

Planning Committee
Webex/PJM Conference and Training Center
September 05, 2023
9:00 a.m. – 10:30 a.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 September 05, 2023 Planning Committee (PC) Agenda. Ms. Carroll noted that the review of Manual 14A was completed as identified in the 2023 PC Work Plan. This manual remains up-to-date and did not require any revisions.
3. Ashwini Bhat reviewed and **stakeholders approved the draft minutes from the August 08, 2023 Planning Committee by acclamation with 0 objections and 0 abstentions.**

Endorsements

There were no endorsements at this meeting.

First Reads

4. Manual 19 - Attachment B: Load Forecast Adjustment Guidelines Changes

Molly Mooney, PJM, provided an update on Manual 19 changes to align with Attachment B: Load Forecast Adjustment Guidelines as discussed at the Load Analysis Subcommittee. **The committee will be asked to approve the Issue Charge and endorse the proposed manual changes as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at its next meeting.**

5. Review of IRM (or RRS) Study Results

Patricio Rocha Garrido, PJM, reviewed the 2023 Reserve Requirement Study (RRS) results. **The committee will be asked to endorse the study results at its next meeting.**

Informational Updates

6. eGADS to SSO Account Migration

Ian Mundell, PJM, provided an overview of the upcoming migration of eGADS accounts to Single Sign On accounts in Account Manager.

7. Reliability Compliance Update

Mark Kuras, 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 provided Trial 0 on August 25th
 - TOs to provide feedback on Trial 0 by September 22nd
 - 2024 Series Short Circuit
 - PJM to provide Trial 0 by September 1st
 - TOs to provide feedback on Trial 0 by September 29th
 - 2023 Series Dynamics
 - PJM finalized the 2028 SUM and LL dynamics cases
- MMWG
 - 2023 Series Load Flow
 - TOs to provide feedback on Trial 3 cases by September 1st
 - PJM to submit Trial 3 corrections by September 8th
 - Powertech to post pre-final cases by September 15th
 - PJM to approve models by September 22nd
 - Powertech to post final cases by September 29th
 - 2023 Series Dynamics
 - PJM to submit dynamics data by September 1st

B. eDART to SSO Account Migration

- [Presentation](#) from August PC Meeting

| Future Meeting Dates and Materials | | | Materials Due to Secretary | Materials Published |
|------------------------------------|------------------------|--|---|-----------------------------|
| Date | Time | Meeting |  | |
| Tuesday, October 3, 2023 | 9:00 a.m. – 12:00 p.m. | PJM Conference & Training Centre and Webex | Thursday, September 21, 2023 | Tuesday, September 26, 2023 |
| Tuesday, October 31, 2023 | 9:00 a.m. – 12:00 p.m. | PJM Conference & Training Centre and Webex | Thursday, October 19, 2023 | Tuesday, October 24, 2023 |
| Tuesday, December 5, 2023 | 9:00 a.m. – 12:00 p.m. | PJM Conference & Training Centre and Webex | Wednesday, November 22, 2023 | Tuesday, November 28, 2023 |

Author: Ashwini Bhat

Attendance

| Last Name | First Name | Company | Sector |
|------------------|------------|------------------------|--------------------|
| Carroll (Chair) | Rebecca | PJM Interconnection | Not Applicable |
| Bhat (Secretary) | Ashwini | PJM Interconnection | Not Applicable |
| Abate | Steve | Duquesne Light Company | Transmission Owner |

