

Planning Committee  
Webex/PJM Conference and Training Center  
January 09, 2024  
9:00 a.m. – 10:45 a.m. EPT

## Administration (9:00 - 9:10)

1. Rebecca Carroll, PJM, called the meeting to order. Julia Spatafore, PJM, reviewed the Anti-trust, Code of Conduct, media participation, WebEx and In-person meeting participation guidelines.
2. Rebecca Carroll reviewed and stakeholders approved the January 09, 2024 Planning Committee (PC) Agenda.
3. Julia Spatafore reviewed and **stakeholders approved the draft minutes from the December 05, 2023 Planning Committee by acclamation with 0 objections and 0 abstentions.**
4. Julia Spatafore reviewed the 2024 PC Work Plan.

## Endorsements

There were no endorsements at this meeting.

## First Reads (9:10 – 10:35)

5. TO/TOP Matrix Review Version 18

Gizella Mali, PJM, reviewed Version 18 of the TO/TOP Matrix as part of the periodic review. **The Committee will be requested to provide a recommendation to the TOA-AC to approve the draft TO/TOP Matrix V18 at the next PC meeting.**

6. Manual Updates to M14B & M14F

Michael Herman, PJM, reviewed the Problem Statement, Issue Charge and draft revisions to M14B and M14F to incorporate the Long Term Regional Transmission Planning language. PC Special Session meetings have been scheduled for Tuesday, January 23, 2024 and Friday, January 26, 2024 to provide an opportunity for a page turn review of the proposed revisions to Manual 14B and Manual 14F.

## Informational Updates (10:35 – 10:45)

7. 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 2 cases for review by December 8<sup>th</sup>.
    - TOs to submit Trial 2 feedback via Model on Demand by January 12<sup>th</sup>.
    - PJM to provide Trial 3 cases for review by January 26<sup>th</sup>.
    - TOs to submit Trial 3 feedback by February 9<sup>th</sup>.
  - 2024 Series Short Circuit
    - PJM to provide Trial 1 case for review by January 12<sup>th</sup>.
    - TOs to submit Trial 1 feedback by January 26<sup>th</sup>.
    - PJM to provide Trial 2 case for review by February 9<sup>th</sup>.
  
- CIP-014 Summer Study
  - Dynamics
    - PJM provided CIP-014 2026 SUM case by December 15<sup>th</sup>.
    - PJM to provide CIP-014 2026 LL case by January 31<sup>st</sup>.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
Tuesday, February 6, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, January 25, 2024	Tuesday, January 30, 2024
Tuesday, March 5, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, February 22, 2024	Tuesday, February 27, 2024
Tuesday, April 2, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, March 21, 2024	Tuesday, March 26, 2024
Tuesday, April 30, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre and Webex	Thursday, April 18, 2024	Tuesday, April 23, 2024
Tuesday, June 4, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Centre 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 Centre 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 Centre 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 Centre 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 Centre 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 Centre 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 Centre 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: Julia Spatafore

## In-Person Meeting Attendees

Last Name	First Name	Company	Sector
Carroll	Rebecca (Chair)	PJM Interconnection	None
Spatafore	Julia (Fill-in secretary)	PJM Interconnection	None
Arkatin	Tyler	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Catenacci	Glenn	Public Service Electric and Gas Company	Transmission Owner
Connell	Jason	PJM Interconnection	None
Crim	Jacob	NextEra Energy Transmission, LLC	Other Supplier
Davis	Elizabeth	PJM Interconnection	None
Dumitriu	Nicolae	PJM Interconnection	None
Egan	David	PJM Interconnection	None
Falk	Elizabeth	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Greening	Michele	PJM Interconnection	None
Hazel	Steve	Geenex Solar LLC	Other Supplier
Holt	Chris	PJM Interconnection	None
Hozempa	Lawrence	American Transmission Systems, Inc.	Transmission Owner
Kern	Jonathan	PJM Interconnection	None
Khoury	Lawrence	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Kshatriya	Niraj	PJM Interconnection	None
Lojek	Jacquelyn	American Transmission Systems, Inc.	Transmission Owner
Lynch	Jessica	PJM Interconnection	None
Mali	Gizella	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
Nallan	Dwarakesh	Equinor Wind US	
Ng	Perry	PJM Interconnection	None
OHara	Christopher	PJM Interconnection	None
Perera	Asanga	PJM Interconnection	None
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Seiler	Kenneth	PJM Interconnection	None
Shah	Pulin	Exelon Business Services Company, LLC	Transmission Owner
Shields	Jeff	PJM Interconnection	None
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner

## Remote Meeting Attendees

Last Name	First Name	Company	Sector
Abate	Steve	Duquesne Light Company	Transmission Owner
Achaab	Ed	Appalachian Power Company (AEP Transmission)	Transmission Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ali	Shadab	NextEra Energy Transmission, LLC	Other Supplier
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Apostol	David	Exelon Business Services Company, LLC	Transmission Owner
Arkatina	Tyler	PJM Interconnection	None
aslam	nabeel	Public Service Electric and Gas Company	Transmission Owner
Aurely	Marc	EN Engineering LLC	
Azim	Riyasat	Enel Green Power Hilltopper Wind, LLC	Generation Owner
Bailey	Ronnie	Dominion Virginia Power	Transmission Owner
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Barker	Jason	Vitol Inc.	Generation Owner
Bennett	Stephen	PJM Interconnection	None
Benson	Dan	Duke Energy	Transmission Owner
Bernstein	Matthew	PJM Interconnection	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bobbio,	Emmanuele	PJM Interconnection	None
Bryson	Michael	PJM Internal	
Burdis	Tim	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	
Carmean	Gregory	Organization of PJM States, Inc.	
Carroll	Rebecca	PJM Interconnection	None
Chakraborty	Rahul	Virginia Electric & Power Company	Transmission Owner
Cham	Edrissa	Savion, LLC	
Christopher	Mahila	Public Utilities Commission of Ohio	
Connolly	Matt	PJM Interconnection	None
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cox	Jason	EQ Energy Advisors, LLC	
Curtis	Kenneth	Enverus	
dadourian	john	Monitoring Analytics	
Davis	Jim	Virginia Electric & Power Company	Transmission Owner
Davis	David	Apex Clean Energy Holdings, LLC	
Davis	Becky	PJM Interconnection	None
Dhanasekar	Praveen	Dominion Virginia Power (EDC VMEA)	Transmission Owner
DiMartino	Denise	PJM Interconnection	None

Domian	Christin	Duquesne Light Company	Transmission Owner
Dorko	Keri	Monitoring Analytics	
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	
Evergam	Scott	Blue Horseshoe Energy LLC	
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Fields	Bill	Maryland People's Counsel	
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fink	Sari	MAREC Action	
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foley	Pauline	PJM Interconnection	None
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Foster	Tom	PJM Interconnection	None
Franks	Edmund	PJM Interconnection	None
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Garcia	David Osorio	Virginia Electric & Power Company	Transmission Owner
Garland	Eric	RTR Energy Solutions LLC	None
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Ghosh	Josh	Cypress Creek Renewables	
Glazer	Craig	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection	None
Grigorjeva	Jelena	Atlantic Shores Wind	
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Guy	Gary	Exelon Business Services Company, LLC	Transmission Owner
Hallett	Brian	ReliabilityFirst	
Handlin	Mike	PJM Interconnection	None
Haque	Asim Z	PJM Interconnection	None
Hastings	David	PJM Committee Voting Generic Account	Other Supplier
Heinle	Erik	Dynegy Marketing and Trade, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger	Tim	PJM Interconnection	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner

Hsia	Eric	PJM Interconnection	None
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	Earl	Monitoring Analytics	
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
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Other	
Jones	Scott	Other	
Karki	Mahesh	Savion, LLC	
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Khalili	Ramtin	Virginia Electric & Power Company	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kim	Caleb	Dayton Power & Light Company (The)	Transmission Owner
Kinard	Kellen	Savion, LLC	
Koehler	Nick	Appalachian Power Company (AEP Transmission)	Transmission Owner
Kovler	Ed	PJM Interconnection	None
Kuchan	Meagan	Dayton Power & Light Company (The)	Transmission Owner
Lacek	Mollie	PJM Interconnection	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lawson	Ryen	Dominion Virginia Power	Transmission Owner
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-Yessian	Devin	RTO Insider	None
Lescano	Amanda	New Jersey Board of Public Utilities	
Lin	Nathan A	Virginia Electric & Power Company	Transmission Owner
Llamido	Jay-Ar	Virginia State Corporation Commission	
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	
Mahoor	Mohsen	Virginia Electric & Power Company	Transmission Owner
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	
Martes	Eliasjavier	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Mason	Julie M	Duke Energy	Transmission Owner

Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Maucher	Andrea	Delaware Division of the Public Advocate	
Mauroschadt	Erich	PJM Interconnection	None
Mayers	Sharon	Clean Energy Future - Lordstown, LLC	Generation Owner
Mazhari	Matt	Electric Power Engineers LLC	
McNeil	Justin	Kentucky Public Service Commission	
Mekala	Karthik	RWE Clean Energy, LLC	Generation Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mooney	Molly	PJM Interconnection	None
Mullin	Michael	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nazemi	Mostafa	Plus Power	
Nekolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Ortiz	Jonathan	PJM Interconnection	None
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Patel	Anjali	David Gardiner and Associates	
Perera	Asanga	PJM Interconnection	None
Petruso	Dominick	Public Service Electric and Gas Company	Transmission Owner
Pham	Bao	Lincoln Generating Facility, LLC	Generation Owner
Ptak	Anton	EDF Renewable Development, Inc.	
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Razze	Scott	Pepco Holdings	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Roach	Temujin	EDF Renewable Development, Inc.	
Robison	Michael	American Transmission Systems, Inc.	Transmission Owner
Rohs	Fred	Marina Energy, LLC	Generation Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Schavrien	Nick	West Deptford Energy, LLC	Generation Owner
Schmidt	Jason	Leeward Asset Management, LLC	Generation Owner
Schmidt	Tom	Ohio Electric Cooperatives	
Schrivier	Christine	PJM Interconnection	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Seireg	Bahaa	American Clean Power	

Selick	Sam	Customized Energy Solutions, Ltd.	None
Senanayake	Sam	Pine Gate Mid-Atlantic, LLC	Generation Owner
Shah	Pulin	Exelon Business Services Company, LLC	Transmission Owner
sharpe	ian	Leeward Asset Management, LLC	Generation Owner
Shegarfi	Roozbeh	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Sloan	Ben	Organization of PJM States, Inc.	
Sotkiewicz	Paul	E-Cubed Policy Associates	
Sparks	Bridget	sPower Development Company, LLC	
Spatafore	Julia	PJM Interconnection	None
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadlmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Staevska	Asya	PJM Interconnection	None
STERN	ALEX	Exelon Business Services Company, LLC	Transmission Owner
Steve	Steinkuhl,	Duke Energy	Transmission Owner
Stinner	Doug	RWE Clean Energy, LLC	Generation Owner
Stolz	Chris	Pine Gate Mid-Atlantic, LLC	Generation Owner
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sun	Haiibn	Exelon Business Services Company, LLC	Transmission Owner
Sunderman	Derek	Savion, LLC	
Surls	Jonathan	Energy Exemplar	
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Thakur	Seema	ENGIE	
Tribulski	Jen	PJM Interconnection	None
Uddin	Shahab	Old Dominion Electric Cooperative	Electric Distributor
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Vermeire	David	Pepco Holdings	Transmission Owner
Viswanath	Atul	sPower Development Company, LLC	
vogel	charles	unknown	
Walcavich	Colin	Archlight Capital	
Wallace	Colleen E	Virginia Electric & Power Company	Transmission Owner
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Welch	Clayton	Savion, LLC	
Welch	Shawn	Doral Renewables LLC	
Wharton	Matthew	PJM Interconnection	None
Whitehead	Jeff	GT Power Group	None
Widom	Stuart	PJM Interconnection	None
Wilson	James	Other	
Wu	Mia	PJM Interconnection	None





# Draft Minutes

Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
wynder	michael	Altrock LLC	Other Supplier
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yeh	Eric	Baltimore Gas and Electric Company (TO)	Transmission Owner
Yochelson	Cheri	Dominion Virginia Power	Transmission Owner
York	Denver	East Kentucky Power Cooperative, Inc.	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Zelensky	Mark	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Zemanek	Kevin	Ohio Electric Cooperatives	
Zhou	Ming	DXT Commodities North America Inc.	Other Supplier
Zhou	Zhangxin	Virginia Electric & Power Company	Transmission Owner
Zimmerman	Zach	Grid Strategies LLC	