

**April Planning Committee  
Teleconference / WebEx  
April 12, 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. Marilyn Jayachandran reviewed the April 12, 2022 Planning Committee agenda. No changes to the agenda were requested.
3. Marilyn Jayachandran reviewed the draft March 8, 2022 Planning Committee meeting minutes and the committee approved the draft minutes from the March 8, 2022 PC meeting.
4. Dave Anders, PJM, provided an update on the voting protocols for Board elections at the May Members Committee meeting.
5. Marilyn Jayachandran reviewed the 2022 PC Work Plan.

## **Endorsements (9:15 – 9:45)**

6. Manual 14F: Competitive Planning Process Update  
Joseph Hay, PJM, provided a review of Manual 14F regarding the biennial cover-to-cover review. **The committee approved the Manual 14 F changes with 0 objections and 0 Abstentions.**
7. Manual 21A: Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis  
Joshua Bruno, PJM, provided a review of Manual 21A revisions regarding an ELCC model run timing update and changes to reflect the continuation of the current method to provide unit specific backcasts only as requested. There were no changes reported since the March first read.

**The committee approved the Issue Charge and endorsed the proposed Manual 21A revisions as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at today's meeting. There were 182 Yes votes, 5 No Votes, and 9 Abstentions. The committee also approved the proposed solution over the status quo with 182 Yes votes, 5 No Votes, and 9 Abstentions.**

## **First Reads (9:45 – 10:30)**

8. Interconnection Process Subcommittee  
Jason Connell, PJM, provided a first read of the draft charter of the Interconnection Process Subcommittee to continue the discussion of interconnection process

improvements after the work of the IPRTF concludes. The committee will be asked to vote on the draft charter at next month's meeting.

9. Application of Designated Entity Agreement

Augustine Caven, PJM, provided a first read of the proposed solution to address the application of Designated Entity Agreement. The committee will be asked to approve the Issue Charge and endorse the proposed approach as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at next month's meeting.

10. RSCS Charter

Monica Burkett, PJM, provided a first read of changes made to the Reliability Standards & Compliance Subcommittee Charter. The committee will be asked to vote on the draft charter at next month's meeting.

## Informational Updates (10:30 – 12:00)

11. 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](#).

12. Generator Deliverability Timeline Update

Jonathan Kern, PJM, provided an update to the generator deliverability proposal and associated timeline.

13. Interconnection Queue Update

Jason Shoemaker, PJM, reviewed status of the PJM Interconnection Queues.

14. Manual 03: Transmission Operations Update

This item was an informational posting only.

15. Reliability Compliance Update

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

16. Interconnection Process Reform

- A. John Wieland, Leeward Energy, a representative from the PJM Interconnection Customer Coalition reviewed a proposed amendment to the Interconnection Process Reform solution endorsed by the PC.

- B. Alex Stern, PSEG, reviewed a proposed amendment to the Interconnection Process Reform solution endorsed by the PC.
- C. Michael Yuffee, representing Hollow Road Solar, reviewed an additional proposed amendment to the Interconnection Process Reform solution endorsed by the PC.

## Informational Posting

### Model Build Activity Update

- MMWG
  - Dynamics
    - PJM is helping PowerTech to resolve the identified issues of 20 seconds flat run for MMWG 2021 series dynamic cases
    - PJM is helping PowerTech to build the minimum inertia dynamic case for EIPC FRWG's Eastern Interconnection Frequency Response study
- RTEP
  - Loadflow
    - The 2027 Light Load, Summer and Winter cases and associated files are being reviewed by PJM's Transmission Planning and System Planning Modeling and Support Department
  - Short Circuit
    - PJM is applying feedback received from the Transmission Owners to the Trial 3 2024 model
    - The Trial 3 2024 RTEP short circuit case and files along with Trial 1 2027 RTEP short circuit case will be delivered by end of March, 2022
- The upcoming Gen Model Window for MOD-032 data submittals for applicable Generator Owners will open on Sunday, May 1st, 2022 and end on Wednesday, June 15th, 2022

### MOD-032 Update

- The Gen Model window will open May 1 and remain open through June 15. Generator Owners have the option of using data submitted in previous years to prepopulate the 2022 forms. For any questions or comments email [MOD-032@pjm.com](mailto:MOD-032@pjm.com)
- The 2022 yearly updates to the Gen Model Users Guide and MOD-032 Data Requirements Documents will be issued in early April. All applicable contacts on the Gen Model Mailing List will be informed via a separate email when the updated documents are publically available.


