

Planning Committee  
Webex/PJM Conference and Training Center  
October 03, 2023  
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 October 03, 2023 Planning Committee (PC) Agenda.
3. Ashwini Bhat reviewed and **stakeholders approved the draft minutes from the September 05, 2023 Planning Committee by acclamation with 0 objections and 0 abstentions.**

## Endorsements

4. Manual 19 - Attachment B: Load Forecast Adjustment Guidelines Changes

Molly Mooney, PJM, provided an update on Manual 19 changes to align with Attachment B: Load Forecast Adjustment Guidelines as discussed at the Load Analysis Subcommittee. **The Issue Charge was approved and the Manual changes were endorsed by acclamation with 0 objections and 0 abstentions.**

5. Review of IRM (or RRS) Study Results

Patricio Rocha Garrido, PJM, reviewed the 2023 Reserve Requirement Study (RRS) results. **The RRS study results including the Winter Weekly Reserve Target (WWRT) results were endorsed by acclamation with 0 objections and 0 abstentions.**

## First Reads

6. Manual 19 – Load Forecasting and Analysis

Molly Mooney, PJM, provided an update on Manual 19 changes as a part of the periodic review. **The committee will be asked to endorse these changes at its next meeting.**

7. Manual 14B - Regional Transmission Planning Process

Stan Sliwa, PJM, provided an update on Manual 14B changes as a part of the periodic review. **The committee will be asked to endorse these changes at its next meeting.**

## Informational Updates

### 8. 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
    - TOs to provide feedback on Trial 0 by September 22<sup>nd</sup>
    - PJM to provide Trial 1 cases by October 13<sup>th</sup>
  - 2024 Series Short Circuit
    - TOs to provide feedback on Trial 0 by September 29<sup>th</sup>
    - PJM to provide Trial 1 case for review by January 12<sup>th</sup>
- MMWG
  - 2023 Series Load Flow
    - Data Coordinators working to finalize and approve cases
    - Powertech to post final cases by September 29<sup>th</sup>
  - 2023 Series Dynamics
    - TOs to provide dynamic device models by September 29<sup>th</sup>
    - PJM to submit dynamics data correction by October 6<sup>th</sup>

### B. eGADS to SSO Account Migration

- [Presentation](#) from September PC Meeting

C. PJM has posted the following document to facilitate the data submittals into the eGADS system for Energy Storage Resources participating in the Capacity Market: <https://www.pjm.com/-/media/planning/res-adeq/gads-guidelines-for-esrs.ashx>

### D. Manual 03 – Transmission Operations - Periodic Review

- [Presentation](#) and materials related to Manual - 03 periodic review are posted on PJM.com under the October 3<sup>rd</sup> PC Meeting

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Meeting		
Tuesday, October 31, 2023	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, October 19, 2023	Tuesday, October 24, 2023
Tuesday, December 5, 2023	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Wednesday, November 22, 2023	Tuesday, November 28, 2023

Author: Ashwini Bhat

## Attendance

First Name	Last Name	Company	Sector
Rebecca (Chair)	Carroll	PJM InterConnection	Not Applicable
Ashwini (Secretary)	Bhat	PJM InterConnection	Not Applicable
Aaron	Berner	PJM InterConnection	Not Applicable
Adrien	Ford	Constellation	Not Applicable
Advait	Rode	Michigan Public Service Commission	Not Applicable
Alexander	Stern	Exelon Business Services Company, LLC	Transmission Owner
Amber	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Ana	Murteira	Public Service Electric and Gas Company	Transmission Owner
Andrea	Maucher	Delaware Division of the Public Advocate	Not Applicable
Andrea	Yeaton	PJM InterConnection	Not Applicable
Andrew	Lambert	PJM InterConnection	Not Applicable
Andrew	Gledhill	PJM InterConnection	Not Applicable
Anu	Janapareddy	Green River Holdings, LLC	Generation Owner
Art	Iler	Indiana office of Utility Consumer Counselor	Not Applicable
Asya	Staevska	PJM InterConnection	Not Applicable
Augustine	Caven	PJM InterConnection	Not Applicable
Baker	Jeff	Duke Energy	Transmission Owner
Becky	Webb	Exelon Business Services Company, LLC	Transmission Owner
Becky	Davis	PJM InterConnection	Not Applicable
Ben	Sloan	Organization of PJM States, Inc.	Not Applicable
Bill	VanderLaan	Illinois Commerce Commission	Not Applicable
Brad	Gorman	American Transmission Systems, Inc.	Transmission Owner
Brad	Swalwell	Tangent Energy Solutions, Inc.	Other Supplier
Brian	Hallett	Reliability First	Not Applicable
Bridget A	Sparks	sPower Development Company, LLC	Not Applicable

