

Planning Committee

Webex / PJM Conference and Training Center

August 06, 2024

9:00 a.m. – 12:30 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 August 06, 2024 Planning Committee (PC) Agenda.
3. Ashwini Bhat reviewed and **the committee approved the draft minutes from the July 16, 2024 Planning Committee by acclamation with 0 objections and 0 abstentions.**

Endorsements

4. Load Analysis Subcommittee (LAS) Charter Review

Andrew Gledhill, PJM, reviewed updates to the Load Analysis Subcommittee Charter.

A friendly amendment was made to the Charter document under the 'Mission' section. David Scarpignato, Calpine Energy Services, proposed an amendment as follows.

..and is responsible for soliciting stakeholder input and providing review of PJM reports...

There were no objections, and therefore the amendment was incorporated into the proposed Charter.

The committee approved the LAS Charter as amended by acclamation with 0 objections and 0 abstentions.

5. Manual 14B Update

A. Stan Sliwa, PJM, provided a second read of Manual 14B changes. **The committee endorsed the manual changes by acclamation with 0 objections and 0 abstentions.**

First Reads

6. Manual 14F – Competitive Planning Process

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

Informational Updates

7. Reliability Compliance Update

Gizella Mali, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

8. Preliminary ELCC Class Ratings for 2027- 2034

Patricio Rocha Garrido, PJM, provided information about the calculation of the Preliminary ELCC Class Ratings for the period 2027 – 2034.

Working Items

9. Enhancing Capacity Interconnection Rights (CIR) Transfer Efficiency

- A. Rebecca Carroll, PJM, reviewed the work plan.
- B. Rebecca Carroll, PJM, led stakeholders in a discussion to identify and review interests, design components and solution options for the updated issue charge.
- C. Joe Bowring, IMM, presented a proposal package on behalf of IMM.

The Planning Committee may seek endorsement of the proposed solutions at the September 12th PC meeting.

[Issue Tracking: Enhancing Capacity Interconnection Rights \(CIR\) Transfer Efficiency](#)

Informational Posting

A. Model Build Activity Update

- RTEP
 - 2024 Series Dynamics
 - PJM is currently building 2028 SUM and LL dynamic cases
- MMWG
 - 2024 Series Load Flow
 - PowerTech to post Trial 2 cases by August 2nd
 - TOs to provide feedback on Trial 2 cases by August 9th
 - PJM to provide Trial 2 corrections to PowerTech by August 16th
 - PowerTech to post Trial 3 cases by August 23rd
 - TOs to provide feedback on Trial 3 cases by August 30th
 - PJM to provide Trial 3 corrections to PowerTech by September 6th
 - 2023 Series Dynamics
 - MMWG to provide dynamics data updates

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
Thursday, September 12, 2024	1:00 p.m. – 4:00 p.m.	PJM Conference & Training Center and Webex	Tuesday, August 30, 2024	Thursday, September 5, 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 LLC.	None
Bhat (Secretary)	Ashwini	PJM Interconnection LLC.	None
Abate	Steve	Duquesne Light Company	Transmission Owner
Abdurrahman	Muhsin	Vistra Corporation	None
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Affleck	Jon	PJM Interconnection LLC.	None
Alan	Mok	Duke Energy	Transmission Owner
Amanda	Simonian	Zero Emission Grid	None
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Analytics	Monitoring	Monitoring Analytics	None
Anders	David	PJM Interconnection LLC.	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Anderson	Jared	Constellation Energy Generation, LLC	Generation Owner
Arega	Robel	Plus Power LLC	None
Arkatin	Tyler	PJM Interconnection LLC.	None
Aurely	Marc	EN Engineering LLC	None
Avery Lin	Nathan	Dominion Virginia Power	Transmission Owner
Baca	Emilio	Public Service Electric and Gas Company	Transmission Owner
Bailey	Ronnie	Duquesne Light Company	Transmission Owner
Bainbridge	Tom	American Transmission Systems, Inc.	Transmission Owner
Baker	Scott	PJM Interconnection LLC.	None
Barker	Jason	Vitol Inc.	Generation Owner