- No major updates have been made to the Gen Model site since last year.
- Link to Gen Model and relevant documents: <https://www.pjm.com/markets-and-operations/etools/planning-center>

## Manual 03 Updates

Updates to PJM Manual 03, Revision 61 – Transmission Operations are posted as informational only with meeting materials

## PC Special Session – DEA Education

DEA Education Session was scheduled for April 12<sup>th</sup>, 2022 from 3:00 – 5:00 p.m. EPT. Materials for the special session can be found [here](#).

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting (Location)		
Tuesday, May 10, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, April 28, 2022	Tuesday, May 3, 2022
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
Abdulsalam	Sami	PJM Interconnection, LLC	None
Adams	Darrin	East Kentucky Power Cooperative, Inc. PPL Electric Utilities Corp. dba PPL	Transmission Owner
Ali	Shadab	Utilities	Transmission Owner
Alian	Gian	Duquesne Light Company	Transmission Owner
Allen	William (Bill)	Commonwealth Edison Company	Transmission Owner
Anderson	Bob	Tenaska Power Services Co.	Generation Owner
Aslam	Nabeel	PSEG Energy Resources & Trade LLC	Transmission Owner

Aurely	Marc	FirstEnergy Corporation	Transmission Owner
Awasthi	Shekhar	PJM Interconnection, LLC	None
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Bautista	Alejandro	PJM Interconnection, LLC	None
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Benson	Dan	Duke Energy Business Services LLC	Transmission Owner
Berman	Dave	Wright & Talisman, P.C.	None
Berner	Aaron	PJM Interconnection, LLC	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Borum III	Larry	Illinois Commerce Commission	None
Brahman	Azade	Orsted US Trading LLC	Other Supplier
Burkett	Monica	PJM Interconnection, LLC	None
Burnham	Kat	Advanced Energy Economy (AEE) AEP Appalachian Transmission Company, Inc.	None
Canter	David		Transmission Owner
Caven	Onyinye	PJM Interconnection, LLC	None
Caven	Augustine	PJM Interconnection, LLC	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Chocarro			
Aguirreben goa	Iker	RWE Renewables Americas, LLC	Generation Owner
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Clifford	Kyle	PECO Energy Company	Transmission Owner
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Copeland	Kyle	PJM Interconnection, LLC	None
Corash	Richard	PSEG Energy Resources & Trade LLC	Other Supplier
Dadourian	John	Monitoring Analytics, LLC	None
Dailey	Michael	Northern Virginia Electric Cooperative	Electric Distributor
D'Antonio	Phil	PJM Interconnection, LLC	None
	Elizabeth		
Davis	(Becky)	PJM Interconnection, LLC	None
Davis	David	Strata Solar	None
		Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	James (Jim)		
DeGiusto Jr	Vince	UGI Utilities, Inc.	Transmission Owner
Dolan	Ryan	Dayton Power & Light Company (The)	Transmission Owner
Drake	Anna	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection, LLC	None
Edgar- Smith	Collin	PJM Interconnection, LLC	None
Egan	David	PJM Interconnection, LLC	None
Engleman	Michael	Engleman Fallon, PLLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Fall	Maguette	EDF Renewable Energy	None
Fall	Maguette	EDF Renewable Energy	None

Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Fink	Sari	American Clean Power Association	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Franks	Edmund (Ed)	PJM Interconnection, LLC	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fuller	Peter	NRG Power Marketing, LLC	Generation Owner
Garcia	Luis	Public Service Electric & Gas Company AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gates	Terry	PJM Interconnection, LLC	Transmission Owner
Ghayas	Awais	ConEdison Energy, Inc.	None
Gilani	Rehan	PJM Interconnection, LLC	Other Supplier
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Glennon	James	PJM Interconnection, LLC	None
Green	Chris	Tri Global Energy, LLC AEP Appalachian Transmission Company, Inc.	None
Greene III	Benjamin	PSEG Energy Resources & Trade LLC	Transmission Owner
Greiner	Gary	Public Service Electric & Gas Company	Other Supplier
Gunn	Garan	ATC LLC	Transmission Owner
Guo	Chengyue	Baltimore Gas and Electric Company	None
Guy	Gary	Enel Trading North America, LLC	Transmission Owner
Han	Minnie	Tenaska Power Services Co.	Other Supplier
Hari	Sriharsha	Market Interconnection Consulting Services (MICS)	Generation Owner
Hastings	David	PJM Interconnection, LLC	None
Hay	Joseph	AEP Appalachian Transmission Company, Inc.	None
Heitmeyer	Chad	PJM Interconnection, LLC	Transmission Owner
Herel	Suzanne	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hohenshiit	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hooley	Ben	Wabash Valley Power Association, Inc.	Electric Distributor
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Howe	Cullen	Natural Resources Defense Council	None
Hozempa	Lawrence	FirstEnergy Corporation	Transmission Owner
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Hugee	Jacquelyn (Jacqui)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Iler	Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
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
Jett	William (Bill)	Duke Energy Business Services LLC	Transmission Owner



