

Planning Committee
Webex/PJM Conference and Training Center
June 04, 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 June 04, 2024 Planning Committee (PC) Agenda.
3. Ashwini Bhat reviewed and **stakeholders approved the draft minutes from the April 30, 2024 Planning Committee by acclamation with 0 objections and 0 abstentions.**

Endorsements

4. [Enhancing Capacity Interconnection Rights \(CIR\) Transfer Efficiency](#)

Denise Foster Cronin, EKPC, reviewed the proposed changes to the Issue Charge for Enhancing Capacity Interconnection Rights (CIR) Transfer Efficiency. **The committee approved the proposed changes to the Issue Charge by acclamation with 0 objections and 0 abstentions.**

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

5. [Manual 14B, 20, 20A, 21, 21A and 21B Update](#)

Josh Bruno and Patricio Rocha Garrido, PJM, provided an update on the impacted Planning Manuals – Manual 14B, Manual 20, Manual 20A, Manual 21, Manual 21A and Manual 21B due to CIFP – Resource Adequacy process. An amendment was received and incorporated into Section 3 of Manual 21B.

The committee endorsed these changes by acclamation with 0 objections and 0 abstentions.

[Issue Tracking: Capacity Market Reform](#)

First Reads

There were no first reads at this meeting.

Informational Updates

6. [Upgrade ID Format Update](#)

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

7. [Preliminary ELCC Class Ratings Update](#)

Patricio Rocha Garrido, PJM, reviewed the preliminary indicative ELCC Class Ratings for period Delivery Year 2026/27 – Delivery Year 2034/35.

8. FERC Order No.1920 Update

- A. Jason Connell, PJM, discussed the FERC Order No.1920 issued by FERC on May 13.
- B. Tom Rutigliano, NRDC and Claire Wayner, RMI, provided an update on the gap analysis between LTRTP manual revisions and FERC Order No.1920 and NRDC's view of PJM's current authority.

9. Reliability Compliance Update

Gizella Mali , 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's System Planning Modeling and Support and Transmission Planning departments are currently reviewing the models
 - 2024 Series Dynamics
 - PJM is currently building the 2029 SUM and LL dynamics cases
- MMWG
 - 2024 Series Load Flow
 - TO provide updates to starting cases by May 24th
 - PJM to provide initial 12 MMWG cases to PowerTech by June 21st
 - 2023 Series Dynamics
 - MMWG is currently working to finalize dynamic cases

Date	Time	Location	to Secretary	Published
			5:00 p.m. EPT deadline*	
Tuesday, July 9, 2024	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center 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 Center 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 Center 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 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	None
Bhat (Secretary)	Ashwini	PJM Interconnection	None
Abate	Steve	Duquesne Light Company	Transmission Owner
Abdurrahman	Muhsin	Dynegy Marketing & Trade, LLC (DECAM)	Generation Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Adnan	Khan	NextEra Energy Transmission, LLC	Other Supplier
Affleck	Jon	PJM Interconnection	None
Anders	David	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
Bensala	Tarik	PJM Interconnection	None
Benson	Dan	Duke Energy Indiana, LLC	Transmission Owner
Bernstein	Matthew	PJM Interconnection	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bowker	Shannon	PJM Interconnection	None
Brad	Heisey	Tenaska	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruno	Josh	PJM Interconnection	None
Burdis	Tim	PJM Interconnection	None

Callen	Zachary	Illinois Commerce Commission	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Canchi	Devendra	Monitoring Analytics	None
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Caristia	James	Public Service Electric and Gas Company	Transmission Owner
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Catenacci	Glenn	Public Service Electric and Gas Company	Transmission Owner
Caven	Augustine	PJM Interconnection	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	None
Cobb	Patrick	PJM Interconnection	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Connell	Jason	PJM Interconnection	None
Connolly	Matt	PJM Interconnection	None
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cox	Jason	EQ Energy Advisors, LLC	None
Coyle	Billy	Dominion Energy	Transmission Owner
Crim	Jake	NextEra Energy Transmission, LLC	Other Supplier
Croop	Danielle	PJM Interconnection	None
Curtis	Kenneth	Enverus	None
D'Antonio	Phil	PJM Interconnection	None
Dadourian	John	Monitoring Analytics	None
Davis	David	PJM Interconnection	None
Davis	Becky	PJM Interconnection	None
DeAngelis	Cameron	Public Service Electric and Gas Company	Transmission Owner
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
Del Olmo	Rizki	PJM Interconnection	None
DeLosa	Joe	The Brattle Group, Inc.	None
Deng	Danny	PJM Interconnection	None
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
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Drivas	Cristina	Elevate Renewables	None
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Eakins	Doug	Commonwealth Edison Company	Transmission Owner
Edgar-Smith	Collin	Urban Grid Solar Projects, LLC	Generation Owner
Eedupuganti	Subbarao	PJM Interconnection	None

