

January Planning Committee
In-person/ Teleconference / WebEx
January 10, 2022
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00 – 9:15)

1. Rebecca Carroll, PJM, called the meeting to order. Marilyn Jayachandran, PJM, reviewed the Antitrust, Code of Conduct, media participation, WebEx and In-person meeting participation guidelines.
2. Rebecca Carroll reviewed and stakeholders approved the January 10, 2022 Planning Committee (PC) Agenda.
3. Marilyn Jayachandran reviewed and stakeholders approved the draft December 6, 2022 Planning Committee meeting minutes.
4. Marilyn Jayachandran reviewed the 2023 PC work plan.

Endorsements (9:15 -9:50)

5. Capacity Interconnection Rights for ELCC Resources
Brian Chmielewski, PJM, reviewed the solution packages from the work done in the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources.
The committee endorsed the Package I with 196 (82%) in favor, 42 (18%) opposed, and 0 abstentions. A second vote showed stakeholders preferred Package I over status quo with 170 (71%) in favor, 68 (29%) opposed, and 0 abstentions.

The committee did not endorse the following packages:

Package D with 83 (35%) in favor, 155 (65%) opposed, and 0 abstentions. A second vote showed stakeholders did not prefer Package D over status quo with 72 (31%) in favor, 162 (69%) opposed, and 4 abstentions.

Package E with 57 (24%) in favor, 180 (76%) opposed, and 0 abstentions. A second vote showed stakeholders did not prefer Package E over status quo with 58 (24%) in favor, 180 (76%) opposed, and 0 abstentions.

Package G with 17 (7%) in favor, 221 (93%) opposed, and 0 abstentions. A second vote showed stakeholders did not prefer Package G over status quo with 21 (9%) in favor, 217 (91%) opposed, and 0 abstentions.

Package K with 65 (29%) in favor, 157 (71%) opposed, and 16 abstentions. A second vote showed stakeholders did not prefer Package K over the status quo with 66 (30%) in favor, 157 (70%) opposed, and 15 abstentions.

Package I will move to the Market and Reliability Committee (MRC) as the Main Motion.

[Issue Tracking: CIRs for ELCC Resources](#)

Materials for the special sessions can be found [here](#).

6. Generator Deliverability Proposal

Jonathan Kern, PJM, reviewed the generator deliverability test contained within Manuals 14A and 14B. **The committee endorsed the proposal by acclamation with 0 objections and 1 abstention.**

First Reads (9:50 – 9:55)

7. TO/TOP Matrix V17

Gizella Mali, PJM, presented the proposed changes to the TO/TOP Matrix. The Committee will be requested to provide a recommendation to the TOA-AC to approve the TO/TOP Matrix V17 at the next PC meeting.

Informational Updates (9:55 – 10:10)

8. Resilience Testing Update

Grace Niu, PJM, provided an update on annual resilience testing.

9. Reliability Compliance Update


Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

Informational Posting

Model Build Activity Update

- MMWG
 - Load Flow
 - PJM posted final 2023 summer study from PowerTech for Transmission Owners on December 8, 2022
 - Dynamics
 - PJM received MMWG Trial 1 dynamics cases and is working on resolving the identified PJM related issues by January 10, 2023
- RTEP
 - Load Flow
 - PJM delivered Trial 2 cases and associated files to Transmission Owners on December 9, 2022
 - Transmission Owners to provide Trial 2 updates and contingency files by January 13, 2023
 - Short Circuit
 - PJM will post the Trial 1 2025 case and associated files by January 13, 2023
 - Dynamics
 - PJM delivered RTEP 3 year summer dynamics case on December 16, 2022

- PJM is working on building RTEP 3 year light load dynamics case by January 31, 2023

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting		
Tuesday, February 7, 2023	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, January 26, 2023	Tuesday, January 31, 2023
Tuesday, March 7, 2023	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, February 23, 2022	Tuesday, February 28, 2023