Brock	Ondayko	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Bryan	Garnett	Duke Energy Ohio, Inc.	Transmission Owner
Bryna	VanBlargan	Sabinsville SunPower, LLC	Not Applicable
Caleb	Kim	Dayton Power & Light Company (The)	Transmission Owner
Carl	Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Carlos	Isaac	Exelon Business Services Company, LLC	Transmission Owner
Catherine	Schmitt	Public Service Electric and Gas Company	Transmission Owner
Chris	Pilong	PJM InterConnection	Not Applicable
Chris	Szmodis	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Christian	McDewell	Pennsylvania Public Utility Commission	Not Applicable
Christian	Fuess	Diamond State Generation Partners, LLC	Generation Owner
Christopher	Nekolny	Exelon Business Services Company, LLC	Transmission Owner
Cleveland	Richards Jr.	PPL	Transmission Owner
Colin	Walcavich	Green River Holdings, LLC	Generation Owner
Collin	Edgar-Smith	Ohio Edison Company	Electric Distributor
Dan	Pierpont	LS Power	Transmission Owner
Dan	Benson	Duke Energy Indiana, LLC Louisville Gas and Electric Company/Kentucky Utilities Company	Not Applicable
Dan	Sprinkle	East Kentucky Power Cooperative, Inc.	Transmission Owner
Darrin	Adams	PJM InterConnection	Not Applicable
David	Mroz	Other	Not Applicable
David	Johnston	Long Island Lighting Company dba LIPA	Other Supplier
David	Mabry	McNees Wallace & Nurick LLC	Not Applicable
David	Davis	Dominion Energy Generation Marketing, Inc.	Generation Owner
David	Scarp	Calpine Energy Services, L.P.	Generation Owner
Derek	Sunderman	Savion, LLC	Not Applicable
Derek	Kou	EDP Renewables North America LLC	Generation Owner
Devin	Leith-Yessian	RTO insider	Not Applicable
Diane	Janicki	Boston Energy Trading and Marketing LLC	Other Supplier
Donavan	McGoldrick	Husch Blackwell LLP	Not Applicable
Doug	Dale	PECO Energy Company	Transmission Owner
Doug	Stinner	RWE Clean Energy, LLC	Generation Owner
Earl	Hyatt	Monitoring Analytics	Not Applicable
Ed	Franks	PJM InterConnection	Not Applicable
Eliasjavier	Martes	PPL	Transmission Owner
Eric	Osborn	EDF Trading North America, LLC	Other Supplier

Eric	Sorber	UGI	Transmission Owner
Eric	Garland	RTR Energy Solutions LLC	Not Applicable
Eric	Hsia	PJM InterConnection	Not Applicable
Eric	Yeh	BG&E	Transmission Owner
Ericka	Wylie-Chambers	Exelon Business Services Company, LLC	Transmission Owner
Erik	Heinle	Dynegy Marketing and Trade, LLC	Generation Owner
Esam	Khadr	Public Service Electric and Gas Company	Transmission Owner
Fred	Rohs	Landco	Not Applicable
Fred	Jauss	Husch Blackwell LLP Monongahela Power Company d/b/a Allegheny Power	Not Applicable
Gary	Mason		Transmission Owner
George	Fee	Appalachian Power Company (AEP Generation)	Transmission Owner
George	Kogut	NYPA	Not Applicable
Gerit	Hull	American Municipal Power, Inc.	Electric Distributor
Gina	Jardot	NRG Curtailment Solutions, Inc.	Other Supplier
Gizella	Mali	PJM InterConnection	Not Applicable
Glenn	Catenacci	Public Service Electric and Gas Company	Transmission Owner
Grant	Glazer	PJM Interconnection	Not Applicable
greg	carmean	Organization of PJM States, Inc.	Not Applicable
Gregory	Pakela	DTE Energy Trading, Inc.	Other Supplier
Guy	Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Hailbn	Sun	Exelon Business Services Company, LLC	Transmission Owner
Harrison S	Potter	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Heather	Svenson	Public Service Electric and Gas Company	Transmission Owner
Hiroaki	Ushijima	Elwood Energy, LLC	Generation Owner
Hiroaki	Ushijima	Elwood Energy, LLC	Generation Owner
Horst	Lehmann	PPL	Transmission Owner
Jack	O'Neill	PJM InterConnection	Not Applicable
Jacob	Shoup	American Electric Power	Transmission Owner
Jacob	Crim	NextEra	Other Supplier
Jacquelyn	Lojek	First Energy	Transmission Owner
James	Wilson	Wilson Energy Economics	Not Applicable
Janessa	Kent	Duquesne Light Company	Transmission Owner
Jason	Barker	Vitol Inc.	Generation Owner
Jason	Quevada	PJM InterConnection	Not Applicable
Jason	Hitt	Duquesne Light Company	Transmission Owner
Jason	Connell	PJM InterConnection	Not Applicable

