

Transmission Expansion Advisory Committee

WebEx/Conference & Training Center

February 06, 2024

12:30 p.m. – 3:00 p.m. EPT

Administration (12:30-12:35)

1. Welcome, announcements and review of the Anti-trust, Code of Conduct, and Media Participation Guidelines. Review Transmission Expansion Advisory Committee Agenda for this meeting.

RTEP Updates (12:35-3:00)

1. **Interregional Planning Update**

Jeffrey Goldberg, PJM, provided an update on Interregional Planning.

2. **Generation Deactivation Notification Update**

Perry NG, PJM provided an update on Generation Deactivation.

3. **Market Efficiency Update**

Nicolae Dumitriu, PJM provided an update on Market Efficiency.

4. **NJ OSW Update**

Susan McGill, PJM, will provide an update on New Jersey Off Shore Wind.

5. **ComEd Supplemental Projects**

Exelon Planning provided an update on supplemental projects.

6. **PECO Supplemental Projects**

Exelon Planning provided an update on supplemental projects

7. **PSEG Supplemental Projects**

PSEG Planning provided an update on supplemental projects

8. **Dominion Supplemental Projects**

Dominion Planning provided an update on supplemental projects

9. **PPL Supplemental Projects**

PPL Planning provided an update on supplemental projects

10. **JCPL Supplemental Projects**

FirstEnergy Planning provided an update on supplemental projects.

11. **Penelec Supplemental Projects**

FirstEnergy Planning provided an update on supplemental projects.

12. **APS Supplemental Projects**

FirstEnergy Planning provided an update on supplemental projects

13. Reliability Analysis Update

Sami Abdulsalam, PJM, provided an update on Reliability Analysis.

14. 2024 RTEP Assumptions Update

PJM Transmissions Planning provided an update on the 2024 RTEP Assumptions.

Informational Posting

1. Informational Only – M-3 Process Needs Status

This spreadsheet allows stakeholders to track process defined in Open Access Transmission Tariff, Attachment M-3 and leading to the development of the supplemental projects.

2. Informational Only – Aggregate Maps for Supplemental Projects

Aggregate geographic representation of supplemental projects not previously included in Local Plan.

3. Informational Only – Planning Community Open Questions

Open questions regarding M-3 projects received through Planning Community.

| Future Meeting Dates and Materials | | | Materials Due to Secretary | Materials Published |
|------------------------------------|---------------------|---|-------------------------------|-------------------------------|
| Date | Time | Location | 5:00 p.m. EPT deadline* | |
| April 2 nd , 2024 | 1:00PM – 3:00PM EPT | <i>In Person / WebEx Teleconference</i> | March 15 th , 2024 | March 28 th , 2024 |
| April 30 th , 2024 | 1:00PM – 3:00PM EPT | <i>WebEx Teleconference</i> | April 12 th , 2024 | April 25 th , 2024 |
| June 4 th , 2024 | 1:00PM – 3:00PM EPT | <i>In Person / WebEx Teleconference</i> | May 17 th , 2024 | May 30 th , 2024 |

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

Attendance List

| Last Name | First Name | Company | Sector |
|-------------|------------|--|--------------------|
| Robson | Matt | SESCO Enterprises LLC | Other Supplier |
| Anderson | Heather | NOVEC | None |
| Davis | David | Strata Solar | None |
| Bhana | Rajesh | Exelon Business Services Company, LLC | Transmission Owner |
| Scheirer | Alexandra | PJM Interconnection, LLC | None |
| Raval | Chintan | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Herel | Suzanne | PJM Interconnection, LLC | None |
| Arkatin | Tyler | PJM Interconnection, LLC | None |
| Heitmeyer | Chad | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Hanser | Erik | Michigan Public Service Commission | None |
| Krizenoskas | Lisa | PJM Interconnection, LLC | None |

