

Planning Committee
Webex/PJM Conference and Training Center
March 05, 2024
9:00 a.m. – 12:00 p.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 March 05, 2023 Planning Committee (PC) Agenda.
3. Ashwini Bhat reviewed and **stakeholders approved the draft minutes from the February 06, 2023 Planning Committee and February 12 special PC session by acclamation with 0 objections and 0 abstentions.**

Endorsements

4. Long Term Regional Transmission Planning (LTRTP) Manual Updates to M14B & M14F

Michael Herman, PJM, reviewed the outcome from the special PC sessions on Manual 14B and Manual 14F Page Turns that were conducted on January 23, January 26 and February 12. **The committee approved the Issue Charge and endorsed the Manual revisions as part of the quick fix process with 112 (65.5%) in favor, 59 (34.5%) opposed and 58 abstentions.**

First Reads

There were no first reads at this meeting.

Informational Updates

5. Resilience Testing Update

Grace Niu, PJM, provided an update on annual resilience testing.

6. Upgrade ID Changes

Tarik Bensala, PJM, provided an update on the Upgrade ID changes.

7. TPL – 001 - 5.1 Update

Stan Sliwa, PJM, provided an update on the TPL - 001- 5.1, P5 Corrective Action Plans (CAPs).

8. Attachment M3 process Update

Julia Spatafore, PJM, provided an update on the Attachment M3 process Update.

9. 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
 - Transmission Owners submitted contingency corrections by March 1st
 - PJM's System Planning Modeling and Support will deliver cases to PJM's Transmission Planning for review by mid-March
 - 2024 Series Short Circuit
 - PJM to provide the Trial 3 case for review by March 8th
 - TOs to provide Trial 3 feedback by March 22nd
- CIP-014 Summer Study
 - Dynamics
 - CIP-014 2026 SUM and LL cases were finalized on February 20th
- MMWG
 - Dynamics
 - PJM provided solutions to MMWG dynamic Trial 3 on February 23rd

B. Informational Only [Presentation](#) on ER24-99 proposed manual update timeline was posted on PJM.com under the March 05 PC section.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
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.	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 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: Ashwini Bhat

Attendance

Last Name	First Name	Company	Sector
Carroll (Chair)	Rebecca	PJM Interconnection	None
Bhat (Secretary)	Ashwini	PJM Interconnection	None
Abate	Steve	Duquesne Light Company	Transmission Owner
Abdulsalam	Sami	PJM Interconnection	None
Abdurrahman	Muhsin	Dynegy Marketing & Trade, LLC (DECAM)	Generation Owner
Abramowitz	Jeremy	Monitoring Analytics	None
Acosta	Raquel	Michigan Public Service Commission	None
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ahmed	Hamad	PJM Interconnection	None
Amber	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Amoling	Leo	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Anderson	Jared	Constellation Energy Generation, LLC	Generation Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
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
Baker	Scott	PJM Interconnection	None
Barker	Jason	Vitol Inc.	Generation Owner
Benson	Dan	Duke Energy Indiana, LLC	None
Berner	Aaron	PJM Interconnection	None

Bernstein	Matthew	PJM Interconnection	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bobbio	Emmanuele	PJM Interconnection	None
Bolthouse	Julie	Piedmont Environmental Council	None
Bowker	Shannon	PJM Interconnection	None
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Braun	Justin	AES	Transmission Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Burdis	Tim	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Carmean	Gregory	Organization of PJM States, Inc.	None
Cham	Edrissa	Savion, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Cleveland Jr.	Richards	PPL	Transmission Owner
Cobb	Patrick	PJM Interconnection	None
Cocco	Michael	ODEC	Transmission Owner
Connell	Jason	PJM Interconnection	None
Connolly	Matt	PJM Interconnection	None
Copeland	Kyle	PJM Interconnection	None
Crim	Jacob	Nextera Energy Transmission LLC	Other Supplier
Dadourian	John	Monitoring Analytics	None
Daugherty-Bell	Derrick	BW Solar	None
Davis	Becky	PJM Interconnection	None
Davis	David	PJM Interconnection	None
Davis	Jim	Dominion Energy	Transmission Owner
DeGiusto	Vince	UGI	Transmission Owner
Diaz	Juan	Public Service Electric and Gas Company	Transmission Owner
Diaz	Juan	Public Service Electric and Gas Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Douglass	Robert	Constellation Energy Generation, LLC	Generation Owner
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Eedupuganti	Subbarao	PJM Interconnection	None
Egan	Amanda	PJM Interconnection	None
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Everngam	Scott	Blue Horseshoe Energy LLC	None
Falciani	Jeff	PJM Interconnection	None
Falk	Elizabeth	PPL	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None

Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foley	Pauline	PJM Interconnection	None
Foster	Tom	PJM Interconnection	None
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Garcia	Dabid Osorio	Dominion Energy	Transmission Owner
Ghosh	Josh	Cypress Creek Renewables, LLC	Generation Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Glazer	Grant	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gordon	Jon	Advanced Energy Economy	None
Graham	Katherine	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Grey	Bruce	Samsung	None
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Ha	SooKwon	Dominion Virginia Power (EDC VMEA)	Transmission Owner
Hallett	Brian	Reliability First	None
Handlin	Mike	PJM Interconnection	None
Hastings	David	PJM Committee Voting Generic Account	Other Supplier
Hazel	Steve	Geenex Solar LLC	Other Supplier
Hedayati	Mojgan	PJM Interconnection	None
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
Holt	Christopher	PJM Interconnection	None
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
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counselor	None
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier

Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Other	None
Jones	Scott	Other	None
Joshi	Govind	PPL	Transmission Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kern	Jonathan	PJM Interconnection	None
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kinard	Kellen	Savion, LLC	None
Kirk	Steven	Nextera Energy Transmission LLC	Other Supplier
Koehler	Nick	Appalachian Power Company (AEP Transmission)	Transmission Owner
Kogut	George	NYPA	None
Konowal	Richard	PJM Interconnection	None
Kosner	Bob	Illinois Municipal Electric Agency	Electric Distributor
Lacek	Mollie	PJM Interconnection	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lang-Ree	Claire	NRDC	None
Lawson	Ryen	Dominion Virginia Power	Transmission Owner
Leatherman	Carter	Duquesne Light Company	Transmission Owner
Lehmann	Horst	PPL	Transmission Owner
Leith-Yessian	Devin	RTO Insider	Not Applicable
Lescano	Amanda	New Jersey Board of Public Utilities	None
Lifson	Matt	Institute for Policy Integrity	None
Lin	Nathan . A	Virginia Electric & Power Company	Transmission Owner
Lockwood	Dan	PJM Interconnection	None
Lojek	Jacquelyn	American Transmission Systems, Inc.	Transmission Owner
Lousos	Alexandros	AMP Transmission, LLC	Transmission Owner
Lunde	Constance	Savion Energy	None
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	None
Maguette	Fall	EDP Renewables North America LLC	Generation Owner
Mahoor	Mohsen	Virginia Electric & Power Company	Transmission Owner
Mangonon	Rollie	Rockland Electric Company	Transmission Owner
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	None
Marzewski	Skyler	PJM Interconnection	None
Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Mason	Julie M	Duke Energy	Transmission Owner
Matheson	Eric	SYSO Inc.	Other Supplier

