

Planning Committee
Webex/PJM Conference and Training Center
April 02, 2024
9:00 a.m. – 11:00 a.m. EPT

Administration

1. Rebecca Carroll, PJM, called the meeting to order. Ashwini Bhat, PJM, reviewed the Antitrust, Code of Conduct, media participation, WebEx and In-person meeting participation guidelines.
2. Rebecca Carroll reviewed and stakeholders approved the April 02, 2023 Planning Committee (PC) Agenda.
3. Ashwini Bhat reviewed and **stakeholders approved the draft minutes from the March 05, 2023 Planning Committee by acclamation with 0 objections and 0 abstentions.**

Endorsements

There were no endorsements at this meeting.

First Reads

4. Denise Foster Cronin, EKPC, provided a first read of proposed changes to the Issue Charge : [Enhancing Capacity Interconnection Rights \(CIR\) Transfer Efficiency](#). The committee will be asked to approve the proposed changes to the Issue Charge at its next meeting.

Informational Updates

5. Interconnection Process Subcommittee (IPS) Activities Update
Ed Kovler, PJM, provided an update on the Interconnection Process Subcommittee activities.
6. Effective Load Carrying Capability (ELCC) / Reserve Requirement Study (RRS) Update
Patricio Rocha Garrido, PJM, provided the results of a sensitivity performed in the calculation of the 2025/26 resource adequacy metrics.
7. MOD - 032 – Gen Model - Update
Ashwini Bhat, PJM, provided an update on the upcoming changes to Gen Model tool.
8. Reliability Compliance Update
Gizella Mali, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

Informational Posting

- A. Model Build Activity Update

- RTEP
 - 2024 Series Load Flow
 - PJM’s System Planning Modeling and Support and Transmission Planning departments are currently reviewing the models
 - 2024 Series Short Circuit
 - PJM to provide 2 year and 5 year model for TO review by April 5th

B. Manual - 03 Updates : Materials are posted on PJM.com.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
Tuesday, April 30, 2024	9:00 a.m. – 12:00 p.m.	Webex Only	Thursday, April 18, 2024	Tuesday, April 23, 2024
Tuesday, June 4, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, May 23, 2024	Tuesday, May 28, 2024
Tuesday, July 9, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, June 27, 2024	Tuesday, July 2, 2024
Tuesday, August 6, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, July 25, 2024	Tuesday, July 30, 2024
Tuesday, September 10, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, August 29, 2024	Tuesday, September 3, 2024
Tuesday, October 8, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, September 26, 2024	Tuesday, October 1, 2024
Tuesday, November 6, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, October 25, 2024	Tuesday, October 30, 2024
Tuesday, December 3, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, November 21, 2024	Tuesday, November 26, 2024

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

Author: Ashwini Bhat

Attendance

Last Name	First Name	Company	Sector
Carroll (Chair)	Rebecca	PJM Interconnection	None

Bhat (Secretary)	Ashwini	PJM Interconnection	None
Abdulsalam	Sami	PJM Interconnection	None
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ali	Shadab	Nextera Energy Transmission LLC	Other Supplier
Allen	William	Commonwealth Edison Company	Transmission Owner
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Amoling	Leo	PJM Interconnection	None
Analytics	Monitoring	Monitoring Analytics	None
Anders	David	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Arega	Robel	Plus Power LLC	None
Arkatin	Tyler	PJM Interconnection	None
Aslam	Nabeel	Public Service Electric and Gas Company	Transmission Owner
Aurely	Marc	EN Engineering LLC	None
Bainbridge	Tom	American Transmission Systems, Inc.	Transmission Owner
Barker	Jason	Vitol Inc.	Generation Owner
Benson	Dan	Duke Energy Indiana, LLC	None
Berner	Aaron	PJM Interconnection	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bolthouse	Julie	Piedmont Environmental Council	None
Borgatti	Mike	Gabel Associates	Other Supplier
Bowker	Shannon	PJM Interconnection	None
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Braun	Justin	Dayton Power & Light Company (The)	Transmission Owner
Bruno	Josh	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Canchi	Devendra	Monitoring Analytics	None
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Cham	Edrissa	Savion, LLC	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	None
Cocco	Michael	ODEC	Transmission Owner
Connell	Jason	PJM Interconnection	None
Connolly	Matt	PJM Interconnection	None
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cox	Jason	EQ Energy Advisors, LLC	None

