

## Planning Committee

Webex / PJM Conference and Training Center

December 02, 2025

9:00 a.m. – 10:00 a.m. EPT

### Administration (9:00 - 9:05)

1. Megan Heater, PJM, called the meeting to order. Nicole Bugay, PJM, reviewed the Anti-trust, Code of Conduct, Media Participation Guidelines, and the Webex and In-person Meeting Participation Guidelines.
2. Nicole Bugay, PJM, reviewed and the committee **approved** the draft minutes from November 4, 2025 Planning Committee meeting with 0 objections.
3. Megan Heater, PJM, reviewed the PC Charter and the committee will be asked to approve at its next meeting.

### Endorsements (9:05-9:15)

#### 4. Manual 14B Periodic Review

Matthew Wharton, PJM, provided an update on Manual 14B: PJM Regional Transmission Planning Process revisions as part of its periodic review. The Planning Committee **endorsed** these changes by acclamation with 0 objections and 0 abstentions.

#### 5. Manual 19 Periodic Review

Molly Mooney, PJM, provided an update on Manual 19: Load Forecasting and Analysis revisions as part of its periodic review. The Planning Committee **endorsed** these changes by acclamation with 0 objections and 0 abstentions.

#### 6. Order 2222 Compliance – Manual 20A and 21B

Joshua Bruno, PJM, provided an update on Manual 20A: Resource Adequacy Analysis and Manual 21B: PJM Rules and Procedures for Determination of Generating Capability conforming revisions as part of its update for Order 2222 compliance. The Planning Committee **endorsed** these changes by acclamation with 0 objections and 0 abstentions.

### First Reads (9:15-9:30)

#### 7. TO/TOP Matrix Annual Review

Gizella Mali, PJM, reviewed revision 20 of the TO/TOP Matrix as part of its annual review. The committee will be asked to recommend the TOA-AC and approve the TO/TOP Matrix at its next meeting.

#### 8. TO/TOP Matrix Subcommittee (TTMS) Charter Annual Review

Gizella Mali, PJM, reviewed revision 4 of the TO/TOP Matrix Subcommittee (TTMS) Charter as part of its annual review. The committee will be asked to recommend the TOA-AC and approve the TTMS Charter at its next meeting.

## 9. Manual 21B Dual Fuel Revisions

Joshua Bruno, PJM, provided an update on Manual 21B: PJM Rules and Procedures for Determination of Generating Capability revisions. These revisions are part of the conforming changes for the amended “Gas Combined Cycle Dual Fuel Class” and “Gas Combustion Turbine Dual Fuel Class” RAA definitions. The committee will be asked to endorse these changes at its next meeting.

### **Informational Updates (9:30 – 10:00)**

## 10. Transmission and Substation Subcommittee (TSS) Update

Jeff Falciani, PJM, provided an update from the Transmission & Substation Subcommittee (TSS).

## 11. Roster Clean-Up and PJM Stakeholder Profile

Matt Connolly, PJM, reviewed a new stakeholder profile and requested actions.

## 12. 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
  - 2026 Series Load Flow
    - PJM to provide Trial 2 cases by December 5<sup>th</sup>.
    - TOs to provide Trial 2 feedback via MoD by January 14<sup>th</sup>.
  - 2026 Series Short Circuit
    - PJM to provide Trial 1 case by December 12<sup>th</sup>.
    - TOs to provide Trial 1 feedback by January 2<sup>nd</sup>.
- MMWG
  - 2025 Series Load Flow



# Minutes

- The MMWG power flow models were approved on November 3<sup>rd</sup>.
- 2025 Series Dynamics
  - PJM is preparing additional dynamics data to update MMWG SDDB database.
  - PJM is working on no-fault and disturbance tests for PJM's portion for MMWG dynamics cases.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location		
Tuesday, January 6, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, December 25, 2025	Tuesday, December 30, 2025
Tuesday, February 3, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, January 22, 2026	Tuesday, January 27, 2026
Tuesday, March 10, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, February 26, 2026	Tuesday, March 3, 2026
Tuesday, April 7, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, March 26, 2026	Tuesday, March 31, 2026
Tuesday, May 5, 2026	9:00 a.m. – 12:00 p.m.	Teleconference / Webex	Thursday, April 23, 2026	Tuesday, April 28, 2026
Tuesday, June 2, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, May 21, 2026	Tuesday, May 26, 2026
Tuesday, July 7, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, June 25, 2026	Tuesday, June 30, 2026
Tuesday, August 4, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, July 23, 2026	Tuesday, July 28, 2026
Tuesday, September 8, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, August 27, 2026	Tuesday, September 1, 2026
Tuesday, October 6, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, September 24, 2026	Tuesday, September 29, 2026
Tuesday, November 3, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, October 22, 2026	Tuesday, October 27, 2026
Tuesday, December 1, 2026	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center and Webex	Thursday, November 19, 2026	Tuesday, November 24, 2026

\*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.

