

**May Planning Committee
Teleconference / WebEx
May 10, 2022
9:00 a.m. – 12:00 p.m. EPT**

Administration (9:00 – 9:15)

1. Dave Souder, PJM, called the meeting to order. Marilyn Jayachandran, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines.
2. Dave Souder reviewed the May 10, 2022 Planning Committee agenda and noted the alternate proposal to the application of Designated Entity Agreement as an addition to the agenda.
3. Marilyn Jayachandran reviewed and stakeholders approved the draft April 12, 2022 Planning Committee meeting minutes.
4. Michele Greening, PJM, provided an update on return to campus plan for stakeholder meetings.

Endorsements (9:15 – 10:30)

5. Interconnection Process Subcommittee
Jason Connell, PJM, provided a second read of the draft charter of the Interconnection Process Subcommittee, which is being formed to continue the discussion of interconnection process improvements after the work of the IPRTF concludes. The committee proposed additional changes to the draft charter. **The committee will be asked to vote on the draft charter at the June meeting.**
6. RSCS Charter
Monica Burkett, PJM, provided a second read of changes made to the Reliability Standards & Compliance Subcommittee Charter. **The committee approved the proposed changes to the charter with 0 Objections and 0 Abstentions.**
7. Application of Designated Entity Agreement
Augustine Caven, PJM, provided a second read of the proposed solution to address the application of Designated Entity Agreement.

The committee approved the Issue Charge and endorsed PJM's proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at today's meeting. **The Committee approved the issue charge and endorsed the proposed solution with 177 Yes votes, 72 No Votes, and 4 Abstentions. The committee also endorsed the proposed solution over the status quo with 182 Yes votes, 66 No Votes, and 2 Abstentions.**

Art Iler, Indiana Office of Utility Consumer Counsel, provided a first read of the alternate DEA issue charge. The proposed issue charge failed at the Committee with 89 Yes Votes, 149 No Votes and 13 Abstentions.

First Reads (10:30 – 10:45)

8. 2022 RRS Assumptions

Jason Quevada, PJM, presented the 2022 RRS assumptions as developed in the Resource Adequacy Analysis Subcommittee. **The committee will be requested to endorse the study assumptions at the June PC meeting**

Informational Updates (10:45 – 12:00)

9. Capacity Interconnection Rights for ELCC Resources Update

Brian Chmielewski, PJM, provided an update from the work done during the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources.

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

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

10. Generator Deliverability Timeline Update

Jonathan Kern, PJM, provided a generator deliverability proposal development timeline update.

11. NERC Compliance Monitoring and Enforcement Program (CMEP) Practice Guide Update on CIP-014

Gizella Mali, PJM, provided an update on PJM activities surrounding the NERC CMEP Practice Guide on CIP-014 and revisions to CB020.

12. Grid of the Future – PJM RTEP Perspective

Sue Glatz, PJM, discussed PJM's report on planning for the grid of the future.

13. FERC NOPR Summary

Jessica Lynch, PJM, provided a summary of the FERC Notice of Proposed Rulemaking (NOPR) Building for the Future through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection.

14. 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
 - Dynamics
 - MMWG posted Trial 4 dynamic cases. Identified issues related to PJM have been resolved. MMWG will post the Pre-Final dynamic cases for review
 - EIPC FRWG has finalized 2025 Spring Minimum Load dynamic cases. FRWG also finished the survey on the largest loss of generation contingency