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|----------------|-----------|---|--------------------|
| Abdulsalam | Sami | PJM Interconnection | Not Applicable |
| Adams | Darrin | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Adnan | Khan | NextEra | Not Applicable |
| Amoling | Leo | PJM Interconnection | Not Applicable |
| Anders | David | PJM Interconnection | Not Applicable |
| Anderson | Juliet | Constellation Energy Generation, LLC | Generation Owner |
| Anderson | Jared | S&P Global Commodity Insights | Not Applicable |
| Archambault | Miah | Enel Green Power Hilltopper Wind, LLC | Generation Owner |
| Aurely | Marc | EN Engineering LLC | Not Applicable |
| Azim | Riyasat | Enel Green Power Hilltopper Wind, LLC | Generation Owner |
| Bainbridge | Tom | American Transmission Systems, Inc. | Transmission Owner |
| Barker | Jason | Vitol Inc. | Generation Owner |
| Barnett | Paul | LS Power | Transmission Owner |
| Berner | Aaron | PJM Interconnection | Not Applicable |
| Bommareddy | Chandana | Innergex Renewable USA LLC | Generation Owner |
| Breidenbaugh | Aaron | Stones DR, LLC | Other Supplier |
| Brodbeck | John | EDP | Not Applicable |
| Camargo | Alejandro | RES America Developments, Inc. | Generation Owner |
| Campbell | Bruce | Enerwise Global Technologies, LLC | Other Supplier |
| Carmean | Greg | Organization of PJM States, Inc. | Not Applicable |
| Catenacci | Glenn | Public Service Electric and Gas Company | Transmission Owner |
| Caven | Augustine | PJM Interconnection | Not Applicable |
| Christopher | Mahila | Public Utilities Commission of Ohio | Not Applicable |
| Cobb | Patrick | PJM Interconnection | Not Applicable |
| Connell | Jason | PJM Interconnection | Not Applicable |
| Connolly | Matt | PJM Interconnection | Not Applicable |
| Cox | Jason | EQ Energy Advisors, LLC | Not Applicable |
| Crim | Jacob | NextEra | Not Applicable |
| Curtis | Kenneth | Enverus | Not Applicable |
| Dale | Doug | PECO Energy Company | Transmission Owner |
| Daugherty-Bell | Derrik | BW Solar | Not Applicable |
| Davis | David | Apex Clean Energy Holdings, LLC | Not Applicable |
| DeGiusto | Vince | UGI | Transmission Owner |
| Dissanayake | Sharini | Exelon Business Services Company, LLC | Transmission Owner |

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| Domian | Christin | Duquesne Light Company | Transmission Owner |
| Du | Yuan | Virginia Electric & Power Company | Transmission Owner |
| Dugan | Chuck | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Dumitriu | Nick | PJM Interconnection | Not Applicable |
| Fall | Maguette | EDF Renewable Development, Inc. | Not Applicable |
| Filomena | Guy | Customized Energy Solutions, Ltd. | Not Applicable |
| Fink | Sari | American Wind Energy Association | Not Applicable |
| Foladare | Ken | Geenex Solar LLC | Other Supplier |
| Ford | Adrien | Constellation Energy Generation, LLC | Generation Owner |
| Fultz | McClain | PPL Electric Utilities Corp. dba PPL Utilities (LSE) | Transmission Owner |
| Garland | Eric | RTR Energy Solutions | Not Applicable |
| Gledhill | Andrew | PJM Interconnection | Not Applicable |
| Graham | Keith L | Dominion Energy | Transmission Owner |
| Greening | Michele | PJM Interconnection | Not Applicable |
| Guignet | Doug | PJM Interconnection | Not Applicable |
| Guntle | Vince | American PowerNet Management, L.P. | End-Use Customer |
| Haas | Howard | Monitoring Analytics | Not Applicable |
| Hallett | Brian | ReliabilityFirst | Not Applicable |
| Handlin | Mike | PJM Interconnection | Not Applicable |
| Hanser | Erik | Michigan Public Service commission | Not Applicable |
| Herel | Suzanne | PJM Interconnection | Not Applicable |
| Herman | Michael | PJM Interconnection | Not Applicable |
| Hitt | Jason | Duquesne Light Company | Transmission Owner |
| Hoatson | Thomas | West Deptford Energy, LLC | Generation Owner |
| Hohenshilt | Jennifer | Talen Energy Marketing, LLC | Generation Owner |
| Horning | Lynn | American Municipal Power, Inc. | Electric Distributor |
| Hoshmand | Mojtaba | PJM Interconnection | Not Applicable |
| Hozempa | Lawrence | First Energy | Transmission Owner |
| 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 | PJM Committee Voting Generic Account | Not Applicable |
| Iler | Art | Indiana Office of Utility Consumer Counselor | Not Applicable |

