

## TEAC Special Session – Order 1920

Webex/Teleconference

September 06, 2024

9:00 a.m. – 2:30 p.m. EPT

### Administration

1. Michele Greening and Samantha Rozecki welcomed stakeholders and reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation and the WebEx Participant Identification Requirements.
2. Members approved draft minutes from the September 6, 2024 Special TEAC meeting.

### Stakeholder Presentations

3. Dr. Christoph Graf, New York University - Institute for Policy Integrity, provided a presentation on the topics of the Use of multiple scenarios for need identification, evaluation and selection, benefits metrics, and transmission planning modeling basics.
4. Robin Lafayette, PPL Electric Utilities, provided a presentation on the topics of scenario development, benefits metrics, and coordination between FERC Orders 1000 and 1920.
5. Justin Vickers, Sierra Club, provided a presentation on the overview of a fair and holistic 1920 planning process.
6. Edward Smeloff, GridLab, provided a presentation on the topic of scenario development.
7. Nick Lawton, Earth Justice, provided a presentation on the topic of scenario development.
8. Claire Lang-Ree, NRDC, provided a presentation on the topic of the use of multiple scenarios for need identification, evaluation and selection.
9. Tom Rutigliano, NRDC, provided a presentation on the topics of project selection criteria and benefits metrics.
10. David Rupert, BOLD Transmission, LLC, provided a presentation on the topic of alternative transmission technologies.
11. Claire Wayner, RMI, provided a presentation on the topic of alternative transmission technologies.

12. Sari Fink, MAREC, and Jon Gordon, Advanced Energy United, provided a presentation that includes topics on generator interconnection and state policy assumptions.

13. Dave Anders discussed the next steps for the Special TEAC meetings.

## Future Agenda Items

Stakeholder Presentations  
PJM Scenario Discussions

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
09/16/2024	9:00 a.m.	Webex / Teleconference	09/10/2024	09/11/2024
09/24/2024	9:00 a.m.	PJM Conference and Training Center / Webex	09/16/2024	09/19/2024
10/01/2024	9:00 a.m.	Webex / Teleconference	09/23/2024	09/26/2024
10/28/2024	9:00 a.m.	Webex / Teleconference	10/18/2024	10/23/2024

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

## Meeting Attendance

### Remote Attendees

Last Name	First Name	Company	Sector
Anders	David	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Rozecki	Samantha	PJM Interconnection	None
Abdulsalam	Sami	PJM Interconnection	None
Abdurrahman	Muhsin	Dynegy Marketing and Trade, LLC	Generation Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Adnan	Khan	NextEra Energy Transmission, LLC	Other Supplier
Aguilar	Fabiano	Strom Power, LLC	Other Supplier
Ali	Shadab	NextEra Energy Transmission, LLC	Other Supplier
Amar	Juan	PJM Interconnection	None
Amoling	Leo	PJM Interconnection	None
Anderson	Jared	S&P Global Inc.	None
Arsalan	Qamar	Public Service Electric and Gas Company	Transmission Owner
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Barker	Jason	Vitol Inc.	Generation Owner
Bell	Maria	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Benson	Dan	Duke Energy Indiana, LLC	None

Bernabeu	Emanuel	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bobbio	Emmanuele	PJM Interconnection	None
Boehnlein	Andrew	Virginia State Corporation Commission	None
Bothwell	Cynthia	DOE Wind Energy Technologies Office	None
Bowker	Shannon	PJM Interconnection	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bustillos	Jesus	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Callaghan	Christopher	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Carmean	Gregory	Organization of PJM States, Inc.	None
Castillo	Anya	NextEra Energy Transmission, LLC	Other Supplier
Catenacci	Glenn	Public Service Electric and Gas Company	Transmission Owner
Caven	Augustine	PJM Interconnection	None
Chatrati	Jyotsna	NV Energy	None
Chen	Yang	PJM Interconnection	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Ciabattini	Joseph	PJM Interconnection	None
Clingan	Kristin	Public Utilities Commission of Ohio (The)	None
Cox	Jason	EQ Energy Advisors, LLC	None
Curtis	Kenneth	Enversus, Inc.	None
Dadourian	John	Monitoring Analytics	None
Dalton	David	Virginia State Corporation Commission	None
Danis	Jennifer	Institute for Policy Integrity	None
Davis	David	Apex Clean Energy Holdings, LLC	None
DeAngelis	Cameron	Public Service Electric and Gas Company	Transmission Owner
DeGiusto	Vincent	UGI Utilities, Inc.	Transmission Owner
Denby	Brett	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Diaz	Juan	Public Service Electric and Gas Company	Transmission Owner
DiGiulio	Genevieve	NJBPU	None
DiMartino	Denise	PJM Interconnection	None
Dion	Kevin	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Dolan	Ryan	NextEra Energy Transmission, LLC	Other Supplier
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	Andrei	PSE&G	None
Dumitriu	Nicolae	PJM Interconnection	None