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|-------------|----------------|--|----------------------|
| Holdbrook | Ruth | Northern Virginia Electric Cooperative | Electric Distributor |
| Gostkowski | Elizabeth | Public Service Electric & Gas Company | Transmission Owner |
| Schwass | Jocee | PUCO Ohio | None |
| Arsalan | Qamar | Public Service Electric & Gas Company | Transmission Owner |
| Barker | Jason | Constellation Energy Generation, LLC | Generation Owner |
| Gopalan | Pravi | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Dhanasekar | Praveen | Dominion Virginia Power | Transmission Owner |
| Berner | Aaron | PJM Interconnection, LLC | None |
| Mason | Julie | Duke Energy Ohio, Inc. | Transmission Owner |
| Kuchan | Meagan | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| You | Cindy | PJM Interconnection, LLC | None |
| Sun | Haibin | Constellation Energy Services, Inc. | Other Supplier |
| Chang | Sean | Shell Energy North America (US), L.P. | Other Supplier |
| Rettig | Kacie | Exelon Business Services Company, LLC | Transmission Owner |
| Garcia | Paula | Union of Concerned Scientists | None |
| Swanson | Erika | Enel X North America, Inc. | Other Supplier |
| Helm | Gary | PJM Interconnection, LLC | None |
| Zahidi | Mohamed | PSEG Energy Resources & Trade LLC | Other Supplier |
| Calore | James | Public Service Electric & Gas Company | Transmission Owner |
| Aurely | Marc | FirstEnergy Corporation | Transmission Owner |
| Carmean | Gregory (Greg) | Organization of PJM States, Inc. (OPSI) | None |
| Kleppinger | David | McNees Wallace & Nurick LLC | None |
| Brandt | Andreas | Commonwealth Edison Company | Transmission Owner |
| Mariam | Yohannes | Office of the Peoples Counsel for the District of Columbia | End-Use Customer |
| Mills | Paul | Commonwealth Edison Company | Transmission Owner |
| Caristia | James | Public Service Electric & Gas Company | Transmission Owner |
| McDewell | Christian | Commonwealth of PA | None |
| Spatafore | Julia | PJM Interconnection, LLC | None |
| Anderson | Juliet | Constellation Energy Generation, LLC | Generation Owner |
| Ericson | Christine | Illinois Commerce Commission | None |
| Rigler | Alicia | EDP Renewables North America, LLC | None |
| Neubrandner | Kerry | DC Energy Mid-Atlantic, LLC | Other Supplier |
| Parrot | Sarah | Public Utilities Commission of Ohio | None |
| Apostol | David | Commonwealth Edison Company | Transmission Owner |
| Sternhagen | Chris | EDP Renewables North America, LLC | None |
| Gledhill | Andrew | PJM Interconnection, LLC | None |
| Johnston | David | Indiana Utility Regulatory Commission | None |
| Van Schaik | Michael | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Stadelmeyer | Rebecca | Gable and Associates | None |
| McCabe | Ann | Illinois Commerce Commission | None |

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|-----------------|---------------|--|----------------------|
| Ciabattoni | Joseph | PJM Interconnection, LLC | None |
| Wallace | Colleen | Dominion Virginia Power | None |
| Ali | Shadab | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Koehler | Nicolas | AEP Indiana-Michigan Transmission Company, Inc. | Transmission Owner |
| Handlin | Michael | PJM Interconnection, LLC | None |
| Curtis | Kenneth | Drilling Info, Inc. | None |
| Maucher | Andrea | Division of the Public Advocate of the State of Delaware | End-Use Customer |
| Ghayas | Awais | PJM Interconnection, LLC | None |
| Niu | Hui (Grace) | PJM Interconnection, LLC | None |
| Jones | Scott | Indiana Office of Utility Consumer Counsel | End-Use Customer |
| Staevska | Asya | Commonwealth of PA | None |
| Callen | Zachary (Zac) | Illinois Commerce Commission | None |
| McCormick | Katharine | Illinois Commerce Commission | None |
| Sweet | Brian | PJM Interconnection, LLC | None |
| Christopher | Mahila | Public Utilities Commission of Ohio (The) | None |
| VanderLaan | Bill | Illinois Commerce Commission | None |
| Szot | Lisa | Szot Energy Services, LLC | None |
| McNeil | Justin | Office of the Attorney General, Kentucky | End-Use Customer |
| Chakraborty | Rahul | Dominion Virginia Power | Transmission Owner |
| Haque | Asim | PJM Interconnection, LLC | None |
| Singh | Harliv | Northern States Power Company | Other Supplier |
| Dadourian | John | Monitoring Analytics, LLC | None |
| McClure | Emily | Illinois Commerce Commission | None |
| Yasutake | Sarah | Gabel and Associates | None |
| Rosenthal | Peter | Energy Aspects | Other Supplier |
| Poulos | Greg | CAPS | None |
| Hallett | Brian | FirstEnergy Corporation | Transmission Owner |
| Burkholder | Joshua | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Seun | Akeyo | Pattern Energy | Other Supplier |
| Graham | Katherine | APX | None |
| Papaconstandino | Antonio | PJM Interconnection, LLC | None |
| Burkett | Will | AEP Energy Partners, Inc. | Transmission Owner |
| Grau | Patrick | Apogee Energy Trading LLC | Other Supplier |
| Ford | Adrien | Old Dominion Electric Cooperative | Electric Distributor |
| Raghavan | Vijay | BioUrga Trading LLC | Other Supplier |
| Roach | Temujin | MISO (Midcontinent Independent System Operator) | None |
| Selick | Sam | Customized Energy Solutions, Ltd.* | None |
| Zelensky | Mark | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Adams | Darrin | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Bolthouse | Julie | PECVA | None |