Egan	David	PJM Interconnection	None
Esterly	Theresa	PJM Interconnection	None
Evergam	Scott	Blue Horseshoe Energy LLC	None
Fabiano,	Janell	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Falciani	Jeff	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fitch	Neal A.	NRG Energy	Generation Owner
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foley	Pauline	PJM Interconnection	None
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Foster	Tom	PJM Interconnection	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks	Edmund	PJM Interconnection	None
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fuller	Pete	Autumn Lane Energy Consulting LLC	None
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Garcia	David Osario	Public Service Electric and Gas Company	Transmission Owner
Ge	Jingdong	Virginia Electric & Power Company	Transmission Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESAL SERVICES, INC.	Other Supplier
Glatz	Sue	NA	None
Glazer	Grant	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gordon	Jon	Advanced Energy Economy	None
Gostkowski	Elizabeth	PSEG Renewable Transmission LLC	Transmission Owner
Greene	Ben	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection	None
Grey	Bruce	Samsung C&T America	None
Ha	SooKwon	Dominion Virginia Power (EDC VMEA)	Transmission Owner
Hakimi	Fazlulah	PJM Interconnection	None
Hallett	Brian	Reliability First	None
Handlin	Mike	PJM Interconnection	None
Hanser	Erik	Michigan Public Service Commission	None
Hazel	Steve	Geenex Solar LLC	None
He	Esther	Transalta	None
Hedayati	Mojgan	PJM Interconnection	None
Heinle	Erik	Dynegy Marketing and Trade, LLC	Generation Owner

Herbert	Sarah	LineVision	None
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger	Tim	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
Hozempa	Lawrence	First Energy	Transmission Owner
Hugh	Scott,	Exelon Business Services Company, LLC	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyatt	Earl	Monitoring Analytics	None
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
Jacobs	Mike	Union of Concerned Scientists	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jaramillo	Gil	NOVEC	None
Jay	Rasmussen,	Duke Energy	Transmission Owner
John	R	Ohio consumers' counsel	None
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Other	None
Jones	Alexandra	Northeastern REMC	Electric Distributor
Jones	Scott	Northeastern REMC	Electric Distributor
Julie M	Mason	Duke Energy	Transmission Owner
Karki	Mahesh	Savion, LLC	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kirk	Steven	NextEra Energy Transmission, LLC	Generation Owner
Koehler	Nick	Appalachian Power Company (AEP Transmission)	Transmission Owner
Kogut	George	NYPA	None
Kovler	Ed	PJM Interconnection	None
Kshatriya	Niraj	PJM Interconnection	None
Kumar	Saravana	PJM Interconnection	None
L Graham	Keith	Dominion Energy	Transmission Owner
L Wicks	Tonja	Elevate Renewables	None
Lacek	Mollie	PJM Interconnection	None

Lafayette	Robin	PPL	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lang-Ree	Claire	NRDC	None
leeming	thomas	Exelon Business Services Company, LLC	Transmission Owner
Lehmann	Horst	PPL	Transmission Owner
Leith	Devin	PM RTO Insider	None
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
Liu	Jay	Twin Ridges LLC	Generation Owner
Lojek	Jacquelyn	First Energy	Transmission Owner
Lunde	Constance	Shell Energy North America (US), L.P.	Other Supplier
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Lynn	Brian	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection	None
Mason	Gary	Monongahela Power Company	Transmission Owner
Matheson	Eric	Non-member	None
Mathew	Lagy	PJM Interconnection	None
Maucher	Andrea	Delaware Division of the Public Advocate	None
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McGill	Susan	PJM Interconnection	None
McClean	Ty	Transalta	None
McNeil	Justin	Kentucky Public Service Commission	None
Meng Khaw	Yew	Algonquin Power	Generation Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller	John	NedPower Mount Storm, LLC	Generation Owner
Mooney	Molly	PJM Interconnection	None
Nekolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Nix	Emma	EDF Renewable Development, Inc.	None
OHara	Christopher	PJM Interconnection	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Panchal	Hitesh	PJM Interconnection	None
Passma	Rachel	Gabel Associates	None
Passman	Rachel	Gabel Associates	None
Patel	Anjali	Office of People's counsel	None
Perera	Asanga	PJM Interconnection	None

