

Market Implementation Committee Special Session: Quadrennial Review

Webex

May 20, 2022

9:00 a.m. – 12:00 p.m. EPT

[Issues Tracking Page](#)

Administration (9:00-9:15)

1. Rebecca Carroll, PJM, provided a welcome and announcements.
 - a. Natalie Tacka, PJM, reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines. **The committee approved the draft minutes from the April 22, 2022 Special Session.**
 - b. Rebecca Carroll reviewed the Quadrennial Review work plan.

Education (9:15-10:55)

2. Brattle answered clarifying questions around responses provided to stakeholder questions about the final reports that were posted with meeting materials. (9:15 – 9:35)
3. Natalie Tacka, PJM, provided a comparison of PJM's and Monitoring Analytics' Forward Looking and Historical E&AS Offset Methodologies. (9:35 – 9:55)
4. Monitoring Analytics reviewed its Net CONE and E&AS Offset Methodologies. (9:55 – 10:55)

CBIR Process (10:55-11:55)

5. Rebecca Carroll facilitated a discussion to review and identify additional interests, design components and solution options on the Quadrennial Review matrix as part of the Consensus Based Issue Resolution Process. (10:55 – 11:55)
 - a. Melissa Pulong, PJM, reviewed PJM's preliminary proposal for the Quadrennial Review.
 - b. Joe Bowring, Monitoring Analytics, reviewed the IMM's initial recommendations for the Quadrennial Review.

Future Agenda Items (11:55-12:00)

CBIR Process – Package Development

Action Items

1. PJM to review with Brattle if simulation details can be provided consistent with what was provided back in 2014.
2. PJM to set up additional discussions with Brattle and IMM on providing additional detail to the response to Q14 and Q8 from Brattle final report Q&A.

3. PJM to update slide 3 of agenda item 3 with information on drivers for changes between 23/24 values and 26/27 values.
4. PJM to provide details on rationale for why reserve revenues are not included in historical peak hour dispatch method.
5. PJM and IMM to investigate if they can provide additional information on the mathematical algorithm used in the E&AS methodologies.
6. PJM and IMM to provide additional details on impacts of differences in assumptions on E&AS values.
7. PJM to add additional clarifications to matrix on historical vs forward E&AS.

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location		
June 21, 2022	9:00 am – 12:00 pm	TBD	June 13, 2022	June 16, 2022

Author: Nikki Militello

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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Attendance

Last Name	First Name	Company	Sector
Anders	David	PJM Interconnection	N/A
Barker	Jason	Constellation Energy Generation, LLC	GO
Bastian	Jeff	PJM Interconnection	N/A
Benchek	Jim	American Transmission Systems, Inc.	TO
Bischof	Zander	Cypress Creek Renewables, LLC	GO
Bowring	Joe	Monitoring Analytics	N/A
Brahman	Azade	Orsted Onshore North America, LLC	GO
Brodbeck	John	EDP Renewables	GO

Bruno	Patrick	PJM Interconnection	N/A
Bryson	Mike	PJM Interconnection	N/A
Callen	Zachary	Illinois Commerce Commission	N/A
Canchi	Devendra	Monitoring Analytics	N/A
Canter	David	Appalachian Power Company (AEP Generation)	TO
Cao	Roger	PJM Interconnection	N/A
Carmean	Gregory	OPSI	N/A
Carroll	Rebecca	PJM Interconnection	N/A
Chang	Sean	Shell Energy North America	OS
Christopher	Mahila	Public Utilities Commission of Ohio	
Colaresi	Chandra	CPower Corp.	NA
Corash	Rich	PSEG Energy Resources & Trade LLC	OS
Croop	Danielle	PJM Interconnection	N/A
Curtis	Kenneth	Drilling Info, Inc.	N/A
D'Antonio	Phil	PJM Interconnection	N/A
Davis	Jim	Dominion Energy Generation Marketing, Inc.	GO
Dorko	Keri	Monitoring Analytics	N/A
Downs	Jere	PJM Interconnection	N/A
Drom	Rick	Affirmed Energy LLC	OS
Duensing	Allison	Saracen Power LP	OS
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	TO
Fabiano	Janell	PJM Interconnection	N/A
Filomena	Guy	Customized Energy Solutions	N/A
Fink	Regan	Pine Gate Mid-Atlantic, LLC	OS
Fishback	Luke	Affirmed Energy LLC	OS
Fitch	Neal	NRG Power Marketing, LLC	GO
Foladare	Ken	Geenex Solar LLC	OS
Ford	Adrien	ODEC	ED
Gates	Terry	Appalachian Power Company	TO
Gorman	Brad	American Transmission Systems, Inc.	TO
Graf	Walter	PJM Interconnection	N/A
Helm	Gary	PJM Interconnection	N/A
Hoatson	Thomas	West Deptford Energy, LLC	GO
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	GO
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	ED
Horger	Tim	PJM Interconnection	N/A

