

December Planning Committee
Inperson/Teleconference / WebEx
December 06, 2022
9:00 a.m. – 12:30 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 December 6, 2022 Planning Committee (PC) Agenda.
3. Rebecca Carroll reviewed and stakeholders approved the draft November 1, 2022 Planning Committee meeting minutes.
4. Rebecca Carroll reviewed and stakeholders approved the PC Charter as proposed.
5. Jason Connell, PJM, provided an update on the FERC order on Interconnection Process Reform.

Endorsements

No endorsements in December.

First Reads (9:15 – 11:30)

6. Capacity Interconnection Rights for ELCC Resources
 - A. Brian Chmielewski, PJM, provided a first read of the solution packages from the work done in the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources. Package sponsors were given an opportunity to provide supplemental comments.
 - B. Thomas Hoatson, LS Power, discussed the proposed package(s) supported by LS Power.

The committee will be requested to vote on the proposed packages at the January PC meeting.

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

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

7. Generator Deliverability Proposal

Jonathan Kern, PJM, provided a first read of the generator deliverability test contained within Manuals 14A and 14B. **The committee will be requested to vote on the proposed changes at the January PC meeting.**

Informational Updates (11:30 – 12:30)

8. Preliminary 2023 Load Forecast
Andrew Gledhill, PJM, reviewed the preliminary 2023 Load Forecast results.
9. Transmission & Substation Subcommittee Update
Jay Liu, PJM, provided an update on the Transmission & Substation Subcommittee (TSS) work activities through 2022.
10. Transmission Facilitation Program RFP Announced for Capacity Projects – DOE Update
Jessica Lynch, PJM, provided an update on Department of Energy (DOE) announcement regarding accepting applications for [Grid Resilience and Innovation Partnership Program](#) and [Transmission Facilitation Program](#).
11. Reliability Compliance Update
Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.
12. TPL-001-5: Single Point of Failure Contingencies
Stan Sliwa, PJM, presented an update on the request to PJM Transmission Owners for updated Single Point of failure contingencies based on updated contingency definitions in TPL-001-5.

Informational Posting

Model Build Activity Update

- MMWG
 - Dynamics
 - PJM provided missing dynamic models to PowerTech
 - PJM has built the required eight cases to test dynamic models, all eight cases have been tested for no fault and disturbance
 - PJM collected dynamic data updates for the Transmission Owners dynamic devices
 - Loadflow
 - Transmission Owners will provide updates to PJM for the Trial 2 2023 summer study case by December 1, 2022
 - PJM will provide updates to PowerTech for the Trial 2 2023 summer study case by December 2, 2022
 - PowerTech will post the final 2023 summer study case by December 5, 2022
- RTEP
 - Short Circuit
 - PJM is building the Trial 1 two year case and will send it to the Transmission Owners for review in early January 2023

- PJM requests the Transmission Owners update tie line data via the Tie-Line Share Point site
 - Loadflow
 - PJM will deliver the Trial 2 cases and shunt workbook to the Transmission Owners by December 9, 2022

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting		
Tuesday, January 10, 2023	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, December 29, 2022	Tuesday, January 3, 2023
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, 2023	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	Duquesne Light Company	Transmission Owner
Abdulsalam	Sami	PJM Interconnection, LLC	None
Abdur-Rahman	Muhsin	ABB Enterprise Software Inc.	None
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Aslam	Nabeel	PSEG Energy Resources & Trade LLC	Transmission Owner
Aurely	Marc	FirstEnergy Corporation	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
Benckek	James	American Transmission	Transmission Owner
Benson	Dan	Duke Energy Business Services LLC	Transmission Owner
Berner	Aaron	PJM Interconnection, LLC	None
Bowring	Joe	Monitoring Analytics, LLC	None
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Brecke	Tracy	Mitsubishi Electric Power Products (MEPPI) USA	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Bruno	Joshua	PJM Interconnection, LLC	None
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Capparelli	David	Dakota Power Partners	None
Carmean	Gregory	OPSI	None
Carroll	Rebecca	PJM Interconnection, LLC	None
Caven	Augustine	PJM Interconnection, LLC	None
Chau	Kevin	Duquesne Light Company	Transmission Owner

Chmielewski	Brian	PJM Interconnection	None
Choi	Wonbae	Samsung C&T America, Inc	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Clark	Tanner	East Kentucky Power Cooperative, Inc.	Transmission Owner
Connell	Jason	PJM Interconnection	None
Croop	Danielle	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics, LLC	None
D'Antonio	Phil	PJM Interconnection, LLC	None
Davis	Elizabeth (Becky)	PJM Interconnection, LLC	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeGiusto Jr	Vince	UGI Utilities, Inc.	Transmission Owner
DeVita	Thomas	PJM Interconnection, LLC	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection, LLC	None
Drivas	Christina	Lightsource Renewable Energy Development, LLC	Other Supplier
Dumitriu	Nicolae	PJM Interconnection, LLC	None
Eedupuganti	Subbarao	PJM Interconnection, LLC	None
Egan	Amanda	PJM Interconnection, LLC	None
Egan	David	PJM Interconnection, LLC	None
Eitzman	Danielle	Pennsylvania Department of Environment Protection	None
Elkins	Rachel	American Transmission	Transmission Owner
Everngam	Scott	The Federal Energy Regulatory Commission	None
Fabiano	Janell	PJM Interconnection, LLC	None
Falin	Tom	PJM Interconnection, LLC	None
Farhat	Michelle	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Foley	Sheila	PJM Interconnection, LLC	None
Foley	Pauline	PJM Interconnection, LLC	None
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Franks	Christine	PJM Interconnection, LLC	None
Franks	Edmund (Ed)	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
Gaddes	Caleb	Lightsource Renewable Energy Development, LLC	Other Supplier
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gemperlein	Caleb	Heel Stone Renewable Energy	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Gledhill	Andrew	PJM Interconnection, LLC	None
Gordon	Jon	Shiple Choice, LLC	Other Supplier
Gorman	Brad	FirstEnergy Corporation	Transmission Owner
Green	Chris	Tri Global Energy, LLC	None
Greening	Michele	PJM Interconnection, LLC	None