Jay	Liu	PJM InterConnection	Not Applicable
Jay	Rasmussen	Duke Energy Business Services LLC	Transmission Owner
Jeff	Stuchell	First Energy	Transmission Owner
Jeff	Whitehead	GT Power Group	Not Applicable
Jen	Tribulski	PJM InterConnection	Not Applicable
Jennifer	Hohenshilt	Talen Energy Marketing, LLC	Generation Owner
Jessica	Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Jim	Davis	Dominion Energy	Transmission Owner
Jocee	Schwass	Public Utilities Commission of Ohio	Not Applicable
john	dadourian	Monitoring Analytics	Not Applicable
John	Porter	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
John	Brodbeck	EDP Renewables North America LLC	Not Applicable
Jon	Gordon	Advanced Energy Economy	Not Applicable
Jonathan	Ortiz	PJM InterConnection	Not Applicable
Jonathan	Sasser	Customized Energy Solutions, Ltd.	Not Applicable
Julia	Spatafore	PJM InterConnection Monongahela Power Company d/b/a Allegheny Power	Not Applicable Transmission Owner
Julie M	Mason	Constellation Energy Generation, LLC	Generation Owner
Juliet	Anderson	Kentucky Public Service Commission	Not Applicable
Justin	McNeil	RWE Clean Energy, LLC	Generation Owner
Karthik	Mekala	Illinois Commerce Commission	Not Applicable
Katharine	McCormick	retired	Not Applicable
Kathleen	Wehnes	Geenex Solar LLC	Other Supplier
Ken	Foladare	Monitoring Analytics	Not Applicable
Keri	Dorko	Avangrid Renewables, LLC	Generation Owner
Kevin	Kilgallen	PJM InterConnection	Not Applicable
Kevin	Bonner	NextEra	Other Supplier
Khan	Adnan	PJM InterConnection	Not Applicable
Kyle	Clifford	PPL	Transmission Owner
Kyle	Supinski	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Laura	Yovanovich	First Energy	Transmission Owner
Lawrence	Hozempa	Public Service Electric and Gas Company	Transmission Owner
Leonid	Lyakhovich	PJM InterConnection	Not Applicable
Lisa	Krizenoskas	Public Service Electric and Gas Company	Transmission Owner
Luis	Garcia	NG Renewables Energy Marketing, LLC	Other Supplier
Mabel	See	Public Utilities Commission of Ohio	Not Applicable
Mahila	Christopher		