Eakins	Douglas	Commonwealth Edison Company	Transmission Owner
Eedupuganti	Subbarao	PJM Interconnection	None
Ericson	Christine	Illinois Commerce Commission	None
Everngam	Scott	Blue Horseshoe Energy LLC	None
Fabiano	Janell	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Faisal	Akim	PJM Interconnection	None
Fiedler	Benjamin	PJM Interconnection	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Fitzpatrick	Sarah	North Carolina Utilities Commission	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Ford	Nicholas	Hexagon Energy, LLC	None
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks	Edmund	PJM Interconnection	None
Frede	Shannon	Maryland Energy Administration	None
Geldof	Jonathan	Advanced Energy Economy	None
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Glatz	Suzanne	Non Member	None
Glazer	Grant	MN8 Energy Operating Company LLC	None
Gledhill	Andrew	PJM Interconnection	None
Gordon	Jonathan	Advanced Energy Economy	None
Graf	Christoph	NYU	None
Graham	Katherine	PJM Interconnection	None
Greene	Zachary	World Resources Institute	None
Grey	Bruce	Samsung C&T America	None
Guidi	Nicholas	Southern Environmental Law Center	None
Gunn	Garan	Public Service Electric and Gas Company	Transmission Owner
Hakimi	Fazlullah	PJM Interconnection	None
Hallett	Brian	ReliabilityFirst	None
Handlin	Michael	PJM Interconnection	None
Hanser	Erik	Michigan Public Service Commission	None
Harris	Julie	Non Member	None
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hearne	Carrie	Virginia Commission on Electric Utility Regulation	None
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Helm	Gary	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hickman	Adam	Appalachian Power Company (AEP Generation)	Transmission Owner

Hill	Brandon	Rolling Doors LLC	None
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hoshmand	Mojtaba	PJM Interconnection	None
Hunter	Benjamin	Delaware Department of Natural Resources and Environmental Control	None
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group, LLC	None
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Jacobs	Mike	Union of Concerned Scientists	None
Janapareddy	Anupama	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jaramillo	Gilbert	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	James	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Jones	Scott	Indiana Office of Utility Consumer Counselor	End-Use Customer
Kadous	Mohamed	Stack	None
Kelley	Frederick	Power Plant Research Program (MD)	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Keskar	Aditya	North Carolina Utilities Commission	None
Khan	Aftab	PJM Interconnection	None
Khoury	Lawrence	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Koehler	Nicolas	Appalachian Power Company (AEP Transmission)	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Lafayette	Robin	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lang-Ree	Claire	NRDC	None
Lawton	Nick	Earthjustice	None
Leith-Yessian	Devin	RTOInsider	None
Lescano	Amanda	New Jersey Board of Public Utilities	None
Lifson	Matthew	Institute for Policy Integrity	None
Lousos	Alexandros	AMP Transmission, LLC	Transmission Owner
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	None