Horning	Lynn	Customized Energy Solutions	N/A
Horstmann	John	Dayton Power & Light Company (The)	TO
Hudis	Gabriella	Jersey Green Energy LLC	OS
Hyzinski	Tom	GT Power Group	N/A
Janicki	Diane	Boston Energy Trading and Marketing LLC	OS
Jardot	Gina	NRG Curtailment Solutions, Inc.	OS
Johnson	Carl	Customized Energy Solutions	N/A
Josyula	Siva	Monitoring Analytics	N/A
Kalaskar	Rahul	AES Ohio Generation, LLC	GO
Keech	Adam	PJM Interconnection	N/A
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	OS
Kent	Janessa	Duquesne Light Company	TO
Kim	Sung	PJM Interconnection	N/A
Kogut	George	NYPA	OS
Ladin	Sarah		N/A
Liang-Nicol	Cecilia	Allegheny Electric Cooperative	ED
Mabry	David	McNees Wallace & Nurick LLC	N/A
Matheson	Eric	N/A	N/A
McNeil	Justin	Office of the Attorney General - Kentucky	EUC
Midgley	Sharon	Exelon Business Services Company, LLC	TO
Monroe	Diane	PJM Interconnection	N/A
Mooney	Jeff	American Transmission Systems, Inc.	TO
Nadel	Steven	PPL Electric Utilities d/b/a PPL Utilities	TO
Newell	Sam	The Brattle Group	N/A
Nix	Emma	Jersey Green Energy, LLC	OS
Okenfuss-Savion	James	Savion, LLC	N/A
Ondayko	Brock	AEP Energy Partners, Inc.	TO
Pakela	Gregory	DTE Energy Trading, Inc.	OS
Pasteris	Ray	Monitoring Analytics	N/A
Peacey	Denelle	TransAlta Energy Marketing (U.S.) Inc.	OS
Perera	Asanga	PJM Interconnection	N/A
Pilong	Melissa	PJM Interconnection	N/A
Poulos	Greg	OPSI	N/A
Price	Ruth Ann	DE PSC	N/A
Pungaliya	Rajat	Pine Gate Mid-Atlantic, LLC	OS
Roberts	Casey	Sierra Club	N/A

Robinson	Becky	Dynegy Marketing and Trade, LLC	GO
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	TO
Rohrbach	John	Wabash Valley Power Association, Inc.	ED
Salaneck	Alexandra	Monitoring Analytics	N/A
Sasser	Jonathan	Customized Energy Solutions	N/A
Scarpignato	David	Calpine Energy Services, L.P.	GO
Scheirer	Alexandra	PJM Interconnection	N/A
Shah	Vijay	PJM Interconnection	N/A
Sloan	Ben	OPSI	N/A
Smith	Kara	Buckeye Power, Inc.	ED
Sotkiewicz	Paul	E-Cubed Policy Associates	N/A
Squibb	Bill	Ohio Valley Electric Corporation	TO
Stern	Alexander	Public Service Electric & Gas Company	TO
Sturgeon	John	Duke Energy Progress, LLC	OS
Sussler	Philip	Maryland Public Service Commission	N/A
Svenson	Heather	Public Service Electric & Gas Company	TO
Swalwell	Brad	Tangent Energy Solutions, Inc.	OS
Sweeney	Rory	GT Power Group, LLC	N/A
Tacka	Natalie	PJM Interconnection	N/A
Thomas	Glen	GT Power Group	NA
Thompson	Andrew	The Brattle Group	N/A
Whitehead	Jeffrey	GT Power Group	N/A
Wilson	James	Wilson Energy Economics	N/A
Wray	Gizelle	Savion, LLC	N/A
Yoder	Michael	RTO Insider	N/A
	Edrissa	Savion, LLC	N/A

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