Crim	Jake	NextEra Energy Transmission, LLC	Other Supplier
D'Antonio	Phil	PJM Interconnection	None
Dadourian	John	Monitoring Analytics	None
Davis	Becky	PJM Interconnection	None
DeSimone	Anthony	Flat Iron Energy	None
Diaz	Juan	Public Service Electric and Gas Company	Transmission Owner
Dion	Kevin	PPL	Transmission Owner
Dolan	Ryan	NextEra Energy Transmission, LLC	Other Supplier
Domian	Christin	Duquesne Light Company	Transmission Owner
Dorko	Keri	Monitoring Analytics	None
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Eedupuganti	Subbarao	PJM Interconnection	None
Egan	David	PJM Interconnection	None
El Chehaly	Mohamed	Equinor US LLC	None
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Everngam	Scott	Blue Horseshoe Energy LLC	None
Fabiano	Janell	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Falciani	Jeff	PJM Interconnection	None
Falk	Elizabeth	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Fan	Zhenyu	PJM Interconnection	None
Ferguson	Mike	Indeck Niles, LLC	Generation Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Regan	MAREC Action	None
Fink	Sari	MAREC Action	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Constellation	Generation Owner
Foster	Tom	PJM Interconnection	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks	Edmund	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Garcia	Luis	Public Service Electric and Gas Company	Transmission Owner
Garrido	Patricio Rocha	PJM Interconnection	None
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Ge	Jingdong	Dominion Energy	Transmission Owner

Glazer	Grant	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gordon	Jon	Advanced Energy Economy	None
Gorman	Brad	American Transmission Systems, Inc.	Transmission Owner
Granstrand	Luke	Dominion Virginia Power	Transmission Owner
Greene	Ben	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Greening	Michele	PJM Interconnection	None
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Ha	Sookwon	Dominion Virginia Power (EDC VMEA)	Transmission Owner
Hallett	Brian	ReliabilityFirst	None
Handlin	Mike	PJM Interconnection	None
Hazel	Steve	Geenex Solar LLC	Other Supplier
Heinle	Erik	Dynegy Marketing and Trade, LLC	Generation Owner
Heisey	Brad	Tenaska Power	Generation Owner
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hozempa	Larre	American Transmission Systems, Inc.	Transmission Owner
Hsia	Eric	PJM Interconnection	None
Hu	Yong	PJM Interconnection	None
Hudis	Gabriella	Gabel Associates	Other Supplier
Hugh	Scott	Exelon Business Services Company, LLC	Transmission Owner
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyatt	John	Monitoring Analytics	None
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counselor	None
Jagana	Aminata	Dayton Power & Light Company (The)	Transmission Owner
Janapareddy	Anu	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
John Ritterbeck	Richard	Office of the Ohio Consumers Council	End-Use Customer
Johnson	Carl	Customized Energy Solutions, Ltd.	None

Johnston	David	Other	None
Jones	Scott	Other	None
Joshi	Govind	PPL	Transmission Owner
Karandrikas	Vicki	PJM Interconnection	None
Karki	Mahesh	Savion, LLC	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Khoury	George	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Koeplinger	Allie	Michigan Public Service Commission	None
Kogut	George	New York Power Authority	Other Supplier
Kosner	Bob	Illinois Municipal Electric Agency	Electric Distributor
Kovler	Ed	PJM Interconnection	None
Krizenoskas	Lisa	PJM Interconnection	None
Kuchan	Meagan	Dayton Power & Light Company (The)	Transmission Owner
L Wicks	Tonja	Elevate Renewable Energy	None
Lacek	Mollie	PJM Interconnection	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lambert	AJ	PJM Interconnection	None
Lang Ree	Claire	NRDC	None
Lawton	Nick	Earthjustice	None
Leatherman	Carter	Duquesne Light Company	Transmission Owner
Leeming	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Leith	Devin	RTO Insider	None
Leon	Miguel	PJM Interconnection	None
Lescano	Amanda	New Jersey Board of Public Utilities	None
Lojeck	Jacquelyn	American Transmission Systems, Inc.	Transmission Owner
Lunde	Constance	Shell Energy North America (US), L.P.	Other Supplier
Luzetsky	Rob	Red Oak Power, LLC	Generation Owner
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection	None
Lynn	Brian	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection	None
Mangonon	Rollie	Rockland Electric Company	Transmission Owner
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	None

