

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

***\*Operator assisted phone lines will be opened 30 minutes prior to the start of the meeting. Due to the high volume of remote participation, stakeholders are asked to connect early to allow additional time for operator queue processing.***

## 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, WebEx and In-person meeting participation guidelines.
2. Marilyn Jayachandran reviewed and stakeholders approved the July 12, 2022 Planning Committee agenda.
3. Marilyn Jayachandran reviewed and stakeholders approved the draft June 07, 2022 Planning Committee meeting minutes.
4. Marilyn Jayachandran reviewed the 2022 PC Work Plan.

## Endorsements

No endorsement items in July 2022

## First Reads (9:15 – 9:30)

5. Load Model Selection  
Patricio Rocha-Garrido presented the results of the Load Model selection process for the 2022 Reserve Requirement Study. The committee will be requested to endorse this Load Model selection at the August meeting.

## Informational Updates (9:30 – 12:00)

6. Capacity Interconnection Rights for ELCC Resources Update  
Brian Chmielewski, PJM, provided an update from the work done in the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources. Mr. Chmielewski communicated that the July 19 PC special session was canceled and will be rescheduled for sometime in August while PJM reviews stakeholder feedback.

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

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

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

## 8. Informational Update on NOPRs

- A. Jason Connell, PJM, provided an update on RM22-14-000, Notice of Proposed Rulemaking (“NOPR”), Improvements to Generator Interconnection Procedures and Agreements (“Interconnection NOPR”)
- B. Sami Abdulsalam, PJM, provided an update on RM22-10-000 Notice of Proposed Rulemaking on Transmission System Planning Performance Requirements for Extreme Weather (“NOPR on Planning Performance for Extreme Weather”).
- C. Simon Tam, PJM, provided an update on RM22-16-000, Notice of Proposed Rulemaking to propose to direct Transmission Providers to submit one-time informational reports on extreme weather vulnerability assessments, climate change, extreme weather and electric system reliability (“One-Time Information Report NOPR”).

## 9. GMD Steady State Voltage Performance Update

Stanley Sliwa, PJM, provided an overview of the criteria to establish acceptable system steady state voltage performance during a GMD event per TPL-007-4 Requirement R3.

## 10. Generator Deliverability Education

Jonathan Kern, PJM, provided an update on the gen deliverability timeline and education on the generator deliverability proposal and M14B revisions.

## Informational Posting


### Model Build Activity Update

- MMWG
  - Dynamics
    - MMWG dynamic cases have been approved and finalized
    - Power Tech is working on benchmarking the frequency response with historical events for an EIPC Frequency Response Working Group study
  - Loadflow
    - PJM submitted all 12 Trial 1 cases to PowerTech on June 24, 2022
    - PowerTech will assemble all 12 cases and provide them by July 15, 2022
    - Transmissions Owners will review the 12 cases and provide any updates by July 22, 2022
- RTEP
  - Dynamics
    - PJM is currently building RTEP 2022 series dynamic cases based on the final MMWG cases

- The Gen Model Window for MOD-032 data submittals for applicable Generator Owners closed on Wednesday, June 15th, 2022

## PJM Manual 03 Attachment E Automatic Sectionalizing Schemes

The PJM Manual 03 Attachment E Automatic Sectionalizing Schemes Pending Approval and Recent Changes document has been posted as an Information Only item to the June MRC meeting materials.

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting (Location)		
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
Tuesday, October 4, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, September 22, 2022	Tuesday, September 27, 2022
Tuesday, November 1, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, October 20, 2022	Tuesday, October 25, 2022
Tuesday, December 6, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, November 23, 2022	Tuesday, November 29, 2022

Author: Marilyn Jayachandran

## Attendance List

Souder	David (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
Achaab	Edward	AEP Energy Partners, Inc.	Transmission Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Allen	Alicia	Sargent & Lundy	None
Anders	David	PJM Interconnection, LLC	None
Aslam	Nabeel	PSEG Energy Resources & Trade LLC	Transmission Owner
Aurely	Marc	FirstEnergy Corporation	Transmission Owner
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bensala	Tarik	PJM Interconnection, LLC	None
Benson	Dan	Duke Energy Business Services LLC	Transmission Owner
Berner	Aaron	PJM Interconnection, LLC	None
Bernstein	Matthew	PJM Interconnection, LLC	None
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Capparelli	David	Dakota Power Partners	None
Carmean	Gregory	OPSI	None
Cham	Edrissa	Tradewind Energy, Inc.	None
Chmielewski	Brian	PJM Interconnection, LLC	None

Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Cobb	Patrick	PJM Interconnection, LLC	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Conklin	Tyler	Public Utilities Commission of Ohio	None
Connell	Jason	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	Elizabeth (Becky)	PJM Interconnection, LLC	None
Davis	David	Strata Solar	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
Dorner	Amber	Consolidated Edison Company of New York, Inc	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection, LLC	None
Egan	David	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
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Garcia	Luis	Public Service Electric & Gas Company	Transmission Owner
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Gledhill	Andrew	PJM Interconnection, LLC	None
Glennon	James	PJM Interconnection, LLC	None
Gluck	Jim	PJM Interconnection, LLC	None
Greene III	Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greiner	Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Guntle	Vince	American PowerNet Management	End-Use Customer
Hallett	Brian	FirstEnergy Corporation	Transmission Owner
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Heidorn	Richard	RTO Insider	None
Heisey	Bradley	Wolf Hills Energy, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection, LLC	None
Herman	Michael	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
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner

Howe	Cullen	Natural Resources Defense Council	None
Hozempa	Lawrence	FirstEnergy Corporation	Transmission Owner
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Idzior	John	ReliabilityFirst	None
Iler	Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Islam	Lubaba	Rockland Electric Company	Transmission Owner
Jacobe	Jesse	PJM Interconnection, LLC	None
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
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Peter	Energy Endeavors, LLC	Other Supplier
Jones	Scott	Indiana Office of Utility Consumer Counsel	End-Use Customer
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
Koegel	Peter	Power System	None
Krizenoskas	Lisa	PJM Interconnection, LLC	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lawson	Ryen	Dominion Virginia Power	None
Leeming	Thomas	Commonwealth Edison Company	Transmission Owner
Leventhal	David	sPower development	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
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner
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
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Millar	Rigoberto	NextEra Energy Marketing, LLC	Other Supplier
Mooney	Molly	PJM Interconnection, LLC	None
Mooy	Dan	Energy Exemplar	None
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christopher	Constellation Energy Generation, LLC	Generation Owner
Ng	Perry	PJM Interconnection, LLC	None

Ni	Kai	Power Gem	None
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
Pahwa	Ankit	Burns & McDonnell	None
Pakela	Gregory (Greg)	DTE Energy Trading, Inc.	Other Supplier
Palermo	P Jeffrey	Other	None
Panegal	Ash	Apex Clean Energy	None
Pincus	Steven	PJM Interconnection, LLC	None
Procutiar	Jason	Buckeye Power, Inc.	Electric Distributor
Ptak	Anton	EDF Renewable Energy	None
Qiu	Wenzheng	PJM Interconnection, LLC	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Rocha-Garrido	Patricio	PJM Interconnection, LLC	None
Rohs	Fred	Marina Energy, LLC	Generation Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schmitt	Catherine	Public Service Electric & Gas Company	Transmission Owner
Schmitt	Tom	FirstEnergy Corporation	Transmission Owner
Schmitt	David	New Jersey Board of Public Utilities	None
Schroeder	Connie	Virginia Electric & Power Company	Transmission Owner
Shah	Pulin	PECO Energy Company	Transmission Owner
Shegarfi	Roosbeh	Exelon Business Services Company, LLC	Transmission Owner
Sims	Mark	PJM Interconnection, LLC	None
Sliwa	Stanley (Stan)	PJM Interconnection, LLC	None
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Sparks	Bridget	sPower Development	None
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
Street	Jason	AES Ohio Generation, LLC	Generation Owner
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sunderman	Derek	Tradewind Energy, Inc.	None
Sussler	Philip	State of Maryland	None
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Sweeney	Rory	GT Power Group	None
Swigonski	Frank	Advanced Energy Economy, Inc.	None
Tam	Simon	PJM Interconnection, LLC	None
Tasnim	Samia	PSEG Energy Resources & Trade LLC	Transmission Owner
Taylor	Miles	Northern Indiana Public Service Company	Other Supplier
Tekle	Zelalem	Baltimore Gas and Electric Company	Transmission Owner
Terek	Wesley	Mitsubishi Electric Power Products Inc.	None
Tesfa	Nebiat	PJM Interconnection, LLC	None
Thomas	Jack	PJM Interconnection, LLC	None
Toppo	Shilpa	174 Power Global	None



# Minutes

Tribulski	Jennifer (Jen)	PJM Interconnection, LLC	None
VonPlagenhoef	Rowen	Charles River Associates	None
Walcavich	Colin	National Grid Renewables, LLC	None
Wehnes	Kathleen	Maryland Public Service Commission	None
Welch	Shawn	Doral LLC	None
Whitehead	Jeffrey (Jeff)	GT Power Group	None
Widom	Stuart (Stu)	PJM Interconnection, LLC	None
Wilches	Rafael	Public Service Electric & Gas Company	Transmission Owner
Wilson	James	Wilson Energy Economics	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
York	Joshua	LS Power Development, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None