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|-------------|------------------|--|----------------------|
| Lousos | Alexandros | AMP Transmission, LLC | Transmission Owner |
| Lyakhovich | Leonid | Public Service Electric & Gas Company | Transmission Owner |
| Hehir | Flannan | Appian Way Energy Partners MidAtlantic, LLC | Other Supplier |
| Foladare | Kenneth (Ken) | Geenex Solar LLC | Other Supplier |
| Lehmann | Horst | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Burgner | Chaz | FirstEnergy Corporation | Transmission Owner |
| Bruce | Grey | Samsung C&T America, Inc | None |
| Stern | Alexander (Alex) | Public Service Electric & Gas Company | Transmission Owner |
| Lynch | Jessica | PJM Interconnection, LLC | None |
| Fletcher | Blake | ETC Endure Energy L.L.C. | Other Supplier |
| Chen | Hong | PJM Interconnection, LLC | None |
| Jardot | Gina | Essential Power Rock Springs, LLC | Generation Owner |
| Perera | Asanga | PJM Interconnection, LLC | None |
| Horger | Tim | PJM Interconnection, LLC | None |
| Razze | Scott | Potomac Electric Power Company | Electric Distributor |
| Schavrien | Nick | LS Power Development, LLC | None |
| Douglass | Robert | Constellation Energy Generation, LLC | Generation Owner |
| Kelly | Stephen | Brookfield Energy Marketing LP | Other Supplier |
| Greening | Michele | PJM Interconnection, LLC | None |
| Ng | Perry | PJM Interconnection, LLC | None |
| Sparhawk | Peter | Other | None |
| Bobbio | Emmanuele | PJM Interconnection, LLC | None |
| Mabry | David | McNees Wallace & Nurick LLC | None |
| Cosman | Raul | Exelon Business Services Company, LLC | Transmission Owner |
| Fink | Sari | American Clean Power Association | None |
| Lojek | Jacquelyn | FirstEnergy Corporation | Transmission Owner |
| Dugan | Chuck | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Schweiger | Steven | Burns & McDonnell | None |
| Foley | Pauline | PJM Interconnection, LLC | None |
| Burdis | Tim | PJM Interconnection, LLC | None |
| Martes | Eliasjavier | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Hitt | Jason | Duquesne Light Company | Transmission Owner |
| Isaac | Carlos | Exelon Business Services Company, LLC | Transmission Owner |
| Heinle | Frederick (Erik) | Office of the Peoples Counsel for the District of Columbia | End-Use Customer |
| Reid | John | PJM Interconnection, LLC | None |
| Segner | Sharon | LS Power Development, LLC | None |
| Lawson | Ryen | Dominion Virginia Power | None |
| Wharton | Matthew | PJM Interconnection, LLC | None |
| Hurd | Shawn | Dayton Power & Light Company (The) | Transmission Owner |
| Hepplewhite | Peter | Wrigley Capital LLC | Other Supplier |

