

Market Implementation Committee
PJM Conference & Training Center/Webex
July 10, 2024
9:00 a.m. – 3:10 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 June 5, 2024 Market Implementation Committee meeting and the June 24, 2024 MIC Special Sessions on Financial Parameters in CONE and the Evaluation of Energy Efficiency Resources by acclamation with 0 objections and 0 abstentions.

Endorsements (9:05 – 10:05)

1. Re-evaluation of Financial Parameters Used in CONE for 2027/28 BRA (9:05 – 10:05)
 - a. Skyler Marzewski, PJM, presented a revised problem statement, issue charge, and proposed solution on the re-evaluation of financial parameters used in the Cost of New Entry for the 2027/28 Base Residual Auction.
 - b. Sam Newell, Brattle, presented updated values.

The committee approved the issue charge by acclamation with 0 objections and 21 abstentions and endorsed the solution concept as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at this meeting by acclamation with 13 objections and 23 abstentions and preferred the solution over the status quo by acclamation with 13 objections and 21 abstentions.

First Reads (10:05 – 12:15)

2. Manual 06 Periodic Review (10:05 – 10:15)

Emmy Messina, PJM, presented revisions to Manual 06: Financial Transmission Rights as part of the periodic review.
3. Evaluation of Energy Efficiency Resources (10:15 – 12:15)
 - a. Ken Schisler, CPower, presented the CPower package.
 - b. Luke Fishback, Affirmed Energy, presented the Affirmed Energy package.
 - c. Joe Bowring presented the IMM package.
 - d. Pete Langbein, PJM, presented the PJM package.
 - e. **Alex Stern, Exelon, presented a new Exelon package.**

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

Lunch (12:15 – 1:15)

Additional Items (1:15 – 2:25)

4. Distributed Resources Subcommittee Update (1:15 – 1:20)

Ilyana Dropkin, PJM, provided a Distributed Resources Subcommittee update.

5. Cost Development Subcommittee Update (1:20 – 1:25)
Heather Reiter, PJM, provided a Cost Development Subcommittee Update.
6. Market Design Project Road Map (1:25 – 2:10)
Becky Carroll and Stu Bresler, PJM, presented the Market Design Project Road Map.
7. Quadrennial Review Update (2:10 – 2:25)
Skyler Marzewski, PJM, presented an update on the Quadrennial Review process.

Working Items (2:25 – 3:10)

8. Demand Response Availability Window (2:25 – 3:10)
 - a. Emily Orvis, Voltus, provided DR provider education on DR Availability.
 - b. Foluso Afelumo led a discussion on interest identification within the matrix.

Attendance

In-Person		
Name	Company Name	Sector
Afelumo, Foluso (Chair)	PJM Interconnection	None
Martin, Amanda (Secretary)	PJM Interconnection	None
Anders, David	PJM Interconnection	None
Anderson, Juliet	Constellation Energy Generation, LLC	Generation Owner
Barker, Jason	Vitol Inc.	Generation Owner
Bruno, Patrick	PJM Interconnection	None
Carroll, Rebecca	PJM Interconnection	None
Ciabattoni, Joe	PJM Interconnection	None
Collins, Ryan	PJM Interconnection, L.L.C.	None
Connolly, Matthew	PJM Interconnection	None
Croop, Danielle	PJM Interconnection	None
Dantonio, Phil	PJM Interconnection	None
Dropkin, Ilyana	PJM Interconnection	None
Dumitriu, Nicolae	PJM Interconnection	None
Everngam, Scott	Blue Horseshoe Energy LLC	None
Filomena, Guy	Customized Energy Solutions, Ltd.	None
Fishback, Luke	Affirmed Energy	None
Ford, Adrien	Constellation Energy Generation, LLC	Generation Owner
Fuess, Christian	Diamond State Generation Partners, LLC	Generation Owner
Gledhill, Andrew	PJM Interconnection	None
Gowie, Sydney	Constellation Energy Generation, LLC	Generation Owner
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
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger, Tim	PJM Interconnection	None
Hsia, Eric	PJM Interconnection	None
Kilgallen, Kevin	Avangrid Renewables, LLC	Generation Owner
Kirk, Steven	NextEra Energy Marketing, LLC	Other Supplier
Kogut, George	New York Power Authority	Other Supplier

Lacek, Mollie	PJM Interconnection	None
Lafayette, Robin	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Langbein, Peter	PJM Interconnection	None
LeithYessian, Devin	RTOinsider	None
Lu, Chenchao	PJM Interconnection	None
Mabry, David	McNees Wallace & Nurick LLC	None
Marzewski, Skyler	PJM Interconnection	None
Mason, Gary	Monongahela Power Company	Transmission Owner
Messina, Emmy	PJM Interconnection	None
Nix, Emma	EDF Renewable Development, Inc.	Generation Owner
OHara, Christopher	PJM Interconnection	None
Perrotta, Gillian	Constellation Energy Generation, LLC	Generation Owner
Poulos, Greg	PJM Committee Voting Generic Account	None
Rumsey, Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Selick, Sam	Customized Energy Solutions, Ltd.	None
Singamsetty, Aparna	Avangrid Renewables, LLC	Generation Owner
Stadelmeyer, Rebecca	Jersey Green Energy LLC	Other Supplier
Stern, Alexander	Exelon Business Services Company, LLC	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier

Webex

Name	Company Name	Sector
Abdur-Rahman, Muhsin	Dynegy Marketing and Trade, LLC (DECAM)	Generation Owner
Abramowitz, Jeremy	Monitoring Analytics	None
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, Bob	Tenaska Power Services Co.	Generation Owner
Arkatin, Tyler	PJM Interconnection	None
Bachus, Tim	PJM Interconnection	None
Bagot, Nancy	Electric Power Supply Association	None
Baizman, Aaron	PJM Interconnection	None
Barker, Jason	Vitol Inc.	Generation Owner
Barmack, Matthew	Calpine Energy Services, L.P.	Generation Owner
Batta, Michael	Dominion Virginia Power (LSE)	Transmission Owner
Bautista, Alejandro	Exelon Business Services Company, LLC	Transmission Owner
Belenky, Maria	PJM Interconnection	None
Belenky, Maria	PJM Interconnection	None
Benner, William	PJM Interconnection	None
Bleiweis, Bruce	DC Energy, LLC	Other Supplier
Boehnlein, Andrew	Virginia State Corporation Commission	End-Use Customer
Bond, Danielle	Enerwise Global Technologies, LLC	Other Supplier
Bowker, Shannon	PJM Interconnection	None
Bowring, Joe	Monitoring Analytics	None
Boyle, Glen	PJM Interconnection	None
Breidenbaugh, Aaron	Enerwise Global Technologies, LLC	Other Supplier
Brodbeck, John	EDP Renewables	Generation Owner
Bruno, Joshua	PJM Interconnection	None
Bryson, Michael	PJM Internal	None
Cabezas, Angela	PJM Connect	None
Calderon, Elder	Commonwealth Edison Company	Transmission Owner
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
Chee, Yee Hong	MCG Energy Solutions, LLC	None

Chee, Yee Hong	MCG Energy Solutions, LLC	None
Chen, Hong	PJM Interconnection	None
Chmielewski, Brian	PJM Interconnection	None
Christopher, Mahila	Public Utilities Commission of Ohio	None
Clarke, Linda	PJM Interconnection	None
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Cohen, Joe	Potomac Electric Power Company	Transmission Owner
Concina, Wendell	Commonwealth Edison Company	Transmission Owner
Connolly, Matthew	PJM Interconnection	None
Corash, Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Coscia, Carl	PJM Interconnection	None
Coyne, Suzanne	PJM Interconnection	None
Croop, Danielle	PJM Interconnection	None
Cusick, Kerinia	Center for Renewables Integration	None
Dalton, David	Virginia State Corporation Commission	End-Use Customer
Dantonio, Phil	PJM Interconnection	None
Davis, David	Apex Clean Energy Holdings, LLC	None
Davis, James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DiMartino, Denise	PJM Interconnection	None
Domian, Christin	Duquesne Light Company	Transmission Owner
Dorko, Keri	Monitoring Analytics	None
Dossin, Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Dossin, Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Downs, Jere	PJM Connect	None
Drom, Rick	Rick Drom	None
Dropkin, Ilyana	PJM Interconnection	None
Duensing, Allison	Saracen Energy East LP	Other Supplier
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu, Nicolae	PJM Interconnection	None
Esterly, Theresa	PJM Interconnection	None
Evergam, 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
Fitch, Neal	NRG Business Marketing LLC (NRGPM)	Generation Owner
Fitzpatrick, Brian	PJM Interconnection	None
Flamm, Sean	PJM Interconnection	None
Foladare, Kenneth	Geenex Solar LLC	Other Supplier
Ford, Adrien	Constellation Energy Generation, LLC	Generation Owner
Franks, Edmund	PJM Interconnection	None
Frogg, Darrell	PJM Interconnection	None
Fultz, McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Gates, Jill	PJM Interconnection	None
Gaur, Varun	Exelon Business Services Company, LLC	Transmission Owner
Glazer, Grant	MN8 Energy Operating Company LLC	None
Gledhill, Andrew	PJM Interconnection	None
Gordon, Jonathan	Advanced Energy Economy	None
Gorman, Bradley	American Transmission Systems, Inc.	Transmission Owner
Graf, Walter	PJM Interconnection	None
Greene, Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greening, Michele	PJM Interconnection	None
Hastings, David	Long Island Lighting Company dba LIPA	Other Supplier
Hauske, David	PJM Interconnection	None
Heinle, Frederick	Dynergy Marketing and Trade, LLC	Generation Owner
Heisey, Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner

Herel, Suzanne	PJM Interconnection	None
Hicks, Colleen	PJM Interconnection	None
Hoatson, Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holter, Natasha	PJM Interconnection	None
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
Janas, Kimberly	Illinois Attorney General's Office	None
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.	None
Jones, Scott	Other	None
Junge, Joshua	Sargent Lundy	None
Kelly, Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent, Janessa	Duquesne Light Company	Transmission Owner
Kimmel, David	PJM Interconnection	None
Konowal, Richard	PJM Interconnection	None
Kumar, Nikhil	Hartree Partners, LP	Other Supplier
Lacek, Mollie	PJM Interconnection	None
Lawson, Stephen	PJM Interconnection	None
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Litzke, Jack	PJM Interconnection	None
Mabry, David	McNees Wallace & Nurick LLC	None
Marcino, Angelo	PJM Interconnection	None
Martin, Amanda	PJM Interconnection	None
Marzewski, Skyler	PJM Interconnection	None
Mason, Gary	Monongahela Power Company	Transmission Owner
Matuszak, Alex	UGI Energy Services, LLC	Other Supplier
McAnany, James	PJM Interconnection	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
McElwaine, Kathy	PJM Interconnection	None
McNeil, Justin	Kentucky Public Service Commission	None
Messina, Emmy	PJM Interconnection	None
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller, John	Calico Energy	None
Mohler, Tina	PJM Interconnection	None
Mooney, Molly	PJM Interconnection	None
Morelli, Lisa	PJM Interconnection	None
Moscovitz, Daniel	PJM Interconnection	None
Nesa, Amanatun	Monitoring Analytics	None
Newell, Sam	The Brattle Group, Inc.	None
Noonan, Casey	PJM Interconnection	None
Norman, Noah	Exelon Business Services Company, LLC	Transmission Owner
Oakes, Brian	PJM Interconnection	None
Olaleye, Michael	PJM Interconnection	None
Olinger, Robert	Keystone-Conemaugh Projects, LLC (Keystone)	Other Supplier
Ondayko, Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Orvis, Emily	Voltus, Inc.	Other Supplier

Osborn, Eric	EDF Trading North America, LLC	Other Supplier
Panchal, Hitesh	PJM Interconnection	None
Patel, Harshil	PJM Interconnection	None
Patel, Anita	PJM Interconnection	None
patel, keyurbhai	PJM Interconnection	None
Pearlman, Toba	Illinois Commerce Commission	End-Use Customer
Peoples, J	Duquesne Light Company	Transmission Owner
Pierpont, Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pilong, Christopher	PJM Interconnection	None
Pilong, Christopher	PJM Interconnection	None
Pilong, Melissa	PJM Interconnection	None
Poulos, Greg	PJM Committee Voting Generic Account	None
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
Reiter, Heather	PJM Interconnection	None
Richards Jr, Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Roberts, Casey	Sierra Club	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
Salaneck, Alexandra	Monitoring Analytics	None
Sasser, Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Scheidecker, Paul	Monitoring Analytics	None
Scheirer, Alexandra	PJM Interconnection	None
Schuyler, Ken	PJM Interconnection	None
Seelaus, Andy	Enerwise Global Technologies, LLC	Other Supplier
Shah, Vijay	PJM Interconnection	None
Sikora, Cliff	Lincoln Generating Facility, LLC	Generation Owner
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, Michelle	PJM Interconnection	None
Sprinkle, Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer, Rebecca	Jersey Green Energy LLC	Other Supplier
Stancombe, Corey	Monitoring Analytics	None
Steichen, Renae	Bath County Energy, LLC	Generation Owner
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
Sussler, Philip	Office of People's counsel	End-Use Customer
Swalwell, Brad	Tangent Energy	Other Supplier
Sweeney, Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Talebi, Tessa	FERC	None
Taylor, Daniel	PJM Interconnection	None
Theaker, Brian	Big Sandy Peaker Plant, LLC	Generation Owner
Theodore, Sharon	Electric Power Supply Association	None
Tierney-Lloyd, Mona	Enel X North America	Other Supplier
Tribulski, Jennifer	PJM Interconnection	None
Tribulski, Jennifer	PJM Interconnection	None
Tyler, Catherine	Monitoring Analytics	None
Ushijima, Hiroaki	Elwood Energy, LLC	Generation Owner
VanBlargan, Bryna	Sabinsville SunPower, LLC	None
Vanderlaan, Bill	Illinois Commerce Commission	None

Vinnik, Daniel	PJM Interconnection	None
Walcavich, Colin	Equinor Renewables	None
Waweru, James	PJM Interconnection	None
Wehnes, Kathleen	retired	None
Wharton, Matthew	PJM Interconnection	None
Whitehead, Jeffrey	GT Power Group	None
Wilson, James	Other	None
Wu, Mia	PJM Interconnection	None
Yasutake, Sarah	Jersey Green Energy LLC	Other Supplier
Youth, Michael	North Carolina Electric Membership Corporation	Electric Distributor
Zephyr, Frantz	Public Service Electric and Gas Company (E Efficiency)	Transmission Owner
Zhang, Mike	PJM Interconnection	None
Zhao, Tong	PJM Interconnection	None
Zhou, Ming	DXT Commodities North America Inc.	Other Supplier

Informational Section

Temporary Exceptions 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](#).

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	5:00 p.m. EPT deadline*	
August 7	9 a.m.	WebEx / Conference & Training Center	July 26	July 31
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](#).

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