi	Tessa	FERC	None
Taylor	Daniel	PJM Interconnection	None
Theodore	Sharon	Electric Power Supply Association	None
Tierney-Lloyd	Mona	Enel X North America, Inc.	Other Supplier
Tribulski	Jennifer	PJM Interconnection	None
Tutino	Joseph	PJM Interconnection	None
Unger	Matthew	Virginia State Corporation Commission	End-Use Customer
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
VanderLaan	William	Illinois Commerce Commission	None
Vanderveldt	Rena	Loudoun County	None
Vinnik	Daniel	PJM Interconnection	None
Walcavich	Colin	Equinor Renewables	None
Warner-Freeman	Jennifer	PJM Interconnection	None
Waweru	James	PJM Interconnection	None
Wharton	Matthew	PJM Interconnection	None
Wingfield	Derek	East Kentucky Power Cooperative, Inc.	Transmission Owner
Youth	Michael	North Carolina Electric Membership Corporation	Electric Distributor
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Zappa	Jeaneen	Keystone Energy Efficiency Alliance	None
Zhang	Mike	PJM Interconnection	None
Zhou	Ming	DXT Commodities North America Inc.	Other Supplier

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
September 11	9 a.m.	WebEx / Conference & Training Center	August 30	September 4
October 9	9 a.m.	WebEx / Conference & Training Center	September 27	October 2
November 7	9 a.m.	WebEx / Conference & Training Center	October 26	October 31
December 4	9 a.m.	WebEx / Conference & Training Center	November 22	November 27

\*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.

Author: Amanda Martin

**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 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. Expectations for participating in PJM activities are further detailed in the [PJM Code of Conduct](#).

**Public Meetings/Media Participation:**

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed

transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

#### Participant Identification in Webex:

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#### On the Phone, Dial



to Mute/Unmute

#### Linking Teleconference Connection to Webex

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#### Join a Meeting

1. Join meeting in the Webex desktop client
2. Enter name (*First and Last\**) and corporate email
3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

*\*Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*

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