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| Abate | Stephen (Steve) | Duquesne Light Company | Transmission Owner |
| Brahman | Azade | Orsted US Trading LLC | None |
| Nazemi | Danial | PJM Interconnection, LLC | None |
| Bennett | Stephen | PJM Interconnection, LLC | None |
| Adnan | Khan | Burns & McDonnell | None |
| Nekolny | Christopher | Constellation Energy Generation, LLC | Generation Owner |
| McNicholas | Daniel | Cogentrix Virginia Financing Holding Company, LLC | Other Supplier |
| Mauroschatd | Erich | PJM Interconnection, LLC | None |
| Cocco | Michael | Old Dominion Electric Cooperative | Electric Distributor |
| Richards Jr | Cleveland | Price Waterhouse Cooper | None |
| Nareshkumar | Koushy | Potomac Electric Power Company | Electric Distributor |
| Shegarfi | Roosbeh | Exelon Business Services Company, LLC | Transmission Owner |
| Schmitt | Tom | FirstEnergy Corporation | Transmission Owner |
| Laios | Takis | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Janicki | Diane | Boston Energy Trading & Marketing, LLC | Other Supplier |
| Guntle | Vince | American PowerNet Management | End-Use Customer |
| Stubbs | Devin | NextEra | None |
| Haas | Howard | Monitoring Analytics, LLC | None |
| Webb | Becky | Commonwealth Edison Company | Transmission Owner |
| Reilly | Alex | Dominion Virginia Power | Transmission Owner |
| Hutt | Daniel | Public Service Electric & Gas Company | Transmission Owner |
| Pond | Rupert | Public Service Electric & Gas Company | Transmission Owner |
| Terry | Jonathan | Allegheny Electric Cooperative, Inc. | Electric Distributor |
| Muglie | Michael | Kupper Engineering, Inc. | None |
| Lacek | Mollie | PJM Interconnection, LLC | None |
| Frede | Shannon | Maryland Public Service Commission | none |
| Kascsak | John | Dominion Virginia Power | None |
| Gordon | Jon | Shiple Choice, LLC | Other Supplier |
| Horstmann | John | Dayton Power & Light Company (The) | Transmission Owner |
| Petruso | Dominick | PSEG Energy Resources & Trade LLC | Transmission Owner |
| Mekala | Karthik | RWE Renewables Americas, LLC | Generation Owner |
| Suh | Jung | Calpine Energy Services, L.P. | Generation Owner |
| Kelley | Fred | Maryland Public Service Commission | None |
| Zhou | Ming | PSEG Energy Resources & Trade LLC | Other Supplier |
| Elmore | Don | Exelon Business Services Company, LLC | Transmission Owner |
| Sims | Mark | PJM Interconnection, LLC | None |
| Kou | Derek | EDP Renewables North America, LLC | Generation Owner |
| Hohenshilt | Jennifer | Talen Energy Marketing, LLC | Generation Owner |
| Bernstein | Matthew | PJM Interconnection, LLC | None |
| Yovanovich | Laura | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |

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| Wehnes | Kathleen | Maryland Public Service Commission | None |
| Bazar | Kevin | PJM Interconnection, LLC | None |
| Senanayake | SAM | PGR Renewables | None |
| Moore | Jasmine | AEP Ohio Transmission Company, Inc. | Transmission Owner |
| Bensala | Tarik | PJM Interconnection, LLC | None |
| Najafabadi | Amin | DNV | None |
| Bell | Maria | AEP Ohio Transmission Company, Inc. | Transmission Owner |
| Ondayko | Brock | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Azim | Riyasat | Enel X North America, Inc. | Other Supplier |
| Smyda | Ashley | FirstEnergy Corporation | Transmission Owner |
| Zhou | Zhangxin | Virginia Energy & Power Company | Transmission Owner |
| Kelley | Michael | PJM Interconnection, LLC | None |
| Mahoor | Mohsen | Dominion Virginia Power | Transmission Owner |
| Dumitriu | Nicolae | PJM Interconnection, LLC | None |
| Mwangi | Gertrude | PJM Interconnection, LLC | None |
| Noel Jeune | Reynaldo | Acciona Energy North America Corporation | Generation Owner |
| Midgley | Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Kalwa | Jason | Public Service Electric & Gas Company | Transmission Owner |
| Fletcher | Blake | ETC Endure Energy L.L.C. | Other Supplier |
| Kumar | Mahesh | Exelon Business Services Company, LLC | Transmission Owner |
| Scott | Hugh | Baltimore Gas and Electric Company | Transmission Owner |
| Raval | Chintan | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Davis | James (Jim) | Dominion Energy Generation Marketing, Inc. | Generation Owner |
| Hyzinski | Tom | GT Power Group | None |
| Leeming | Thomas | Commonwealth Edison Company | Transmission Owner |
| de La Mora | Luis | Strom Power, LLC | Other Supplier |
| Aslam | Nabeel | PSEG Energy Resources & Trade LLC | Transmission Owner |
| Malcolm | Jack | Exelon Business Services Company, LLC | Transmission Owner |
| Hsia | Eric | PJM Interconnection, LLC | None |
| Domian | Christin | Duquesne Light Company | Transmission Owner |
| Sims | Ryan | Interstate Gas Supply, Inc. | Other Supplier |
| Hoatson | Thomas (Tom) | Riverside Generating, LLC | Generation Owner |
| Emberger | Elizabeth | PSEG Energy Resources & Trade LLC | None |
| Fidler | Benjamin | Exelon Business Services Company, LLC | Transmission Owner |
| Khalili | Ramtin | Dominion Virginia Power | Transmission Owner |
| Skiba | Kyle | FirstEnergy Corporation | Transmission Owner |
| Sloan | Ben | Organization of PJM States, Inc. (OPSI) | None |
| Sasser | Jonathan | Customized Energy Solutions, Ltd.* | None |
| Gill | Mark | Dominion Energy Generation Marketing, Inc. | Generation Owner |
| Hastings | David | Market Interconnection Consulting Services (MICS) | None |