Grindeland	Joshua	PG Renewables	None
Hallett	Brian	FirstEnergy Corporation	Transmission Owner
Handlin	Michael	PJM Interconnection, LLC	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hazel	Steve	Geenex Solar LLC	Other Supplier
Hendrick	Jared	FIH Partners	None
Herel	Suzanne	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Herrera	Maria	PJM Interconnection, LLC	None
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hoshmand	Mojtaba	PJM Interconnection, LLC	None
Hsia	Eric	PJM Interconnection, LLC	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hwang	Inwook	Exelon Business Services Company, LLC	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Jagana	Aminata	AES Corporation	None
Janapareddy	Anupama (Anu)	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	Essential Power Rock Springs, LLC	Generation Owner
Jayachandran	Marilyn	PJM Interconnection, LLC	None
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Jones	Scott	Indiana Office of Utility Consumer Counsel	End-Use Customer
Kalaskar	Rahul	AES Ohio Generation, LLC	Generation Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kern	Jonathan	PJM Interconnection, LLC	None
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
Kuchan	Meagan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Kwon 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
Lawson	Ryen	Dominion Virginia Power	None
Leeming	Thomas	Commonwealth Edison Company	Transmission Owner
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Leith-Yessian	Devin	RTO Insider	None
Leon	Miguel	PJM Interconnection, LLC	None
Liu	Jay	PJM Interconnection, LLC	None
Lockwood	Dan	PJM Interconnection, LLC	None
Lopez-Lopez	Anthony	Bryndan Associates, Inc.	None
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
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Martes	Eliasjavier	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Martin	Skyler	East Kentucky Power Cooperative, Inc.	Transmission Owner
Marzewski	Skyler	Monitoring Analytics, LLC	None
Mason	Gary	FirstEnergy Corporation	Transmission Owner
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner
Mattson	Lisa	Apex Clean Energy	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McDewell	Christian	Commonwealth of PA	None
McGill	Susan	PJM Interconnection, LLC	None
McLavery	Megan	PJM Interconnection, LLC	None
McMann	Oneida	UKA Group	None
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Mertz	Christopher	Virginia Electric & Power Company	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mooney	Molly	PJM Interconnection, LLC	None
Moyo	Edwin	Charles River Associates	None
Muhl	Nancy	PJM Interconnection, LLC	None
Murphy	Shaun	Urban Grid Solar Projects, LLC	Other Supplier
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Nallan	Dwarakesh	Equinor Wind IS	None
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christopher	Constellation Energy Generation, LLC	Generation Owner
Nestel	Stacey	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
Okenfuss	James	Savion, LLC	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Panegal	Ash	Apex Clean Energy	None
Pezon	Ron	Borough of Chambersburg	Electric Distributor
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Pilong	Melissa	PJM Interconnection, LLC	None
Porter	John	PPL Electric Utilities Corp	Transmission Owner
Poulos	Greg	CAPS	None
Ptak	Anton	EDF Renewable Energy	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rutigliano	Tom	Achieving Equilibrium LLC	None
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Samb	Massamba	Public Service Electric & Gas Company	Transmission Owner

Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schuyler	Ken	PJM Interconnection, LLC	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shanker	Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shegarfi	Roozbeh	Exelon Business Services Company, LLC	Transmission Owner
Shields	Jeffrey	PJM Interconnection, LLC	None
Sillin	John	The Federal Energy Regulatory Commission	None
Sliwa	Stan	PJM Interconnection, LLC	None
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	David	PJM Interconnection, LLC	None
Staples	Boone	Tenaska Power Services Co.	Generation Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Street	Jason	AES Ohio Generation, LLC	Generation Owner
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sussler	Philip	State of Maryland	None
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	None
Szmodis	Christopher	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Szot	Lisa	Szot Energy Services, LLC	None
Tasnim	Samia	PSEG Energy Resources & Trade LLC	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
Vang	Jerry	Mitsubishi Electric Power Products (MEPPI) USA	None
VelezCedeno	Francisco	Virginia Electric & Power Company	Transmission Owner
Viswanath	Atul	AES Corporation	None
Walcavich	Colin	Green River Holdings, LLC	Generation Owner
Walker	Mitchell	Clenera	None
Walker	Preston	PPL Electric Utilities Corp.	Transmission Owner
Watson	Jeanine	PJM Interconnection, LLC	None
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
Wilson	James	Wilson Energy Economics	None
Worcester	Alex	Transmission Analytics	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Gabel and Associates	None
Yeh	Eric	Baltimore Gas and Electric Company	Transmission Owner
York	Joshua	LS Power Development, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None