

Planning Committee
Webex/PJM Conference and Training Center
October 31, 2023
9:00 a.m. – 10:30 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 October 31, 2023 Planning Committee (PC) Agenda.
3. Ashwini Bhat reviewed and **stakeholders approved the draft minutes from the October 03, 2023 Planning Committee by acclamation with 0 objections and 0 abstentions.**
4. Rebecca Carroll reviewed the PC Charter. **The committee will be asked to endorse the Charter at its next meeting.**

Endorsements

5. Manual 19 – Load Forecasting and Analysis

Molly Mooney, PJM, provided an update on Manual 19 changes as a part of the periodic review. **The manual changes were endorsed by acclamation with 0 objections and 0 abstentions.**

6. Manual 14B - Regional Transmission Planning Process

Stan Sliwa, PJM, provided an update on Manual 14B changes as a part of the periodic review. **The manual changes were endorsed by acclamation with 0 objections and 0 abstentions.**

First Reads

7. Manual 21A – Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis

Josh Bruno, PJM, provided an update on conforming revisions to Manual - 21A due to Hybrids –Phase II – Market Participation of Hybrid Resources and other Mixed Technology Facilities. **The committee will be asked to endorse these changes at its next meeting**

Informational Updates

8. Interconnection Process Subcommittee (IPS) Activities Update

Ed Kovler, PJM, provided an update on the Interconnection Process Subcommittee activities.

9. Resource Tracker Unit Onboarding Enhancements

Chris Franks, PJM, provided an update on the Resource Tracker Unit Onboarding Enhancements

10. Reliability Compliance Update

Becky Davis, 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 provided Trial 1 cases on October 17th
 - TOs to submit Trial 1 feedback by November 17th
 - 2024 Series Short Circuit
 - PJM to provide Trial 1 case for review by January 12th
- MMWG
 - 2023 Series Load Flow
 - MMWG cases were approved on October 13th
 - 2023 Series Dynamics
 - TOs to provide dynamic device and load models by October 27th
 - PJM to submit dynamic device and load models to Powertech by November 24th

B. eDART to SSO Account Migration

- [Presentation](#) from August PC Meeting .

C. Manual 03 – Transmission Operations - Periodic Review

- Presentation and materials related to Manual - 03 periodic review are posted on PJM.com under the October 31st PC Meeting

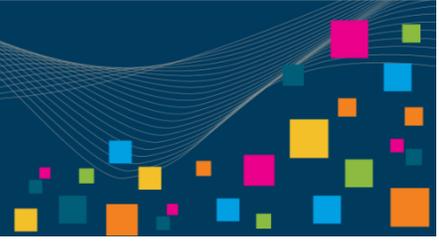
Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting		
Tuesday, December 5, 2023	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Monday, November 20, 2023	Tuesday, November 28, 2023
Tuesday, January 9, 2023	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, December 28, 2023	Tuesday, January 2, 2024
Tuesday, February 6, 2023	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, January 25, 2024	Tuesday, January 30, 2024

Author: Ashwini Bhat

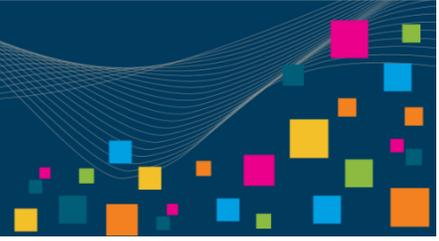
Attendance

First Name	Last Name	Company	Sector
Rebecca (Chair)	Carroll	PJM Interconnection	None
Ashwini (Secretary)	Bhat	PJM Interconnection	None
Adrien	Ford	Constellation Energy Generation, LLC	Generation Owner
Advait	Rode	Michigan Public Service Commission	None
AJ	Lambert	PJM Interconnection	None
Alex	Stern	Exelon Business Services Company, LLC	Transmission Owner
Alexandros	Lousos	AMP Transmission, LLC	Transmission Owner
Amanda	Johnson	Duquesne Light Company	Transmission Owner
Amanda	Egan	PJM Interconnection	None
Amber	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Amrit	Parajuli	Exelon Business Services Company, LLC	Transmission Owner
Andrea	Maucher	Delaware Division of the Public Advocate	None
Andrew	Gledhill	PJM Interconnection	None
Anton	Ptak	EDF Renewable Development, Inc.	None
Antonio	Papaconstantinou	PJM Interconnection	None
Anu	Janapareddy	Green River Holdings, LLC	Generation Owner
Art	Iler	Indiana Office of Utility Consumer Counselor	None
Asanga	Perera	PJM Interconnection	None
Asya	Staevska	PJM Interconnection	None
Augustine	Caven	PJM Interconnection	None
Bao	Pham	Lincoln Generating Facility, LLC	Generation Owner