- Loadflow
 - The starting cases were provided to the Transmission Owners on April 29, 2022
 - Transmission Owners will provide idevs to update the starting cases by May 27, 2022
 - Transmission Owners provided idevs to update the 2022 winter study case on April 28, 2022
 - PJM submitted the idevs to update the 2022 winter study case to PowerTech on April 29, 2022
 - There are two more trials to update the 2022 winter study case in May, the final updates are due to PowerTech on May 20, 2022
- RTEP
 - Loadflow
 - All 2022 series cases have been delivered to PJM's Transmission Planning Department
 - Short Circuit
 - PJM delivered the Trial 3 2-year RTEP case and Trial 1 5-year RTEP case and files
 - All Transmission Owners were required to provide their feedback by April 19, 2022
 - PJM is currently reviewing the 2-year model breaker analysis and will reach out to Transmission Owners as needed
 - The Trial 2 5-year case is currently being built by applying the Transmission Owners feedback
 - Dynamics
 - PJM is currently building RTEP 2022 series dynamic cases

The upcoming Gen Model Window for MOD-032 data submittals for applicable Generator Owners will open on Sunday, May 1, 2022 and end on Wednesday, June 15, 2022

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting (Location)		
Tuesday, June 7, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, May 26, 2022	Tuesday, May 31, 2022
Tuesday, July 12, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, June 30, 2022	Tuesday, July 5, 2022
Tuesday, August 9, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, July 28, 2022	Tuesday, August 2, 2022
Tuesday, September 6, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, August 25, 2022	Tuesday, August 30, 2022

Author: Marilyn Jayachandran

Attendance List

Souder	David (Chair)	PJM Interconnection, LLC	None
Jayachandran	Marilyn(Secretary)	PJM Interconnection, LLC	None
Berner	Aaron	PJM Interconnection, LLC	None
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner
Worcester	Alex	Transmission Analytics	None
Lousos	Alexandros	AMP Transmission, LLC	Transmission Owner
Egan	Amanda	PJM Interconnection, LLC	None
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Pahwa	Ankit	Burns & McDonnell	None
Drake	Anna	PJM Interconnection, LLC	None
Ptak	Anton	EDF Renewable Energy	None
Janapareddy	Anupama	Green River Holdings, LLC	Generation Owner
Iler	Arthur	Indiana Office of Utility Consumer Counsel	End-Use Customer
Panegal	Ash	Apex Clean Energy	None
Haque	Asim	PJM Interconnection, LLC	None
Ghayas	Awais	PJM Interconnection, LLC	None
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Greene III	Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Squibb	Bill	Ohio Valley Electric Corp	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Chmielewski	Brian	PJM Interconnection, LLC	None
Hallett	Brian	FirstEnergy Corporation	Transmission Owner
Vayda	Brian	Borough of Park Ridge, NJ	Electric Distributor
Sparks	Bridget	Dayton Power & Light Company (The)	Transmission Owner
Malladi	Brindavani	Arevo Energy	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
VanBlargan	Bryna	Resource Investments	None
Choi	Byoungkon	PJM Interconnection, LLC	None
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Bommareddy	Chandana	TRC Solutions	None
Colaresi	Chandra	Cpower Energy Management	None
Guo	Chengyue	ATC LLC	None
Green	Chris	Tri Global Energy, LLC	None
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	None
Franks	Christine	PJM Interconnection, LLC	None
Nekolny	Christopher	Constellation Energy Generation, LLC	Generation Owner
Pilong	Christopher	PJM Interconnection, LLC	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Walcavich	Colin	National Grid Renewables, LLC	None