## Attendance

### In-Person

Last Name	First Name	Company	Sector

Heater (Chair)	Megan	PJM Interconnection	None
Bugay (Secretary)	Nicole	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Beban	Madalyn	Energy Exemplar	None
Bradley	Deonisia	PJM Interconnection	None
Connolly	Matthew	PJM Interconnection	None
Davis	Elizabeth	PJM Interconnection	None
Dumitriu	Nicolae	PJM Interconnection	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ghosh	Josh	Constellation Energy Generation, LLC	Generation Owner
Gledhill	Andrew	PJM Interconnection	None
Heisle	Erik	Constellation Energy Generation, LLC	Generation Owner
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Mason	Gary	Public Service Electric and Gas Company	Transmission Owner
Mooney	Molly	PJM Interconnection	None
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Terranova	Christopher	PJM Interconnection	None
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Wharton	Matthew	PJM Interconnection	None
Falciani	Jeffrey	PJM Interconnection	None

## Webex

Last Name	First Name	Company	Sector
Ali	Shadab	NextEra Energy Transmission, LLC	Other Supplier
Anders	David	PJM Interconnection	None
Anderson	Jared	S&P Global Inc.	None
Aslam	Nabeel	Public Service Electric and Gas Company	Transmission Owner
Aurely	Marc	EN Engineering LLC	None
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Bangston	Kaley	NextEra Energy Marketing, LLC	Other Supplier
Barker	Jason	Vitol Inc.	Other Supplier
Belenky	Maria	PJM Interconnection	None
Benitez	Rick	BENGCLLC	None
Benson	Dan	Duke Energy Indiana, LLC	None
Berner	Aaron	PJM Interconnection	None
Bettinger	Brett	Duke Energy Ohio, Inc.	Transmission Owner
Bielak	Donnie	PJM Interconnection	None
Blanco	Fernando	Sun Energy 1	None
Boehnlein	Andrew	Non-Member	None

Bondi	Greg	Constellation Energy Generation, LLC	Generation Owner
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Breidenbaugh	Aaron	Enerwise Global Technologies, LLC	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruno	Joshua	PJM Interconnection	None
Bryson	Michael	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Carmean	Gregory	Organization of PJM States, Inc.	None
Chanitz	Ian	American Municipal Power, Inc.	Electric Distributor
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Cox	Jason	EQ Energy Advisors	None
Dadourian	John	Monitoring Analytics	None
Dalton	David	Non-Member	None
Dantonio	Phil	PJM Interconnection	None
Davis	David	Apex Clean Energy Holdings, LLC	None
Detweiler	Katie	Federal Energy Regulatory Commission	None
Dolan	Ryan	NextEra Energy Transmission, LLC	Other Supplier
Domian	Christin	Duquesne Light Company	Transmission Owner
Drachenberg	Kyle	American Transmission Systems, Inc.	Transmission Owner
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	Douglas	Commonwealth Edison Company	Transmission Owner
Ellis	Jordan	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Esterly	Theresa	PJM Interconnection	None
Fabiano	Janell	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Fitzgerald	John	Tennessee Valley Authority (The)	Other Supplier
Franks	Christine	PJM Interconnection	None
Garcia	Luis	Public Service Electric and Gas Company	Transmission Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gerena	Eric	GPU Energy	None
Ghattas	Monica	Exelon Business Services Company, LLC	Transmission Owner
Gordon	Jonathan	Advanced Energy United, Inc.	None
Greene	Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Hall	Heather	Exelon Business Services Company, LLC	Transmission Owner
Haney	Sawyer	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner



Hastings	David	Long Island Power Authority	Other Supplier
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Herbert	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hernandez Mendoza	Andres	NGV US TRANSMISSION INC.	None
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hooker	Marquette	Virginia Electric & Power Company	Transmission Owner
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hozempa	Lawrence	American Transmission Systems, Inc.	Transmission Owner
Hudis	Gabriella	Gabel Associates	None
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group, LLC	None
Iller	Arthur	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Ivanova	Christiana	GQS New Energy Strategies	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnson	Amanda	Duquesne Light Company	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Indiana Utility Regulatory Commission	None
Jonas	Dane	Virginia Electric & Power Company	Transmission Owner
Jones	Scott	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kelly	Michael	PJM Interconnection	None
Khireddine	Hicham	National Grid USA	None
Kou	Derek	Sol Systems	None
Lacek	Mollie	PJM Interconnection	None
Lafayette	Robin	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Laios	Takis	Appalachian Power Company	Transmission Owner
Lamaa	Andy	ENGIE Energy Marketing NA, Inc.	Other Supplier
Lamphere	Allen	Daymark Energy Advisors	None
Lee	Suin	PJM Interconnection	None
Leeming	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Leith-Yessian	Devin	RTO Insider	None

Liu	Jay	Twin Ridges LLC	Generation Owner
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
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Martinez	John	American Transmission Systems, Inc.	Transmission Owner
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner
Massarelli	Eva	Virginia Electric & Power Company	Transmission Owner
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McGill	Susan	PJM Interconnection	None
McGraw	John	Sun Energy 1	None
Miarka	Erich	Savion, LLC	None
Nekolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Newton	Jacob	Old Dominion Electric Cooperative	Electric Distributor
Niu	Hui	PJM Interconnection	None
Noonan	Casey	PJM Interconnection	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko	Brock	AEP Energy Partners, Inc.	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Panchal	Hitesh	PJM Interconnection	None
Petruso	Dominick	Public Service Electric and Gas Company	Transmission Owner
Pietrucha	Doug	Advanced Energy United	None
Quevada	Jason	PJM Interconnection	None
Radl	Justin	IR Energy Management LLC	Other Supplier
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reffner	Brent	PJM Interconnection	None
Reiter	Heather	PJM Interconnection	None
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Richards Jr	Cleveland	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Richter	Carl	American Transmission Systems, Inc.	Transmission Owner
Rocha-Garrido	Patricio	PJM Interconnection	None
Rode	Advait	Michigan Public Service Commission	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rohs	Fred	Marina Energy, LLC	Generation Owner
Rutledge	Craig	Appalachian Power Company	Transmission Owner
Saluja	Varun	NGV US TRANSMISSION INC.	None

Salwocki	Laura	PJM Interconnection	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Savage	David	Indiana Utility Regulatory Commission	None
Schadenfroh	John	PJM Interconnection	None
Scheirer	Alexandra	Jersey Green Energy, LLC	Other Supplier
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Scott	Hugh	Baltimore Gas and Electric Company	Transmission Owner
Searfoorce	Daniel	Pennsylvania Public Utility Commission	None
Shaikh	Fiza	New Project Media	None
Silwal	Sushil	NextEra Energy Transmission, LLC	Other Supplier
Simon	Emma	EDF Renewable Development, Inc.	None
Sinha	Ananya	Venable LLP	None
Smater	Sebastian	Strom Power, LLC	Other Supplier
Sokol	Kara	Duquesne Light Company	Transmission Owner
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szmodis	Christopher	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Taberner	Bart	AMP Transmission, LLC	Transmission Owner
Tangvald	Rainor	Duke Energy Ohio, Inc.	Transmission Owner
Teti	Zach	Pennsylvania Office of Consumer Advocate	End-Use Customer
Thompson	Jonathan	PJM Interconnection	None
Toth	Kaitlyn	PJM Interconnection	None
Trease	Rhett	Duke Energy Kentucky, Inc.	Transmission Owner
Tribulski	Jennifer	PJM Interconnection	None
Tubridy	Meg	Cornerstone Gas, L.L.C.	Generation Owner
VanderLaan	William	Illinois Commerce Commission	None
Wagner	Reid	Invenergy Energy Management LLC	Generation Owner
Waters	Taylor	Virginia Electric & Power Company	Transmission Owner
Wehnes	Kathleen	Non Member	None
Whitehead	Jeffrey	GT Power Group, LLC	None
Widom	Stuart	PJM Interconnection	None
Wu	Mia	PJM Interconnection	None
Xia	Tao	Exelon Business Services Company, LLC	Transmission Owner
Yoho	Trey	American Transmission Systems, Inc.	Transmission Owner
Yoo	Kyungjin	Non Member	None
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner



# Minutes

Zahidi	Mohamed	Public Service Electric and Gas Company	Transmission Owner
Zhou	Ming	DXT Commodities North America Inc.	Other Supplier

Author: Nicole Bugay

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