Author: Marilyn Jayachandran

Attendance List

Carroll	Rebecca (Chair)	PJM Interconnection, LLC	None
Jayachandran	Marilyn (Secretary)	PJM Interconnection, LLC	None
Abate	Stephen (Steve)	Duquesne Light Company	Transmission Owner
Abdelsamad	Ahmed	Daymark Energy Advisors	None
Abdulsalam	Sami	PJM Interconnection, LLC	None
Abdur-Rahman	Muhsin	ABB Enterprise Software Inc.	None
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Allen	William (Bill)	Commonwealth Edison Company	Transmission Owner
Amoling	Leo	PJM Interconnection, LLC	None
Anderson	Bob	Tenaska Power Services Co.	Generation Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Aslam	Nabeel	PSEG Energy Resources & Trade LLC	Transmission Owner
Aurely	Marc	FirstEnergy Corporation	Transmission Owner
Bailey	Ronnie	Virginia Electric & Power Company	Transmission Owner
Bainbridge	Tom	American Transmission Systems, Inc.	Transmission Owner
Baker	Matt	Cypress Creek Renewables, LLC	Generation Owner
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Benson	Dan	Duke Energy Business Services LLC	Transmission Owner
Berner	Aaron	PJM Interconnection, LLC	None
Bernstein	Matthew	PJM Interconnection, LLC	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Borden	Eric	PEPCO Holdings, Inc.	None
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Brahman	Azade	Orsted US Trading LLC	Other Supplier
Bruno	Joshua	PJM Interconnection, LLC	None
Boyle	Stephenson	Merion Energy Solutions	None
Brodbeck	John	EDP Renewables North America	Generation Owner
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Carmean	Gregory (Greg)	Organization of PJM States, Inc. (OPSI)	None
Caven	Augustine	PJM Interconnection, LLC	None
Cham	Edrissa	Tradewind Energy, Inc.	None

Chau	Kevin	Duquesne Light Company	Transmission Owner
Chmielewski	Brian	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Coba	Luis	PSEG Energy Resources & Trade LLC	Transmission Owner
Cobb	Patrick	PJM Interconnection, LLC	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Connell	Jason	PJM Interconnection, LLC	None
Copeland	Kyle	PJM Interconnection, LLC	None
Corash	Richard (Rich)	PSEG Energy Resources & Trade LLC	Other Supplier
Cox	Jason	Dynegy Power Marketing, Inc.	Generation Owner
Dadourian	John	Monitoring Analytics, LLC	None
D'Antonio	Phil	PJM Interconnection, LLC	None
Davis	David	Strata Solar	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	Elizabeth	PJM Interconnection, LLC	None
DeGiusto Jr	Vince	UGI Utilities, Inc.	Transmission Owner
DeVita	Thomas	PJM Interconnection, LLC	None
Doering	Anthony	Savion, LLC	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection, LLC	None
Drom	Richard (Rick)	Eckert Seamans	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection, LLC	None
Dwarakesh	Nallan	Equinor Wind US	None
Edelen	Zachary (Zach)	Aurora Energy Research LLC	None
Egan	Amanda	PJM Interconnection, LLC	None
Egan	David	PJM Interconnection, LLC	None
Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
Esquivel	Manuel	Enel X North America, Inc.	Other Supplier
Esterly	Theresa	PJM Interconnection, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Falin	Tom	PJM Interconnection, LLC	None
Fall	Maguette	EDF Renewable Energy	None
Fee	George	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Sari	American Clean Power Association	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Foley	Pauline	PJM Interconnection, LLC	None
Foley	Sheila	PJM Interconnection, LLC	None
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Franks	Edmund (Ed)	PJM Interconnection, LLC	None
Franks	Christine	PJM Interconnection, LLC	None

Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Fuller	Peter	NRG Power Marketing, LLC	Generation Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gebolys	Debbie	Public Utilities Commission of Ohio (The)	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Gizella	Mali	PJM Interconnection, LLC	None
Glazer	Craig	PJM Interconnection, LLC	None
Goldberg	Jeffrey	PJM Interconnection, LLC	None
Gordon	Jon	Shiple Choice, LLC	Other Supplier
Green	Chris	Tri Global Energy, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Guignet	Douglas (Doug)	PJM Interconnection, LLC	None
Gunn	Garan	Public Service Electric & Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management	End-Use Customer
Hallett	Brian	FirstEnergy Corporation	Transmission Owner
Haque	Asim	PJM Interconnection, LLC	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hazel	Steve	Geenex Solar LLC	Other Supplier
Heinle	Frederick (Erik)	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Herman	Michael	PJM Interconnection, LLC	None
Herrera	Maria	PJM Interconnection, LLC	None
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook	Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hoshmand	Mojtaba	PJM Interconnection, LLC	None
Hozempa	Lawrence	FirstEnergy Corporation	Transmission Owner
Hsia	Eric	PJM Interconnection, LLC	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Janapareddy	Anupama (Anu)	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Scott	Indiana Office of Utility Consumer Counsel	End-Use Customer
Keenan	Matthew	Jpower USA	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kern	Jonathan	PJM Interconnection, LLC	None
Kogut	George	PJM Interconnection, LLC	None
Kuchan	Meagan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner

Kwoon Ha	Soo	Dominion Energy Generation Marketing, Inc.	Generation Owner
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
LaRocque	Matthew (Matt)	PJM Interconnection, LLC	None
Leeming	Thomas	Commonwealth Edison Company	Transmission Owner
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Lousos	Alexandros	AMP Transmission, LLC	Transmission Owner
Louwahi	Soufiane	Electric Power Engineers Consulting	None
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection, LLC	None
Lynn	Brian	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Malcolm	Jack	Exelon Business Services Company, LLC	Transmission Owner
Mali	Gizella	PJM Interconnection, LLC	None
Malik	Naureen	Bloomberg News Office of the Peoples Counsel for the District of Columbia	None
Mariam	Yohannes		End-Use Customer
Martin	Skyler	East Kentucky Power Cooperative, Inc.	Transmission Owner
Mason	Gary	FirstEnergy Corporation	Transmission Owner
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner
Mathew	Lagy	PJM Interconnection, LLC	None
Mayers	Sharon	Worley	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McDewell	Christian	Commonwealth of PA	None
McGill	Susan	PJM Interconnection, LLC	None
McLaverty	Megan	PJM Interconnection, LLC	None
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
Mertz	Christopher	Virginia Electric & Power Company	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mooney	Molly	PJM Interconnection, LLC	None
Moye	Bob	Rainbow Energy Marketing Corporation	Other Supplier
Moyo	Edwin	Charles River Associates	None
Murphy	Shaun	Urban Grid Solar Projects, LLC	Other Supplier
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christopher	Constellation Energy Generation, LLC	Generation Owner
Nestel	Stacey	PJM Interconnection, LLC	None
Ng	Perry	PJM Interconnection, LLC	None
Niu	Hui	PJM Interconnection, LLC	None
Nivolianitis	Ted	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Nix	Emma	Gable and Associates	None
Noel Jeune	Reynaldo	Acciona Energy North America Corporation	Generation Owner
O'Connell	Moira	PJM Interconnection, LLC	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pahwa	Ankit	Burns & McDonnell	None
Panegal	Ash	Apex Clean Energy	None
Papaconstandinou15nadou	Antonio	PJM Interconnection, LLC	None
Parrot	Sarah	Public Utilities Commission of Ohio	None

Perera	Asanga	PJM Interconnection, LLC	None
Peters	Ignatuis	Burns & McDonnell	None
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Potter	Harrison	Virginia Electric & Power Company	Transmission Owner
Poulos	Greg	CAPS	None
Price	Joseph	Samsung C&T America, Inc	Other Supplier
Qiu	Wenzheng	PJM Interconnection, LLC	None
Quevada	Jason	PJM Interconnection, LLC	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ranaweera	Aruna	Hecate Energy	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rocha-Garrido	Patricio	PJM Interconnection, LLC	None
Rutigliano	Tom	Achieving Equilibrium LLC	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schmitt	Catherine	Public Service Electric & Gas Company	Transmission Owner
Schmitt	David	New Jersey Board of Public Utilities	None
Schroeder	Connie	Virginia Electric & Power Company	Transmission Owner
Schuyler	Ken	PJM Interconnection, LLC	None
Seiler	Kenneth (Ken)	PJM Interconnection, LLC	None
Selick	Sam	Customized Energy Solutions, Ltd.*	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shegarfi	Roozbeh	Exelon Business Services Company, LLC	Transmission Owner
Sillin	John	The Federal Energy Regulatory Commission	None
Singh	Harliv	Northern States Power Company	Other Supplier
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Smith	William	FirstEnergy Corporation	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	David	PJM Interconnection, LLC	None
Souder	Michelle	PJM Interconnection, LLC	None
Sparks	Bridget	Dayton Power & Light Company (The)	Transmission Owner
Stadlmeyer	Rebecca	Gable and Associates	None
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Stupar	Rob	Invenergy, LLC	Generation Owner
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sun	Haibin	Constellation Energy Services, Inc.	Other Supplier
Sunderman	Derek	Tradewind Energy, Inc.	None
Sussler	Philip	State of Maryland	None
Szeto	Connie	PBF Power Marketing, LLC	Generation Owner
Szmodis	Christopher	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Szot	Lisa	Szot Energy Services, LLC	None



Draft Minutes

Taborsky	Craig	Maryland Public Service Commission	None
Tekle	Zelalem	Baltimore Gas and Electric Company	Transmission Owner
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Tribulski	Jennifer (Jen)	PJM Interconnection, LLC	None
Tubridy	Meg	Rockland Electric Company	Transmission Owner
Upadhyay	Aditi	NextEra Energy Marketing, LLC	Other Supplier
Vayda	Brian	Borough of Park Ridge, NJ	Electric Distributor
VelezCedeno	Francisco	Virginia Electric & Power Company	Transmission Owner
Viswanath	Atul	The AES Company	None
Walcavich	Colin	National Grid Renewables, LLC	None
Walker	Preston	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Webb	Becky	Commonwealth Edison Company	Transmission Owner
Wehnes	Kathleen	Maryland Public Service Commission	None
Whitehead	Jeffrey (Jeff)	GT Power Group	None
Widom	Stuart (Stu)	PJM Interconnection, LLC	None
Wilches	Rafael	Public Service Electric & Gas Company	Transmission Owner
Wilkinson	Eric	Orsted US Trading LLC	Other Supplier
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Gabel and Associates	None
York	Joshua	LS Power Development, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None