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Edgar-Smith	Collin	PJM Interconnection, LLC	None
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Howe	Cullen	Natural Resources Defense Council	None
Tashakkori	Cyrus	Open Road Renewables, LLC	None
Benson	Dan	Duke Energy Business Services LLC	Transmission Owner
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Capparelli	David	Dakota Power Partners	None
Davis	David	Strata Solar	None
Egan	David	PJM Interconnection, LLC	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Mabry	David	McNees Wallace & Nurick LLC	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Sunderman	Derek	Tradewind Energy, Inc.	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Kurthakoti	Divya	Orsted US Trading LLC	Other Supplier
Achaab	Edward	AEP Energy Partners, Inc.	Transmission Owner
Franks	Edmund	PJM Interconnection, LLC	None
Martes	Eliasjavier	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Davis	Elizabeth	PJM Interconnection, LLC	None
Creem	Elliot	Comverge Inc.	None
James	Eric	AEP Appalachian Transmission Company, Inc.	Transmission Owner
VelezCedeno	Francisco	Virginia Electric & Power Company	Transmission Owner
Rohs	Fred	Marina Energy, LLC	Generation Owner
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Khoury	George	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Jardot	Gina	Essential Power Rock Springs, LLC	Generation Owner
Mali	Gizella	PJM Interconnection, LLC	None
Wray	Gizelle	Solar Energy Industries Association	None
Catenacci	Glenn	Public Service Electric & Gas Company	Transmission Owner
Carmean	Gregory	OPSI	None
Poulos	Greg	CAPS	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Sun	Haibin	Constellation Energy Services, Inc.	Other Supplier
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Haas	Howard	Monitoring Analytics, LLC	None
Scott	Hugh	Baltimore Gas and Electric Company	Transmission Owner
Oxenham	Ian	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Chocarro	Iker	RWE Renewables Americas, LLC	Generation Owner
Aguirrebengoa			
Thomas	Jack	PJM Interconnection, LLC	None
Okenfuss	James	Savion, LLC	None

Wilson	James	Wilson Energy Economics	None
Fabiano	Janell	PJM Interconnection, LLC	None
Kent	Janessa	Duquesne Light Company	Transmission Owner
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Connell	Jason	PJM Interconnection, LLC	None
Procnuar	Jason	Buckeye Power, Inc.	Electric Distributor
Quevada	Jason	PJM Interconnection, LLC	None
Shoemaker	Jason	PJM Interconnection, LLC	None
Street	Jason	AES Ohio Generation, LLC	Generation Owner
Lucas	Jay	Public Staff - North Carolina Utilities Commission	End-Use Customer
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Whitehead	Jeffrey	GT Power Group	None
Tribulski	Jennifer (Jen)	PJM Interconnection, LLC	None
Tribulski	Jennifer (Jen)	PJM Interconnection, LLC	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Lynch	Jessica	PJM Interconnection, LLC	None
Johnson	Jessica	Timmons Group	None
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Dadourian	John	Monitoring Analytics, LLC	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Idzior	John	ReliabilityFirst	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Reid	John	PJM Interconnection, LLC	None
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Kern	Jonathan	PJM Interconnection, LLC	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
Ni	Kai	Power Gem	None
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Samarasekera	Kasun	Electric Power Engineers, Inc.	None
Burnham	Kat	Advanced Energy Economy (AEE)	None
McCormick	Katharine	Illinois Commerce Commission	None
Wehnes	Kathleen	Maryland Public Service Commission	None
Schuyler	Ken	PJM Interconnection, LLC	None
Curtis	Kenneth	Drilling Info, Inc.	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Clifford	Kyle	PJM Interconnection, LLC	None
Copeland	Kyle	PJM Interconnection, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None
Hozempa	Lawrence	FirstEnergy Corporation	Transmission Owner
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Krizenoskas	Lisa	PJM Interconnection, LLC	None