Barmack	Matt	Calpine Energy Services, L.P.	Generation Owner
Barrow	Kimberly	PA PUC	None
Bell	Maria	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Benson	Dan	Duke Energy Indiana, LLC	None
Berner	Aaron	PJM Interconnection LLC.	None
Bernstein	Matthew	PJM Interconnection LLC.	None
Bettinger	Brett	Duke Energy Ohio, Inc.	Transmission Owner
Boehnlein	Andrew	Virginia State Corporation Commission	None
Borgatti	Mike	PJM Committee Voting Generic Account	None
Bowker	Shannon	PJM Interconnection LLC.	None
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Braun	Justin	Dayton Power & Light Company (The)	Transmission Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruno	Josh	PJM Interconnection LLC.	None
Callen	Zachary	Illinois Commerce Commission	None
Caristia	James	Public Service Electric and Gas Company	Transmission Owner
Caven	Augustine	PJM Interconnection LLC.	None
Cham	Edrissa	Savion, LLC	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	None
Cleveland	Richards Jr	PPL	Transmission Owner
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Colley	Ryan	NextEra Energy Transmission, LLC	Other Supplier
Connolly	Matt	PJM Interconnection LLC.	None
Cox	Jason	EQ Energy Advisors, LLC	None
Crim	Jake	NextEra Energy Transmission, LLC	Other Supplier
Croop	Danielle	PJM Interconnection LLC.	None
Curtis	Kenneth	Enverus	None
D'Antonio	Phil	PJM Interconnection LLC.	None
Dadourian	John	Monitoring Analytics	None
Davis	Jim	Dominion Virginia Power	Transmission Owner
Davis	Becky	PJM Interconnection LLC.	None
Davis	David	PJM Interconnection	None
Dawson	Jude	ECT	None
Deacon	Bobby	RTR Energy Solutions LLC	None
DeGiusto	Vince	UGI	Transmission Owner
Diaz	Juan	Public Service Electric and Gas Company	Transmission Owner
Dolan	Ryan	NextEra Energy Transmission, LLC	Other Supplier
Domian	Christin	Duquesne Light Company	Transmission Owner

Donahue	Tom	High Point	None
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Drivas	Cristina	Elevate Renewable Energy	None
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Andrei	Public Service Electric and Gas Company	Transmission Owner
Eakins	Doug	Commonwealth Edison Company	Transmission Owner
Egan	David	PJM Interconnection LLC.	None
Emberger	Elizabeth	Exelon Business Services Company, LLC	Transmission Owner
Esquivel	Manuel	Hydostor Inc	None
Everngam	Scott	Blue Horseshoe Energy LLC	None
Falciani	Jeff	PJM Interconnection LLC.	None
Falk	Elizabeth	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fink	Sari	Pine Gate Mid-Atlantic, LLC	Generation Owner
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Franks	Edmund	PJM Interconnection LLC.	None
Frede	Shannon	Maryland Energy Administration	None
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Gaddes	Caleb	Whitetail Solar 1, LLC	Generation Owner
Garcia	David Osorio	Public Service Electric and Gas Company	Transmission Owner
Garnett	Bryan	Duke Energy	Transmission Owner
Gates	Jill	PJM Interconnection LLC.	None
Gatti	Anthony	PJM Interconnection LLC.	None
Ghosh	Josh	Cypress Creek Renewables, LLC	Generation Owner
Glattfelder	Matt	Virginia State Corporation Commission	None
Glatz	Sue	NA	None
Glazer	Grant	MN8 Energy Operating Company LLC	None
Gledhill	Andrew	PJM Interconnection LLC.	None
Gordon	Jon	Advanced Energy Economy	None
Green	Brandon	Hanwha Q CELLS USA Corp	None
Greene	Ben	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection LLC.	None
Grewal	Harry	PJM Interconnection LLC.	None
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer

Hallett	Brian	ReliabilityFirst	None
Hanser	Erik	Michigan Public Service Commission	None
Hart	Ron	Dominion Virginia Power	Transmission Owner
Hartt	Brandon	Engelhart CTP (US) LLC	Other Supplier
Hazel	Steve	Geenex Solar LLC	Other Supplier
Heinle	Erik	Dynergy Marketing and Trade, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection	None
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holland	Risa	PJM Interconnection LLC.	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 LLC.	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group, LLC	None
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jeff	Baker	Duke Energy	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Other	None
Jones	Scott	Other	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Khoury	George	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Koeplinger	Allie	Michigan Public Service Commission	None
Kogut	George	New York Power Authority	Other Supplier
Konowal	Richard	PJM Interconnection LLC.	None
Kosner	Bob	Illinois Municipal Electric Agency	Electric Distributor
Kshatriya	Niraj	PJM Interconnection LLC.	None
Kuchan	Meagan	Dayton Power & Light Company (The)	Transmission Owner
Kwon Ha	Soo	Dominion Virginia Power	Transmission Owner
L Wicks	Tonja	Elevate Renewable Energy	None
Lacek	Mollie	PJM Interconnection LLC.	None

Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lang-Ree	Claire	NRDC	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-Yessian	Devin	RTO Insider	None
Lunde	Constance	Shell Energy North America (US), L.P.	Other Supplier
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection LLC.	None
Lynn	Brian	PJM Interconnection LLC.	None
M Hooker	Marquette	Dominion Virginia Power	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Malcolm	Jack	Delmarva Power & Light Company	Electric Distributor
Mali	Gizella	PJM Interconnection	None
Mason	Gary	Monongahela Power Company	Transmission Owner
Mason	Julie M	Monongahela Power Company	Transmission Owner
Mason	Gary	Monongahela Power Company	Transmission Owner
Matheson	Eric	Non-member	None
Mauroschadt	Erich	PJM Interconnection LLC.	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McClure	Emily	Illinois Commerce Commission	None
McCormick	Kaitlin	NextEra Energy Transmission, LLC	Other Supplier
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McElwaine	Kathy	PJM Interconnection LLC.	None
McGill	Susan	PJM Interconnection LLC.	None
McGovern	Jason	PJM Interconnection LLC.	None
McNeil	Justin	Kentucky Public Service Commission	None
Mei	Kevin	Rockland Electric Company	Transmission Owner
Mekala	Karthik	RWE Clean Energy, LLC	Generation Owner
Mihaly	Imola	Nautilus Power, LLC	Generation Owner
Mullin	Michael	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Nguyen	Henry	Exelon Business Services Company, LLC	Transmission Owner
Nitchie	Laura	PJM Interconnection LLC.	None
Niu	Grace	PJM Interconnection LLC.	None
Nix	Emma	EDF Renewable Development, Inc.	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor

Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Panchal	Hitesh	PJM Interconnection LLC.	None
Petruso	Dominick	Public Service Electric and Gas Company	Transmission Owner
Pham	Bao	Lincoln Generating Facility, LLC	Generation Owner
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pietrucha	Doug	Advanced Energy Economy	None
Poulos	Greg	PJM Committee Voting Generic Account	None
quevada	jason	PJM Interconnection LLC.	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 LLC.	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Razze	Scott	Potomac Electric Power Company	Electric Distributor
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rocha-Garrido	Patricio	PJM Interconnection 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
Rowland	Carrie	Swift Current Energy	None
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
S Potter	Harrison	Dominion Virginia Power	Transmission Owner
Samuel	Allison	Virginia State Corporation Commission	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Schavrien	Nick	Silver Run Electric, LLC	Transmission Owner
Scheirer	Alex	PJM Interconnection LLC.	None
Schreim	Morris	Maryland Public Service Commission	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shadab	Ali	NextEra Energy Transmission, LLC	Other Supplier
Silverberg	Greg	REV Renewables	None
Skumanich	Bill	RTR Energy Solutions LLC	None
Sliwa	Stanley	PJM Interconnection	None
Sloan	Ben	Organization of PJM States, Inc.	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None

Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Steichen	Rena	Bath County Energy, LLC	Generation Owner
Stern	Alex	Exelon Business Services Company, LLC	Transmission Owner
Steven	Kirk	NextEra Energy Transmission, LLC	Other Supplier
Storino	Laura	NJ Board of Public Utilities	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Stupar	Rob	Invenergy Energy Management LLC	Generation 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
Sunderman	Derek	Savion, LLC	None
Sussler	Philip	Maryland Office Of People's Counsel	None
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szot	Lisa	Geenex Solar LLC	Other Supplier
Tangvald	Rainor	Duke Energy Ohio, Inc.	Transmission Owner
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Tesfa	Nebiat	PJM Interconnection LLC.	None
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Toth	Sarah	RMI	None
Truong	Tuan	Duke Energy Ohio, Inc.	Transmission Owner
Unger	Matthew	Virginia State corporation Commission	None
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
V Carmean	Gregory	Organization of PJM States, Inc.	None
Vanderlaan	Bill	Illinois Commerce Commission	None
W Hastings	David	Public Service Electric and Gas Company	Transmission Owner
Walcavich	Colin	Equinor Renewables	None
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Welch	Shawn	Doral Renewables LLC	None
widom	stuart	PJM Interconnection LLC.	None
Wilches	Rafael	PSEG Energy Resources and Trade LLC	Other Supplier
Wilson	James	Other	None
Worcester	Alex	Transmission Analytics Consulting LLC	None
Wu	Mia	PJM Interconnection LLC.	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yeh	Eric	Baltimore Gas and Electric Company (TO)	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
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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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<p>On the Phone, Dial</p>  <p>to Mute/Unmute</p>	<p>Linking Teleconference Connection to Webex</p> <p>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.</p>
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<p>Join a Meeting</p>	<ol style="list-style-type: none"> 1. Join meeting in the Webex desktop client 2. Enter name (<i>First and Last*</i>) and corporate email 3. Under "Select Audio Option" select "Call Me" option from the dropdown menu
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