Marc	Aurely	EN Engineering LLC	Not Applicable
Mark	Sims	PJM InterConnection	Not Applicable
Mark	Zelensky	PPL	Transmission Owner
Matt	LaRocque	PJM InterConnection	Not Applicable
Matt	Connolly	PJM InterConnection	Not Applicable
Matthew	Bernstein	PJM InterConnection	Not Applicable
Matthew	Wharton	PJM InterConnection	Not Applicable
Maura	McClelland	Public Utilities Commission of Ohio	Not Applicable
Meagan	Kuchan	Dayton Power & Light Company (The)	Transmission Owner
Megan	McLavery	PJM InterConnection	Not Applicable
Mia	Wu	PJM InterConnection	Not Applicable
Michael	Robison	American Transmission Systems, Inc.	Transmission Owner
Michael	Herman	PJM InterConnection	Not Applicable
Michele	Greening	PJM InterConnection	Not Applicable
Michelle	Souder	PJM InterConnection	Not Applicable
Mike	Handlin	PJM InterConnection	Not Applicable
Ming	Zhou	DXT Commodities North America Inc.	Other Supplier
Mohamed	Zahidi	Public Service Electric and Gas Company	Transmission Owner
Molly	Mooney	PJM InterConnection	Not Applicable
Morris	Schreim	MD PSC	Not Applicable
Nabeel	Aslam	Public Service Electric and Gas Company	Transmission Owner
Nathan	Bradley	East Kentucky Power Cooperative, Inc.	Transmission Owner
Nathan A	Lin	Dominion Energy	Transmission Owner
Neil	Joshipura	Virginia State Corporation Commission	Not Applicable
Nick	Hill	First Energy	Transmission Owner
O	McMann	UKA North America	Not Applicable
Patricio - Rocha	Garrido	PJM InterConnection	Not Applicable
Patrick	Cobb	PJM InterConnection	Not Applicable
Patti	Hankins	Self	Not Applicable
Paul	Scherer	Commonwealth Edison Company	Transmission Owner
Paul	Sotkiewicz	E-Cubed Policy Associates	Not Applicable
Phil	D'Antonio	PJM InterConnection	Not Applicable
Philip	Sussler	Office of People's Counsel	Not Applicable
Preston	Walker	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Pulin	Shah	PECO Energy Company	Transmission Owner
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
Rehan	Gilani	RWE Clean Energy services, Inc.	Other Supplier
Reynaldo	Jeune Noel	Orstead	Not Applicable
Roosbeh	Shegarfi	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Rory	Sweeney	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Ryen	Lawson	Dominion Virginia Power	Transmission Owner
Sam	Selick	Customized Energy Solutions, Ltd.	Not Applicable
Sam	Senanayake	Pine Gate Mid-Atlantic, LLC	Generation Owner
Sami	Abdulsalam	PJM Interconnection	Not Applicable
Samia	Tasnim	Public Service Electric and Gas Company	Transmission Owner
Sarah	Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Sarah	Yasutake	Jersey Green Energy LLC	Other Supplier
Saravana	Rajendran	PJM InterConnection	Not Applicable
Sari	Fink	American Wind Energy Association	Not Applicable
Scott	(Exelon)	Exelon Business Services Company, LLC	Transmission Owner
Scott	Jones	Indiana office of Utility Consumer Counselor	Not Applicable
Shadab	Ali	NextEra	Other Supplier
Shahab	Uddin	Old Dominion Electric Cooperative	Electric Distributor
Shaun	Murphy	Urban Grid Solar Projects, LLC	Other Supplier
Shawn	Hurd	First Energy	Transmission Owner
Sing	Tay	AES Laurel Mountain, LLC	Generation Owner
Skyler	Martin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Stan	Sliwa	PJM InterConnection Brookfield Renewable Trading and Marketing LP (BSMH)	Not Applicable Other Supplier
Stephen	Kelly	Duquesne Light Company	Transmission Owner
Steve	Abate	Geenex solar	Other Supplier
Steve	Hazel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven	Nadel	NextEra	Other Supplier
Steven	Kirk	PJM InterConnection	Not Applicable
Stu	Widom	PJM Interconnection	Not Applicable
Susan	McGill	PJM InterConnection	Not Applicable
Suzanne	Herel	PJM InterConnection	Not Applicable
Takis	Laios	Appalachian Power Company (AEP Transmission)	Transmission Owner
Tarik	Bensala	PJM InterConnection	Not Applicable
Temujin	Roach	EDF Renewables	Not Applicable
Thomas	Hoatson	West Deptford Energy, LLC	Generation Owner



thomas	leeming	Exelon Business Services Company, LLC	Transmission Owner
Tim	Burdis	PJM InterConnection	Not Applicable
Tim	Horger	PJM InterConnection	Not Applicable
Tom	Bainbridge	American Transmission Systems, Inc.	Transmission Owner
Tom	Rutigliano	Natural Resources Defense Council	Not Applicable
Tom	Hyzinski	GT Power Group, LLC	Not Applicable
Tyler	Arkatin	PJM InterConnection	Not Applicable
Vince	DeGiusto	UGI	Transmission Owner
Vince	Guntle	American PowerNet Management, L.P.	End-Use Customer
Wade	Richards	Apex Clean Energy Holdings, LLC	Not Applicable
Wendell	Concina	Commonwealth Edison Company	Transmission Owner
William	LaVista	RWE Clean Energy, LLC	Generation Owner
Yohannes	Mariam	Office of the People's Counsel for the District of Columbia	Not Applicable
Zelalem	Tekle	Bath County Energy, LLC	Generation Owner
Zhangxin	Zhou	DXT Commodities North America Inc.	Other Supplier
David	Weaver	PECO Energy Company	Transmission Owner
George	Khoury	PPL	Transmission Owner
Nicolae	Dumitriu	PJM InterConnection	Not Applicable
Amanda	Egan	PJM InterConnection	Not Applicable
Daniel	Lockwood	PJM InterConnection	Not Applicable
Asanga	Perera	PJM InterConnection	Not Applicable
David	Souder	PJM InterConnection	Not Applicable
Shane	Stuchell	PJM InterConnection	Not Applicable

**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:**

When logging into the Webex desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the “call me” option. PJM support staff continuously monitors Webex connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

**Participant Use of Webex Chat:**

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.*