Becky	Webb	Exelon Business Services Company, LLC	Transmission Owner
Ben	Sloan	Organization of PJM States, Inc.	None
Bill	Skumanich	RTR Energy Solutions LLC	None
brad	pierson	Walden Renewables Development LLC	Other Supplier
Brad	Swalwell	Tangent Energy Solutions, Inc.	Other Supplier
Brian	Hallett	ReliabilityFirst	None
Bridget A	Sparks	sPower Development Company , LLC	None
Brock	Ondayko	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Bryan	Garnett	Duke Energy Ohio, Inc.	Transmission Owner
Bryna	VanBlargan	Sabinsville SunPower, LLC	None
Caleb	Kim	Dayton Power & Light Company (The)	Transmission Owner
Carl	Johnson	Duquesne Light Company	Transmission Owner
Catherine	Schmitt	Public Service Electric and Gas Company	Transmission Owner
charles	vogel	Oriden Power	None
Cheri	Yochelson	Dominion Virginia Power	Transmission Owner
Chris	Szmodis	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Chris	Terranova	PJM Interconnection	None
Christian	McDewell	Pennsylvania Public Utility Commission	None
Christian	Fuess	Diamond State Generation Partners, LLC	Generation Owner
Christin	Domian	Duquesne Light Company	Transmission Owner
Christine	Schrivier	PJM Interconnection	None
Christine	Franks	PJM Interconnection	None
Christopher	Nekolny	Exelon Business Services Company, LLC	Transmission Owner
Christopher	Holt	PJM Interconnection	None
Chuck	Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Cleveland	Richards Jr	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Cleveland	Richards Jr	PPL Electric Utilities	Transmission Owner
Colin	Walcavich	Archlight Capital	Generation Owner
Colleen	Wallace	Virginia Electric & Power Company	Transmission Owner
Collin	Edgar-Smith	Ohio Edison Company	Electric Distributor
Connie	Schroeder	Dominion Virginia Power	Transmission Owner
Craig	Rutledge	Appalachian Power Company (APCO Dedicated)	Transmission Owner
D.	Ingraham	Acciona Energy North America Corporation Louisville Gas and Electric Company/Kentucky Utilities Company	Generation Owner
Dan	Sprinkle	Appalachian Power Company (AEP Transmission)	Transmission Owner
Dan	Lockwood	Appalachian Power Company (AEP Transmission)	Transmission Owner
Dan	Benson	Duke Energy Indiana, LLC	Transmission Owner
Daniel	McNicholas	Nautilus Power, LLC	Generation Owner
Daniel	Hutt	PSEG Energy Resources and Trade LLC	Transmission Owner
Darlene	Phillips	PJM Interconnection	None
Darrin	Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner



Dave	Miscavage	PJM Interconnection	None
Dave	Souder	PJM Interconnection	None
David	Scarpignato	Calpine Energy Services, L.P.	Generation Owner
David	Vermeire	Pepco Holdings	Transmission Owner
David	Davis	Apex Clean Energy Holdings, LLC	None
David	Mabry	McNees Wallace & Nurick LLC	None
David	Anders	PJM Interconnection	None
David	Hastings	PJM Committee Voting Generic Account	Other Supplier
David	Johnston	Other	None
David	Weaver	PECO Energy Company	Transmission Owner
Denver	York	East Kentucky Power Cooperative, Inc.	Transmission Owner
Derek	Sunderman	Savion, LLC	None
Derrick	Daugherty-Bell	BW Solar	None
Devin	Leith-Yessian	RTO Insider	None
Diane	Janicki	Boston Energy Trading and Marketing LLC	Other Supplier
Dominick	Petruso	Public Service Electric and Gas Company	Transmission Owner
Doug	Dale	PECO Energy Company	Transmission Owner
Doug	Stinner	RWE Clean Energy, LLC	Generation Owner
Ed	Kovler	PJM Interconnection	None
Ed	Franks	PJM Interconnection	None
Eliasjavier	Martes	PPL	Transmission Owner
Elizabeth	Davis	PJM Interconnection	None
Emily	Barrett	PJM Interconnection	None
Eric	Garland	RTR Energy Solutions LLC	None
Eric	Hsia	PJM Interconnection	None
Ericka	Wylie-Chambers	Exelon Business Services Company, LLC	Transmission Owner
Erik	Heinle	Dynegy Marketing and Trade, LLC	Generation Owner
Gabriella	Hudis	Jersey Green Energy LLC	Other Supplier
George	Khoury	PPL Electric Utilities	Transmission Owner
George	Kogut	New York Power Authority	Other Supplier
Gizella	Mali	PJM Interconnection	None
Glen	Catenacci	Public Service Electric and Gas Company	Transmission Owner
Greg	Poulos	CAPS	None
Greg	Carmean	Organization of PJM States, Inc.	None
Guy	Filomena	Customized Energy Solutions, Ltd.	None
Haibin	Sun	Exelon Business Services Company, LLC	Transmission Owner
Harrison S.	Potter	Dominion Virginia Power	Transmission Owner
Hiroaki	Ushijima	Elwood Energy, LLC	Generation Owner
Horst	Lehmann	PPL Electric Utilities	Transmission Owner
Jacob	Shoup	Appalachian Power Company (AEP Transmission)	Transmission Owner