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| Steinkuhl | Steve | Duke Energy Business Services LLC | Transmission Owner |
| Zhang | Li (Frank) | Dominion Virginia Power | None |
| Thomas | Angela | Northern Virginia Electric Cooperative | Electric Distributor |
| Milman | Danielle | Viridon | None |
| Potter | Harrison | Virginia Electric & Power Company | Transmission Owner |
| Tekle | Zelalem | Baltimore Gas and Electric Company | Transmission Owner |
| Lescano | Amanda | New Jersey Board of Public Utilities | None |
| Bainbridge | Tom | American Transmission Systems, Inc. | Transmission Owner |
| Kopzhanov | Talgat | MRPGENCO | Electric Distributor |
| Yeh | Eric | Baltimore Gas and Electric Company | Transmission Owner |
| Mao | Yiming | PJM Interconnection, LLC | None |
| Cox | Jason | Dynegy Power Marketing, Inc. | Generation Owner |
| Widom | Stuart (Stu) | PJM Interconnection, LLC | None |
| Benson | Dan | Duke Energy Business Services LLC | Transmission Owner |
| Hill | Nick | FirstEnergy Corporation | None |
| Van Order | Jordan | PA Energy | None |
| Williams | Eric | AEP Ohio Transmission Company, Inc. | Other Supplier |
| Du | Yan | Central Transmission, LLC | Other Supplier |
| Mroz | David | PJM Interconnection, LLC | None |
| Wilson | James | Wilson Energy Economics | None |
| Lynn | Brian | PJM Interconnection, LLC | None |
| Kent | Janessa | Duquesne Light Company | Transmission Owner |
| Kim | Caleb | Baltimore Gas and Electric Company | Transmission Owner |
| Wylie-Chambers | Ericka | Exelon Business Services Company, LLC | Transmission Owner |
| Leith Yessian | Devin | RTO Insider | None |
| Iler | Arthur (Art) | Indiana Office of Utility Consumer Counsel | End-Use Customer |
| Davis | Jay | Atlantic City Electric Company | Electric Distributor |
| Filomena | Guy | Customized Energy Solutions, Ltd.* | None |
| Whitehead | Jeffrey (Jeff) | GT Power Group | None |
| Westendorf | Alex | Commonwealth Edison Company | Transmission Owner |
| Johnson | Carl | Customized Energy Solutions, Ltd.* | None |
| Worcester | Alex | Transmission Analytics | None |
| VanBlargan | Bryna | Resource Investments | None |
| Binder | Gerry | SESCO Enterprises LLC | Other Supplier |
| Farmer | Larry | TFB Planning Solutions | None |
| Goldberg | Jeffrey | PJM Interconnection, LLC | None |
| Xu | Xu | PJM Interconnection, LLC | None |