MacDonald	Sophie	Maryland Public Service Commission	None
Mangonon	Roletto	Rockland Electric Company	Transmission Owner
Martin	Amanda	PJM Interconnection	None
Martinez	Jerry	Boralex, Inc.	None
Matheson	Eric	Non Member	None
Mauroschadt	Erich	PJM Interconnection	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
Meek	Olivia	EDF Renewable Development, Inc.	None
Mei	Kevin	Rockland Electric Company	Transmission Owner
Merancia	Noelsaint	Non Member	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mullin	Michael	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nagurney	John	Public Service Electric and Gas Company	Transmission Owner
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Ndikwani	Priscilla	EDF Renewable Development, Inc.	None
Newman	Keryn	Non Member	None
Niu	Grace	PJM Interconnection	None
Nix	Emma	EDF Renewable Development, Inc.	None
Noel	Reynaldo	Orsted Onshore North America, LLC	Generation Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Connell	Moir	PJM Interconnection	None
Olmsted	Peter	Clean Grid Initiative	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Orero	Shadrack	Constellation Energy Generation, LLC	Generation Owner
Parker	Amanda	FirstEnergy Pennsylvania Electric Company (PN)	Electric Distributor
Parrot	Sarah	Public Utilities Commission of Ohio	None
Patel	Anjali	David Gardiner and Associates	None
Pearlman	Toba	Illinois Commerce Commission	None
Perera	Asanga	PJM Interconnection	None
Pezalla	William	Old Dominion Electric Cooperative	Electric Distributor
Poley	Michelle	American Transmission Systems, Inc.	Transmission Owner
Poulos	Greg	CAPS	None
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Qiu	Wenzheng	PJM Interconnection	None



Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Ramteke	Rakhi	Innergex Renewable USA LLC	Generation Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None
Richards	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rode	Advait	Michigan Public Service Commission	None
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rupert	David	Transource Energy, LLC	Transmission Owner
Russ	Michael	Strata Clean Energy	None
Rutigliano	Tom	Natural Resources Defense Council	None
Salerno	Elizabeth	GQS New Energy Strategies	None
Sammartino	Michael	Maryland Office of People's Counsel	End-Use Customer
Samuel	Allison	Virginia State Corporation Commission	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Schavrien	Nick	Silver Run Electric, LLC	Transmission Owner
Scheirer	Alexandra	PJM Interconnection	None
Scherer	Paul	Exelon Business Services Company, LLC	Transmission Owner
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Schreim	Morris	Maryland Public Service Commission	None
Schwass	Jocee	Public Utilities Commission of Ohio	None
Scott	Hugh	Baltimore Gas and Electric Company (TO)	Transmission Owner
Seireg	Bahaa	American Clean Power	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Seun	Akeyo	Fowler Ridge IV Wind Farm LLC	Generation Owner
Severson	David	Black Rock Wind Force, LLC	Generation Owner
Shah	Pulin	PECO Energy Company	Transmission Owner
Shegarfi	Roosbeh	Exelon Business Services Company, LLC	Transmission Owner
Shi	Ally	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Silverman	Abraham	Johns Hopkins University	None
Simeone	Christina	National Renewable Energy Laboratory	None
Simonian	Amanda	Zero-Emission Grid LLC	None
Sloan	Ben	Organization of PJM States, Inc.	None
Smeloff	Ed	GridLab	None
Sparks	Bridget	sPower Development Company, LLC	None
Spatafore	Julia	PJM Interconnection	None
Staevska	Asya	PJM Interconnection	None
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Storino	Laura	NJ Board of Public Utilities	None

Strange	Rob	Yes Energy LLC	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Summers	Clara	Illinois Citizens Utility Board	None
Sun	Haibin	Exelon Business Services Company, LLC	Transmission Owner
Sunderman	Derek	Savion, LLC	None
Surls	Jonathan	Energy Exemplar	None
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szmodis	Christopher	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Thomas	Angie	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Toppo	Shilpa	174 Power Global	None
Toth	Sarah	RMI	None
Tribulski	Jennifer	PJM Interconnection	None
Truong	Tuan	Duke Energy Ohio, Inc.	Transmission Owner
Van	Jordan	Pennsylvania Public Utility Commission	None
Varela	Jesse	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Velumylum	Ganesh	AMP Transmission, LLC	Transmission Owner
Vickers	Justin	Sierra Club	None
Villegas	Jolie	World Resources Institute	None
Viqueira	Alexandra	Invenergy Energy Management LLC	Generation Owner
Virant	Matthew	Mid-Atlantic Offshore Development	None
Walcavich	Colin	Equinor Renewables	None
Wayner	Claire	RMI	None
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	Non Member	None
Whitehead	Jeffrey	GT Power Group	None
Williams	Eric	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Wilson	James	Wilson Economics	None
Winsky	Timothy	Virginia Electric & Power Company	Transmission Owner
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Young	Brandon	Public Service Electric and Gas Company	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 Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Zhou	Zhangxin	Virginia Electric & Power Company	Transmission Owner
Zimmerman	Zachary	Grid Strategies	None