Janessa	Kent	Duquesne Light Company	Transmission Owner
Jason	Quevada	PJM Interconnection	None
Jason	Barker	Vitol Inc.	Generation Owner
Jason	Hitt	Duquesne Light Company	Transmission Owner
Jay	Rasmussen	Duke Energy Business Services LLC	Transmission Owner
Jeff	Whitehead	GT Power Group	None
Jeff	Stuchell	American Transmission Systems, Inc.	Transmission Owner
Jeff	Shields	PJM Interconnection	None
Jennifer	Hohenshilt	Talen Energy Marketing, LLC	Generation Owner
Jessica	Johnson	Duquesne Light Company	Transmission Owner
Jessica	Lynch	PJM Interconnection	None
Jim	Davis-	Dominion Virginia Power	Transmission Owner
John	Rohrbach	Wabash Valley Power Association, Inc.	Electric Distributor
John	Sturgeon	Duke Energy Business Services LLC	Transmission Owner
john	dadourian	Monitoring Analytics	None
John	Horstmann	Dayton Power & Light Company (The)	Transmission Owner
John	Brodbeck	EDP Renewables North America LLC	Generation Owner
Jonathan	Perry	Virginia Electric & Power Company	Transmission Owner
Jonathan	Ortiz	PJM Interconnection	None
Jonathan	Sasser	Customized Energy Solutions, Ltd.	None
Joshua	Bruno	PJM Interconnection	None
Julia	Spatafore	PJM Interconnection	Transmission Owner
Julie M	Mason	Duke Energy	Transmission Owner
Juliet	Anderson	Constellation Energy Generation, LLC	Generation Owner
Kacie	Rettig	Rockland Electric Company	Transmission Owner
Karthik	Mekala	RWE Clean Energy, LLC	Generation Owner
Kathleen	Wehnes		None
Ken	Schuyler	PJM Interconnection	None
Ken	Foladare	Geenex Solar LLC	Other Supplier
Kenneth	Foladare	Geenex Solar LLC	Other Supplier
Kenneth	Seiler	PJM Interconnection	None
Keri	Dorko	Monitoring Analytics	None
Kevin	Kilgallen	Avangrid Renewables, LLC	Generation Owner
Koushy	Nareshkumar	Potomac Electric Power Company	Electric Distributor
Kunal S	Amare	Dominion Virginia Power	Transmission Owner
Kyle	Copeland	PJM Interconnection	None
Laura	Yovanovich	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Lawrence	Hozempa	American Transmission Systems, Inc.	Transmission Owner
Leonid	Lyakhovich	Public Service Electric and Gas Company	Transmission Owner
Lisa	Krizenoskas	PJM Interconnection	None

Luis	Garcia	Public Service Electric and Gas Company	Transmission Owner
Lumi	Makinde	Arevon Energy	None
Lynn	Horning	American Municipal Power, Inc.	Electric Distributor
mabel	see	NG Renewables Energy Marketing, LLC	Other Supplier
Mahila	Christopher	Public Utilities Commission of Ohio	None
Manuel	Esquivel	Enel Trading North America, LLC	Other Supplier
Marc	Aurely	EN Engineering LLC	None
Mark	Sims	PJM Interconnection	None
Mark	Zelensky	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Mark	Gill	PJM Interconnection	None
Mark	Sims	PJM Interconnection	None
Massamba	Samb	BrightNight	None
Matt	Parker	Virginia Electric & Power Company	Transmission Owner
Matt	Connolly	PJM Interconnection	None
Matthew	Wharton	PJM Interconnection	None
McClain	Fultz	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
McClain	Fultz	PPL Electric Utilities	Transmission Owner
Meagan	Kuchan	Dayton Power & Light Company (The)	Transmission Owner
michael	cocco	Old Dominion Electric Cooperative	Electric Distributor
Michael	Herman	PJM Interconnection	None
Michele	Greening	PJM Interconnection	None
Michele	Greening	PJM Interconnection	None
Michelle	Souder	PJM Interconnection	None
Mick	McGuckin	Direct Connect Development Co LLC	None
Ming	Zhou	DXT Commodities North America Inc.	Other Supplier
Mohamed	Zahidi	PSEG Energy Resources and Trade LLC	Transmission Owner
Mohsen	Mahoor	Virginia Electric & Power Company	Transmission Owner
Mohsen	Mahoor	Virginia Electric & Power Company	Transmission Owner
Mojtaba	Hoshmand	PJM Interconnection	Transmission Owner
Molly	Mooney	PJM Interconnection	None
Molly	Mooney	PJM Interconnection	None
Morris	Schreim	MD PSC	None
Nabeel	Aslam	Public Service Electric and Gas Company	Transmission Owner
Nathan A.	Lin	Virginia Electric & Power Company	Transmission Owner
Neil	Joshipura	Virginia State Corporation Commission	None
Nick	Koehler	Appalachian Power Company (AEP Transmission)	Transmission Owner
Nicolae	Dumitriu	PJM Interconnection	None
Patrick	Cobb	PJM Interconnection	None
Paul	McGlynn	PJM Interconnection	None
Paul	Sotkiewicz	E-Cubed Policy Associates	None

