

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

- The MMWG power flow models were approved on November 3rd.
- 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 | 5:00 p.m. EPT deadline* | |
| 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 | BENGCC LLC | 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 |

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|--------------|-----------|--|----------------------|
| 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 |

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| 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 |
| Iler | 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 |
| Khiredine | 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 |

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| 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 |

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| 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 |

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| 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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1. Join meeting in the Webex desktop client
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