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| Isaac | Carlos | Exelon Business Services Company, LLC | Transmission Owner |
| Jagana | Aminata | Dayton Power & Light Company (The) | Transmission Owner |
| Janapareddy | Anu | Green River Holdings, LLC | Generation Owner |
| Janicki | Diane | Boston Energy Trading and Marketing LLC | Other Supplier |
| Jardot | Gina | NRG Curtailment Solutions, Inc. | Other Supplier |
| Jauss | Fred | Husch Blackwell LLP | Not Applicable |
| Johnson | Mike | Customized Energy Solutions, Ltd. | Not Applicable |
| Johnson | Carl | Customized Energy Solutions, Ltd. | Not Applicable |
| Johnston | David | Other | Not Applicable |
| Jones | Scott | Other | Not Applicable |
| Karandrikas | Vicki | PJM Interconnection | Not Applicable |
| Kearney | Michael | Butterfly Public Benefit Corp | Not Applicable |
| Kelley | Liam | Recurrent Energy | Not Applicable |
| Kelly | Stephen | Brookfield Renewable Trading and Marketing LP (BSMH) | Other Supplier |
| Khalili | Ramtin | Virginia Electric & Power Company | Transmission Owner |
| Khoury | Lawrence | PPL Electric Utilities Corp. dba PPL Utilities (LSE) | Transmission Owner |
| Kirk | Steven | NextEra | Not Applicable |
| Kogut | George | NYP&A | Not Applicable |
| Krizenoskas | Lisa | PJM Interconnection | Not Applicable |
| Kuchan | Meagan | Dayton Power & Light Company (The) | Transmission Owner |
| Kuras | Mark | PJM Interconnection | Not Applicable |
| Laios | Takis | Appalachian Power Company (AEP Transmission) | Transmission Owner |
| LaVista | William | RWE Clean Energy, LLC | Generation Owner |
| leeming | Thomas | Exelon Business Services Company, LLC | Transmission Owner |
| Lehmann | Horst | PPL | Transmission Owner |
| Leith-Yessian | Devin | RTO Insider | Not Applicable |
| Lin | Nathan.A | Virginia Electric & Power Company | Transmission Owner |
| Lockwood | Dan | PJM Interconnection | Not Applicable |
| Lojek | Jacquelyn | American Transmission Systems, Inc. | Transmission Owner |
| Lyakhovich | Leonid | Public Service Electric and Gas Company | Transmission Owner |
| Lynch | Jessica | PJM Interconnection | Not Applicable |
| Mabry | David | McNees Wallace & Nurick LLC | Not Applicable |
| Mariam | Yohannes | Office of the People's Counsel for the District of Columbia | Not Applicable |

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| Mason | Julie M | Monongahela Power Company d/b/a Allegheny Power | Transmission Owner |
| Matheson | Eric | Other | Not Applicable |
| Maucher | Andrea | Delaware Division of the Public Advocate | Not Applicable |
| McClelland | Maura | Public Utilities Commission of Ohio | Not Applicable |
| McDewell | Christian | Pennsylvania Public Utility Commission | Not Applicable |
| McGill | Susan | PJM Interconnection | Not Applicable |
| McLavery | Megan | PJM Interconnection | Not Applicable |
| Mekala | Karthik | RWE Clean Energy, LLC | Generation Owner |
| Mertz | Chris | Candela Renewables | Not Applicable |
| Midgley | Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Moff | Justin | American Transmission Systems, Inc. | Transmission Owner |
| Mooney | Molly | PJM Interconnection | Not Applicable |
| Moony | Molly | PJM Interconnection | Not Applicable |
| Mundell | Ian | PJM Interconnection | Not Applicable |
| Nadel | Steven | PPL Electric Utilities Corp. dba PPL Utilities (TO) | Transmission Owner |
| Nagulapally | Venkat | Dynegy Power Marketing, LLC | Generation Owner |
| Nareshkumar | Koushy | Potomac Electric Power Company | Electric Distributor |
| Nekolny | Christopher | Exelon Business Services Company, LLC | Transmission Owner |
| Ngan | Lok | PJM Interconnection | Not Applicable |
| 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 |
| Parajuli | Amrit | Exelon Business Services Company, LLC | Transmission Owner |
| Perera | Asanga | PJM Interconnection | Not Applicable |
| Perry | Jonathan | Dominion Energy | Transmission Owner |
| Porter | John | PPL Electric Utilities Corp. dba PPL Utilities (LSE) | Transmission Owner |
| Poulos | Greg | PJM Committee Voting Generic Account | Not Applicable |
| Prokop | Brenda | Silver Run Electric, LLC | Transmission Owner |
| Quevada | Jason | PJM Interconnection | Not Applicable |
| Radhakrishna Pillai | Nuthish | Exelon Business Services Company, LLC | Transmission Owner |
| Rasmussen | Jay | Duke Energy Business Services LLC | Transmission Owner |
| Rettig | Kacie | Rockland Electric Company | Transmission Owner |