Paul	Scherer	Exelon Business Services Company, LLC	Transmission Owner
Pauline	Foley	PJM Interconnection	None
Preston	Walker	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Pulin	Shah	PECO Energy Company	Transmission Owner
Qamar H	Arsalan	PSEG Energy Resources and Trade LLC	Transmission Owner
Rafael	Wilches	PSEG Energy Resources and Trade LLC	Other Supplier
Rafael	Wilches	PSEG Energy Resources and Trade LLC	Other Supplier
Rajesh	Bhana	Exelon Business Services Company, LLC	Transmission Owner
Ramtin	Khalili	Virginia Electric & Power Company	Transmission Owner
Rebecca	Stadlmeyer	Jersey Green Energy LLC RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Rehan	Gilani	Orstead	None
Reynaldo Noel	Juene	PSEG Energy Resources and Trade LLC	Other Supplier
Richard	Corash	PJM Interconnection	None
Rizki	Del Olmo	PJM Interconnection	None
Ronnie	Bailey	Dominion Virginia Power	Transmission Owner
Rory	Sweeney	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Ryen	Lawson	Dominion Virginia Power	Transmission Owner
Sam	Senanayake	Pine Gate Mid-Atlantic, LLC	Generation Owner
Sam	Selick	Customized Energy Solutions, Ltd.	None
Sami	Abdulsalam	PJM Interconnection	None
Sarah	Yasutake	Jersey Green Energy LLC	Other Supplier
Sari	Fink	Pine Gate Mid-Atlantic, LLC	Generation Owner
Scott	Jones	Other	None
Shahab	Uddin	Old Dominion Electric Cooperative	Electric Distributor
Sharon	Midgley	Exelon Business Services Company, LLC	Transmission Owner
Sharon	Mayers	Clean Energy Future - Lordstown, LLC	Generation Owner
Shaun	Murphy	Urban Grid Solar Projects, LLC	Other Supplier
Soo	Kwon Ha	Dominion Virginia Power	Transmission Owner
Soufiane	Louwahi	Electric Power Engineers	None
Stan	Sliwa	PJM Interconnection	None
Stephen	Kelly	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Stephen	Bennett	PJM Interconnection	None
Steve	Abate	Duquesne Light Company	Transmission Owner
Steve	Steinkuhl	Duke Energy Business Services LLC	Transmission Owner
Steven	Nadel	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Stu	Widom	PJM Interconnection	None
Susan	McGill	PJM Interconnection	None
Suzanne	Herel	PJM Interconnection	None
Takis	Laios	Appalachian Power Company (AEP Transmission)	Transmission Owner

Tay	Sing	AES	Transmission Owner
Thomas	Hoatson	West Deptford Energy, LLC	Generation Owner
Tim	Horger	PJM Interconnection	None
Tom	Hyzinski	GT Power Group, LLC	None
Tyler	Arkatin	PJM Interconnection	None
Venkat	Nagulapally	Vistra Power	Generation Owner
Vince	DeGiusto	UGI	Transmission Owner
Wade	Richards	Apex Clean Energy Holdings, LLC	None
Wendell	Concina	Commonwealth Edison Company	Transmission Owner
Will	Burkett	AEP Kentucky Transmission Company, Inc.	Transmission Owner
William	Allen	Commonwealth Edison Company	Transmission Owner
William	LaVista	RWE Clean Energy, LLC	Generation Owner
Xueqi	Tian	White Peak Energy LLC Office of the People's Counsel for the District of Columbia	Other Supplier
Yohannes	Mariam	Virginia Electric & Power Company	None
Yuan	Du	Illinois Commerce Commission	Transmission Owner
Zachary	Callen	Bath County Energy, LLC	None
Zelalem	Tekle	DXT Commodities North America Inc.	Generation Owner
Zhangxin	Zhou		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.

Participant Identification in Webex:

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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

When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.

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.*