McClelland	Maura	Public Utilities Commission of Ohio	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McElwaine	Kathy	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
McLavery	Megan	PJM Interconnection	None
McNeil	Justin	Kentucky Public Service Commission	None
McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Mekala	Karthik	RWE Clean Energy, LLC	Generation Owner
Mertz	Chris	Candela Renewables	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mohler	Tina	PJM Interconnection	None
Mwangi	Gertrude	PJM Interconnection	None
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Newbill	Brandon	Old Dominion Electric Cooperative	Electric Distributor
Ng	Perry	PJM Interconnection	None
Nikolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Niu	Grace	PJM Interconnection	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Ortiz	Jonathan	PJM Interconnection	None
Pakela	Gregory	DTE Energy	None
Panchal	Hitesh	PJM Interconnection	None
Patel	Anjali	David Gardiner and Associates	None
Perera	Asanga	PJM Interconnection	None
Perera	Asanga	PJM Interconnection	None
Perry	Jonathan	Virginia Electric & Power Company	Transmission Owner
Petruso	Dominic	Public Service Electric and Gas Company	Transmission Owner
Pezalla	Bill	Old Dominion Electric Cooperative	Electric Distributor
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pilong	Chris	PJM Interconnection	None
Poulos	Greg	PJM Committee Voting Generic Account	None
Qiu	Wenzheng	PJM Interconnection	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
Rajendran	Saravana	PJM Interconnection	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	None

Rode	Advait	Michigan Public Service Commission	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rohs	Fred	Marina Energy, LLC	Generation Owner
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rutigliano	Tom	Natural Resources Defense Council	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Schavrien	Nick	Silver Run Electric, LLC	Transmission Owner
Schmidt	Tom	Buckeye Power, Inc.	Electric Distributor
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Scott	H.	Baltimore Gas and Electric Company (TO)	Transmission Owner
Seiler	Kenneth	PJM Interconnection	None
Seireg	Bahaa	American Clean Power	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shadab	Ali	Nextera Energy Transmission LLC	Other Supplier
Shah	Pulin	Exelon Business Services Company, LLC	Transmission Owner
Shegarfi	Roosbeh	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Sims	Mark	PJM Interconnection	None
Singh	Harliv	Invenergy	None
Skumanich	Bill	RTR Energy	None
Sliwa	Stan	PJM Interconnection	None
Sloan	Ben	Organization of PJM States, Inc.	None
Smyda	Ashley	First Energy	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Sparks	Bridget	sPower Development Company, LLC	None
Spatafore	Julia	PJM Interconnection	None
Speelman	Jennie	PJM Interconnection	None
Staevska	Asya	PJM Interconnection	None
Stern	Alex	Exelon Business Services Company, LLC	Transmission Owner
Steve	Steinkuhl	Duke Energy	Transmission Owner
Steven	Kirk	Nextera Energy Transmission LLC	Other Supplier
Storino	Laura	New Jersey Board of Public Utilities	None
Stuchell	Jeff	First Energy	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Su	Jung	Calpine Energy Services, L.P.	Generation Owner
Sun	Haibin	Exelon Business Services Company, LLC	Transmission Owner
Sunderman	Derek	Savion, LLC	None
Sussler	Philip	Office of people's Counsel - Maryland	None
Svenson	Heather	PSE&G	Transmission Owner

Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szmodis	Chris	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Tesfa	Nebiat	PJM Interconnection	None
Tribulski	Jen	PJM Interconnection	None
Tubridy	Meg	Rockland Electric Company	Transmission Owner
Uddin	Shahab	Old Dominion Electric Cooperative	Electric Distributor
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
VanBlargan	Bryna	Sabinsville SunPower, LLC	None
Velumylyum	Ganesh	AMP Transmission, LLC	Transmission Owner
Viswanath	Atul	AES	Transmission Owner
Walcavich	Colin	Elevate Renewable Energy	None
Wallace	Colleen	Virginia Electric & Power Company	Transmission Owner
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Welch	Clayton	Doral Renewables LLC	None
Whitehead	Jeff	GT Power Group	None
Wilches	Rafael	PSEG Energy Resources and Trade LLC	Other Supplier
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
Yochelson	Cheri	Dominion Virginia Power	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Z. Haque	Asim	PJM Interconnection	None
Zelensky	Mark	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	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](#).

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On the Phone, Dial



to Mute/Unmute

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1. Join meeting in the Webex desktop client
2. Enter name (*First and Last**) and corporate email
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