Garcia	Luis	Public Service Electric & Gas Company	Transmission Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Fall	Maguette	EDF Renewable Energy	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Aurely	Marc	FirstEnergy Corporation	Transmission Owner
Sims	Mark	PJM Interconnection, LLC	None
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner
LaRocque	Matthew	PJM Interconnection, LLC	None
Keenan	Matthew	Jpower USA	None
Kuchan	Meagan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
McLavery	Megan	PJM Interconnection, LLC	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Muglie	Michael	Kupper Engineering, Inc.	None
Ward	Michael	PJM Interconnection, LLC	None
Yoder	Michael	RTO Insider	None
Greening	Michele	PJM Interconnection, LLC	None
Souder	Michelle	PJM Interconnection, LLC	None
Borgatti	Michael	Gabel and Associates	None
Bryson	Michael (Mike)	PJM Interconnection, LLC	None
Zahidi	Mohamed	PSEG Energy Resources & Trade LLC	Other Supplier
Burkett	Monica	PJM Interconnection, LLC	None
Aslam	Nabeel	PSEG Energy Resources & Trade LLC	Transmission Owner
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Tesfa	Nebiat	PJM Interconnection, LLC	None
Dumitriu	Nicolae	PJM Interconnection, LLC	None
Rocha-Garrido	Patricio	PJM Interconnection, LLC	None
McGlynn	Paul	PJM Interconnection, LLC	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Foley	Pauline	PJM Interconnection, LLC	None
Fuller	Peter	NRG Power Marketing, LLC	Generation Owner
Jones	Peter	Energy Endeavors, LLC	Other Supplier
D'Antonio	Phil	PJM Interconnection, LLC	None
Wilches	Rafael	Public Service Electric & Gas Company	Transmission Owner
Roychowdhury	Rajarshi	Dayton Power & Light Company	Transmission Owner
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Noel Jeune	Reynaldo	Acciona Energy North America Corporation	Generation Owner
Taylor	Robert	Exelon Business Services Company, LLC	Transmission Owner
Carrier	Ronald (Ron)	Big Lake Consulting	None
Regner	Ronald (Ron)	Commonwealth Edison Company	Transmission Owner
Bailey	Ronnie	Virginia Electric & Power Company	Transmission Owner
Shegarfi	Roozbeh	Exelon Business Services Company, LLC	Transmission Owner
Sweeney	Rory	GT Power Group	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Price	Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer
Dolan	Ryan	Dayton Power & Light Company (The)	Transmission Owner

Reagan	Ryann	New Jersey Board of Public Utilities	None
Lawson	Ryen	Dominion Virginia Power	None
Abdulsalam	Sami	PJM Interconnection, LLC	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Segner	Sharon	LS Power Development, LLC	None
Murphy	Shaun	Urban Grid Solar Projects, LLC	Other Supplier
Welch	David	Dynegy Marketing and Trade, LLC	Generation Owner
Toppo	Shilpa	174 Power Global	None
Nguyen	Sonny	Urban Grid Solar Projects, LLC	Other Supplier
Weiss	Spencer	EDP Renewables North America, LLC	Generation Owner
Hari	Sriharsha	Tenaska Power Services Co.	Generation Owner
Sliwa	Stanley (Stan)	PJM Interconnection, LLC	None
Staples	Boone	Tenaska Power Services Co.	Generation Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Abate	Stephen	Duquesne Light Company	Transmission Owner
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
McGill	Susan	PJM Interconnection, LLC	None
Stanfill	Susan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Herel	Suzanne	PJM Interconnection, LLC	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bensala	Tarik	PJM Interconnection, LLC	None
DeVita	Thomas	PJM Interconnection, LLC	None
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Burdis	Tim	PJM Interconnection, LLC	None
Horger	Tim	PJM Interconnection, LLC	None
Mohler	Tina	PJM Interconnection, LLC	None
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Falin	Tom	PJM Interconnection, LLC	None
Hyzinski	Tom	GT Power Group	None
Rutigiano	Tom	Achieving Equilibrium LLC	None
Schmitt	Tom	FirstEnergy Corporation	Transmission Owner
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Conklin	Tyler	Public Utilities Commission of Ohio	None
Guntle	Vince	American PowerNet Management	End-Use Customer
DeGiusto Jr	Vince	UGI Utilities, Inc.	Transmission Owner
Qiu	Wenzheng	PJM Interconnection, LLC	None
Jett	William (Bill)	Duke Energy Business Services LLC	Transmission Owner
Choi	Wonbae	Samsung C&T America, Inc	None
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Callen	Zachary (Zac)	Illinois Commerce Commission	None