Martes	Eliasjavier	PPL	Transmission Owner
Marzewski	Skyler	PJM Interconnection	None
Mason	Julie M	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Matheson	Eric	YSO Inc.	Other Supplier
Matthews	Mike	Equinor Renewables	None
Mauroschadt	Erich	PJM Interconnection	None
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
McNeil	Justin	Kentucky Public Service Commission	None
Mertz	Chris	Candela Renewables	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mooney	Molly	PJM Interconnection	None
Mroz	David	PJM Interconnection	None
Mullin	Michael	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nallan	Dwarakesh	Equinor Wind US	
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christiopher	Exelon Business Services Company, LLC	Transmission Owner
Newbill	Brandon	Old Dominion Electric Cooperative	Electric Distributor
Nix	Emma	EDF Renewable Development, Inc.	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osorio Garcia	David	Dominion Virginia Power	Transmission Owner
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Parikh	Lopa	Orsted Onshore North America, LLC	Generation Owner
Patricia	Vallejo	Nextera Energy	Other Supplier
Perera	Asanga	PJM Interconnection	None
Petruso	Dominick	Public Service Electric and Gas Company	Transmission Owner
Phillips	Darlene	PJM Interconnection	None
Pilong	Chris	PJM Interconnection	None
Poulos	Greg	PJM Committee Voting Generic Account	None
Quevada	Jason	PJM Interconnection	None
Quinlan	Pamela	GQ New Energy Strategies	None
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor

Rajasekeran	Sangeetha	Nira Energy	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Razze	Scott	Pepco Holdings	Transmission Owner
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Robison	Michael	First Energy	Transmission Owner
Rode	Advait	Michigan Public Service Commission	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rohs	Fred	Marina Energy, LLC	Generation Owner
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schavrien	Nick	Silver Run Electric, LLC	Transmission Owner
Scheirer	Alex	PJM Interconnection	None
Schmidt	Tom	Buckeye Power, Inc.	Electric Distributor
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Schriver	Christine	PJM Interconnection	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Schuyler	Ken	PJM Interconnection	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shegarfi	Roosbeh	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Shetty	Tom	PSC DC	None
Shields	Jeff	PJM Interconnection	None
Shoemaker	Jason	PJM Interconnection	None
Siegner	Katie	RMI	None
Sikora	Cliff	Lincoln Generating Facility, LLC	Generation Owner
Singh	Ruchi	ENGIE Resources LLC	Other Supplier
Skumanich	Bill	RTR Energy Solutions LLC	None
Sloan	Ben	Organization of PJM States, Inc.	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Sparks	Bridget	sPower Development Company, LLC	None
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Staevska	Asya	PJM Interconnection	None
Stanek	Jason	PJM Interconnection	None
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alex	Exelon Business Services Company, LLC	Transmission Owner

Storino	Laura	NJ Board of Public Utilities	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Sun	Haiibn	Exelon Business Services Company, LLC	Transmission Owner
Surls	Jonathan	Energy Exemplar	None
Sussler	Philip	Office of People's counsel	None
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szmodis	Chris	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Thekkekara	Justin	PowerTransitions	None
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Uddin	Shahab	Old Dominion Electric Cooperative	Electric Distributor
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
V Carmean	Gregory	OPSI	None
Velumylum	Ganesh	AMP Transmission, LLC	Transmission Owner
W Hastings	David	Public Service Electric and Gas Company	Transmission Owner
Wallace	Colleen	Virginia Electric & Power Company	Transmission Owner
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	retired	None
Welch	Shawn	Doral Renewables LLC	None
Whitehead	Jeff	GT Power Group	None
Widom	Stu	PJM Interconnection	None
Wilson	James	Other	None
Wu	Mia	PJM Interconnection	None
Wylie-Chambers	Erica	Exelon Business Services Company, LLC	Transmission Owner
Wynder	Michael	Altrock LLC	Other Supplier
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yeh	Eric	Baltimore Gas and Electric Company (TO)	Transmission Owner
York	Denver	East Kentucky Power Cooperative, Inc.	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Zahidi	Mohamed	Public Service Electric and Gas Company	Transmission Owner
Zhou	Ming	DXT Commodities North America Inc.	Other Supplier

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.

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The use of the Webex chat feature during meetings shall be primarily reserved for administrative and logistical purposes, such as managing a question or comment queue, noting technical difficulties, and meeting support or management purposes. Utilizing Webex chat for any other commentary should be limited to short phrases. Detailed commentary or substantive dialog shall be shared orally by entering the speaker queue.

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.*