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| Richards | Wade | Apex Clean Energy Holdings, LLC | Transmission Owner |
| Richards Jr | Cleveland | PPL Electric Utilities Corp. dba PPL Utilities (TO) | Transmission Owner |
| Rocha - Garrido | Patricio | PJM Interconnection | Not Applicable |
| Rocha-Garrido | Patricio | PJM Interconnection | Not Applicable |
| Rode | Advait | Michigan Public Service commission | Not Applicable |
| Rohrbach | John | ACES | Not Applicable |
| Rumsey | Amanda | PPL Electric Utilities Corp. dba PPL Utilities (TO) | Transmission Owner |
| Rutledge | Craig | Appalachian Power Company (APCO Dedicated) | Transmission Owner |
| S Potter | Harrison | Dominion Energy | Transmission Owner |
| Salem | Jay | First Energy | Transmission Owner |
| Sasser | Jonathan | Customized Energy Solutions, Ltd. | Not Applicable |
| Schmitt | Catherine | Public Service Electric and Gas Company | Transmission Owner |
| Schreim | Morris | Maryland Public service Commission | Not Applicable |
| Schuyler | Ken | PJM Interconnection | Not Applicable |
| Scott | Hugh | Baltimore Gas and Electric Company (TO) | Transmission Owner |
| Scott | Hugh | Baltimore Gas and Electric Company (TO) | Transmission Owner |
| Segner | Sharon | Silver Run Electric, LLC | Transmission Owner |
| Selick | Sam | Customized Energy Solutions, Ltd. | Not Applicable |
| Senanayake | Sam | Pine Gate Mid-Atlantic, LLC | Generation Owner |
| Shah | Pulin | PECO Energy Company | Transmission Owner |
| Shegarfi | Roosbeh | Constellation Energy Generation, LLC (NEV_XLON) | Generation Owner |
| Sheilds | Jeffrey | PJM Interconnection | Not Applicable |
| Singh | Harliv | Invenergy, LLC | Generation Owner |
| Skumanich | Bill | RTR Energy Solutions | Not Applicable |
| Sloan | Ben | Organization of PJM States, Inc. | Not Applicable |
| Sotkiewicz | Paul | E-Cubed Policy Associates | Not Applicable |
| Souder | Michelle | PJM Interconnection | Not Applicable |
| Souder | David | PJM Interconnection | Not Applicable |
| Spatafore | Julia | PJM Interconnection | Not Applicable |
| Sprinkle | Dan | Louisville Gas and Electric Company/Kentucky Utilities Company | Transmission Owner |
| Stadelmeyer | Rebecca | Jersey Green Energy LLC | Other Supplier |
| Steinkuhl | Steve | Duke Energy Business Services LLC | Transmission Owner |
| Stern | Alex | Exelon Business Services Company, LLC | Transmission Owner |

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| Stinner | Doug | RWE Clean Energy, LLC | Generation Owner |
| Stuchell | Jeff | First Energy | Transmission Owner |
| Sturgeon | John | Duke Energy Business Services LLC | Transmission Owner |
| Sun | Haiibn | Exelon Business Services Company, LLC | Transmission Owner |
| Sunderman | Derek | Savion, LLC | Not Applicable |
| Svenson | Heather | Public Service Electric and Gas Company | Transmission Owner |
| Swalwell | Brad | Tangent Energy Solutions, Inc. | Other Supplier |
| Sweeney | Rory | Northern Virginia Electric Cooperative (NOVEC) | Electric Distributor |
| Tekle | Zelalem | Bath County Energy, LLC | Generation Owner |
| Terranova | Chris | PJM Interconnection | Not Applicable |
| Thomas | Amber | Exelon | Transmission Owner |
| 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 | Not Applicable |
| Vermiere | David | Pepco | Transmission Owner |
| Walker | Preston | PPL Electric Utilities Corp. dba PPL Utilities (TO) | Transmission Owner |
| Wallace | Colleen | Virginia Electric & Power Company | Transmission Owner |
| Weaver | David | Exelon | Transmission Owner |
| Webb | Becky | Exelon Business Services Company, LLC | Transmission Owner |
| Wehnes | Kathleen | Other | Not Applicable |
| Whitehead | Jeff | GT Power Group | Not Applicable |
| Whitehead | Jeff | GT Power Group | Not Applicable |
| Widom | Stu | PJM Interconnection | Not Applicable |
| Wilches | Rafael | PSEG Energy Resources and Trade LLC | Other Supplier |
| Wilson | James | Wilson Energy Economics | Not Applicable |
| Wylie-Chambers | Ericka | Exelon Business Services Company, LLC | Transmission Owner |
| Wynder | Michael | Altrock LLC | Other Supplier |
| Yasutake | Sarah | Gabel Associates | Not Applicable |
| Yovanovich | Laura | PPL Electric Utilities Corp. dba PPL Utilities (TO) | Transmission Owner |

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 PJM 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.

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.

On the Phone, Dial



to Mute/Unmute

Linking Teleconference Connection to Webex

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.

Join a Meeting

1. Join meeting in the Webex desktop client
2. Enter name (*First and Last**) and corporate email
3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

**Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*