Perry	Jonathan	Virginia Electric & Power Company	Transmission Owner
Petruso	Dominick	Public Service Electric and Gas Company	Transmission Owner
Pierpont	Dan	LS Power	Transmission Owner
Piette	Tim	Oriden	None
Pilong	Chris	PJM Interconnection	None
Poulos	Greg	PJM Committee Voting Generic Account	None
Qiu	Wenzheng	PJM Interconnection	None
Quevada	Jason	PJM Interconnection	None
Radhakrishna Pillai	Nuthish	PECO Energy Company	Transmission Owner
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Rajasekeran	Sangeetha	Nira Energy	None
Razze	Scott	Potomac Electric Power Company	Electric Distributor
Reagan-	Ryann	NJBPU	None
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Roberts	Casey	Other	None
Robison	Michael	American Transmission Systems, Inc.	Transmission Owner
Rocha Garrido	Patricio	PJM Interconnection	None
Rode	Advait	Michigan Public Service Commission	None
RP	Nuthish	Exelon Business Services Company, LLC	Transmission Owner
Rutigliano	Tom	Natural Resources Defense Council	None
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
S Potter	Harrison	Dominion Energy	Transmission Owner
Sabir	Adeel	Nira Energy	None
Sammartino	Michael	Maryland Office of People's Counsel	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
Scheidecker	Paul	Monitoring Analytics	None
Scheirer	Alex	PJM Interconnection	None
Scherer	Paul	Commonwealth Edison Company	Transmission Owner
Schmidt	Tom	Buckeye Power, Inc.	Electric Distributor
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Schreim	Morris	Maryland PSC	None
Schuyler	Ken	PJM Interconnection	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shadab	Ali,	NextEra Energy Transmission, LLC	Other Supplier
Shah	Pulin	PECO Energy Company	Transmission Owner
Shegarfi	Roozbeh	Exelon Business Services Company, LLC	Transmission Owner

Shoemaker	Jason	PJM Interconnection	None
Sillin	John	FERC	None
Simeone	Christina	National Renewable Energy Laboratory	None
Singh	Hariv	Invenergy, LLC	Generation Owner
Skiba	Kyle	First Energy	Transmission Owner
Sliwa	Stanley	PJM Interconnection	None
Sloan	Ben	Organization of PJM States, Inc.	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Sparks	Bridget	sPower Development Company, LLC	Transmission Owner
Stadlmeier	Rebecca	Jersey Green Energy LLC	Other Supplier
STERN	ALEX	Exelon Business Services Company, LLC	Transmission Owner
Steve	Steinkuhl	Duke Energy	Transmission Owner
Stinner	Doug	RWE Clean Energy, LLC	Generation Owner
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
Summers,	Clara	citizens utility Board	Generation Owner
Sun	Haibin	Exelon Business Services Company, LLC	Transmission Owner
Sussler	Philip	Office of People's counsel	None
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Swanger	Eric	Appalachian Power Company (AEP Transmission)	Transmission Owner
Sweeney	Rory	NOVEC	None
Swigonski	Frank	Jupiter Power	None
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Tong	Tony	Exelon Business Services Company, LLC	Transmission Owner
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
V Carmean	Gregory	OPSI	None
Velumylum	Ganesh	AMP Transmission, LLC	Transmission Owner
Viqueira	Alexandra	Invenergy	Generation Owner
W Hastings	David	Public Service Electric and Gas Company	Transmission Owner
Wallace	Colleen	Virginia Electric & Power Company	Transmission Owner
Wayner	Claire	RMI	None
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	Retired	None
Welch	Shawn	Doral Renewables LLC	None
Welch	Clayton	Doral Renewables LLC	None
Whitehead	Jeff	GT Power Group	None
widom	stuart	PJM Interconnection	None

Wilches	Rafael	PSEG Energy Resources and Trade LLC	Other Supplier
Wu	Mia	PJM Interconnection	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
Zelensky	Mark	PPL	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](#).

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.

<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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Minutes