Johnson	Jessica	Timmons Group	None
Jones	Tania	Dominion Virginia Power	None
Kadous	Mohamed	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kern	Jonathan	PJM Interconnection, LLC	None
Kogut	George	New York Power Authority	Other Supplier
Konowal	Richard (Rich)	PJM Interconnection, LLC	None
Kopinski	John	ITC Mid-Atlantic Development LLC	Other Supplier
Krizenoskas	Lisa	PJM Interconnection, LLC	None
Kuchan	Meagan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Kurthakoti	Divya	Orsted US Trading LLC	Other Supplier
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lambert	Andrew	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
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Manno	Dean	PJM Interconnection, LLC	None
Mason	Ray	ReliabilityFirst	None
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner
McGlynn	Paul	PJM Interconnection, LLC	None
McLaverty	Megan	PJM Interconnection, LLC	None
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Mohler	Tina	PJM Interconnection, LLC	None
Mooney	Molly	PJM Interconnection, LLC	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
Nedwick	Peter	Virginia Electric & Power Company	Transmission Owner
Nekolny	Christopher	Constellation Energy Generation, LLC	Generation Owner
Ni	Kai	Power Gem	None
Nix	Emma	Gable and Associates	None
Noel Jeune	Reynaldo	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Olaley	Michael	PJM Interconnection, LLC	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pahwa	Ankit	Burns & McDonnell	None
Panegal	Ash	Apex Clean Energy	None

Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Pilong	Christopher	PJM Interconnection, LLC	None
Poulos	Greg	CAPS	None
Ptak	Anton	EDF Renewable Energy	None
Quevada	Jason	PJM Interconnection, LLC	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ranaweera	Aruna	Hecate Energy	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Rischard	Darian	AMP Transmission, LLC	Transmission Owner
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Robinson	Becky	Vista Energy Marketing, L.P. Southern Maryland Electric Cooperative, Inc.	Other Supplier
Rohrbach	John		Electric Distributor
Roychowdhury	Rajarshi	Dayton Power & Light Company	Transmission Owner
Samarasekera	Kasun	Electric Power Engineers, Inc.	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
Scott	Hugh	Baltimore Gas and Electric Company	Transmission Owner
Seeley	Dylan	PJM Interconnection, LLC	None
Segner	Sharon	LS Power Development, LLC	None
Seide	Richard	Apex Clean Energy	None
Seiler	Kenneth (Ken)	PJM Interconnection, LLC	None
Sharpe	Ian	Leeward Renewable Energy, LLC	None
Shegarfi	Roozbeh	Exelon Business Services Company, LLC	Transmission Owner
Shoemaker	Jason	PJM Interconnection, LLC	None
Sims	Mark	PJM Interconnection, LLC	None
Singh	Ruchi	Duquesne Light Company	Transmission Owner
Singh	Harliv	Northern States Power Company	Other Supplier
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	Michelle	PJM Interconnection, LLC	None
Sparks	Bridget	Dayton Power & Light Company (The)	Transmission Owner
Sparks	Bridget	Dayton Power & Light Company (The)	Transmission Owner
Sparling	Rick	Alston & Bird	None
Squibb	Bill	Ohio Valley Electric Corp	Transmission Owner
Stanfill	Susan	Pine Gate Mid-Atlantic, LLC	Other Supplier
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
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	None
Taylor	Robert	Exelon Business Services Company, LLC	Transmission Owner
Tekle	Zelalem	Baltimore Gas and Electric Company	Transmission Owner





# Minutes

Tesfa	Nebiat	PJM Interconnection, LLC	None
VanBlargan	Bryna	Resource Investments	None
VelezCede			
no	Francisco	Virginia Electric & Power Company	Transmission Owner
Walcvich	Colin	National Grid Renewables, LLC	None
Walcvich	Colin	National Grid Renewables, LLC	None
Ward	Michael	PJM Interconnection, LLC	None
Watson	Jeanine	PJM Interconnection, LLC	None
Wehnes	Kathleen	Maryland Public Service Commission	None
Weiss	Spencer	EDP Renewables North America, LLC	Generation Owner
Whitehead	Jeffrey	GT Power Group	None
Wieland	John	Leeward Renewable Energy, LLC	None
Wilches	Rafael	Public Service Electric & Gas Company	Transmission Owner
Wilkinson	Eric	Orsted US Trading LLC	Other Supplier
Yeh	Eric	Baltimore Gas and Electric Company	Transmission Owner
Yoder	Michael	RTO Insider	None
York	Joshua	LS Power Development, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None
Yuffee	Michael	Baker Botts	None