

November Planning Committee Teleconference / WebEx November 1, 2022 9:00 a.m. – 10:45 a.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. 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. Marilyn Jayachandran reviewed and stakeholders approved the November 1, 2022 Planning Committee (PC) Agenda.
- 3. Marilyn Jayachandran reviewed and stakeholders approved the draft October 4, 2022 Planning Committee meeting minutes.
- 4. Rebecca Carroll reviewed the PC Charter and requested stakeholders to provide proposed changes prior to the December PC meeting. The committee will be requested to endorse proposed changes to the Charter at next month's meeting.

### Endorsements

No endorsements in November.

#### First Reads

No first reads in November.

Informational Updates (9:15 – 9:20)

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

CIR for ELCC Resources Special Session (9:20 – 10:45)

6. <u>Capacity Interconnection Rights for ELCC Resources</u> Brian Chmielewski, PJM, facilitated a review of the CIR for ELCC resources solution packages, investigated potential compromise packages to gain consensus and discussed next steps.



#### Informational Posting

### Model Build Activity Update

### MMWG

- Dynamics
  - PJM has fixed the dynamic data issues identified by operation and planning dynamic data comparison process
  - PJM is collecting dynamic data updates for Transmission Owner dynamic devices
  - PJM is collecting dynamic load model data
- o Loadflow
  - PJM will provide updates to the 2023 summer study case to PowerTech by November 4, 2022
  - PowerTech will post the Trial 1 2023 summer study case by November 10, 2022
  - Transmission Owners will provide updates to PJM for the Trial 1 2023 summer study case by November 17, 2022
  - PJM will provide updates to PowerTech for the Trial 1 2023 summer study case by November 18, 2022
  - PowerTech will post the Trial 2 2023 summer study case by November 25, 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
- $\circ$  Loadflow
  - Transmission Owners to submit Trial 1 updates and LL Ratings via MOD along with updated Tie Line SharePoint data by November 18, 2022

#### Manual 03 Update

The PJM <u>Manual 03 Attachment E: Automatic Sectionalizing Schemes</u> Pending Approval and Recent Changes document has been posted.

Future Meeting	Future Meeting Dates and Materials			Materials
Date	Time	Meeting (Location)	to Secretary	Published
Tuesday, December 6,2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Wednesday November 23, 2022	Tuesday, November 29, 2022

Author: Marilyn Jayachandran



# **Draft Minutes**

#### Attendance List

Carroll (Chair)	Rebecca
Jayachandran (Secretary)	Marilyn
Abate	Stephen
Adams	Darrin
Ali	Shadab
Allen	William (Bill)
Anders	David
Aslam	Nabeel
Aurely	Marc
Bailey	Ronnie
Bainbridge	Tom
Baker	Jeff
Barker	Jason
Bennett	Stephen
Benson	Dan
Bowring	Joe
Boyle	Sean
Bradley	Nathan
Brodbeck	John
Callen	Zachary (Zac)
Carmean	Gregory
Catenacci	Glenn
Caven	Augustine
Chau	Kevin
Chmielewski	Brian
Christopher	Mahila
Cobb	Patrick
Соссо	Michael
Copeland	Kyle
Connell	Jason
Corash	Richard (Rich)
Cox	Jason
Croop	Danielle
Dajewski	Paul
D'Antonio	Phil
Davis	David
Davis	James (Jim)
Davis	Elizabeth (Becky)
DeAngelis	Tom
Domian	Christin
Dugan	Chuck
Dumitriu	Nicolae
Dwarakesh	Nallan
Egan	David
Elkins	Rachel
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Scott

PJM Interconnection, LLC PJM Interconnection, LLC **Duquesne Light Company** East Kentucky Power Cooperative, Inc. PPL Electric Utilities Corp. dba PPL Utilities Commonwealth Edison Company PJM Interconnection, LLC PSEG Energy Resources & Trade LLC FirstEnergy Corporation Virginia Electric & Power Company American Transmission Systems Inc Duke Energy Ohio, Inc. Constellation Energy Generation, LLC PJM Interconnection, LLC Duke Energy Business Services LLC Monitoring Analytics Constellation Energy Generation, LLC East Kentucky Power Cooperative, Inc. EDP Renewables North America, LLC **Illinios Commerce Commission** OPSI Public Service Electric & Gas Company PJM Interconnection, LLC **Duquesne Light Company** PJM Interconnection, LLC Public Utilities Commission of Ohio (The) PJM Interconnection, LLC Old Dominion Electric Cooperative PJM Interconnection, LLC PJM Interconnection, LLC PSEG Energy Resources & Trade LLC Dynegy Power Marketing, Inc. PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC Strata Solar Dominion Energy Generation Marketing, Inc. PJM Interconnection, LLC East Point Energy **Duquesne Light Company** East Kentucky Power Cooperative, Inc. PJM Interconnection, LLC

None None Transmission Owner Transmission Owner Transmission Owner **Transmission Owner** None **Transmission Owner** Transmission Owner Transmission Owner **Transmission Owner** Transmission Owner Generation Owner None Transmission Owner None Generation Owner Transmission Owner Generation Owner None None Transmission Owner None **Transmission Owner** None None None **Electric Distributor** None None Other Supplier Generation Owner None None None None Generation Owner None None Transmission Owner Transmission Owner None None Transmission Owner Transmission Owner

Equinor Wind US

PJM Interconnection, LC

FirstEnergy Corporation

The Federal Energy Regulatory Commission

None

## **Draft Minutes**

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Maguette Anisha Guy Regan Kenneth (Ken) Pauline Afelumo Edmund (Ed) Gary Rehan Suzanne (Sue) Michele Michele Gary Minnie Michael David Steve Suzanne Maria Thomas (Tom) Jennifer Tim Andrew Lynn Marie John Mojtaba Lawrence Eric Jeff Daniel Tom Arthur (Art) Stacev Jesse Diane Gina William (Bill) Carl David Peter Scott Mohamed Matthew Stephen Janessa Jonathan

EDF Renewable Energy PJM Interconnection, LLC Customized Energy Solutions, Ltd.\* Pine Gate Mid-Atlantic, LLC Geenex Solar LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC American Transmission Systems, Inc. ConEdison Energy, Inc. PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PSEG Energy Resources & Trade LLC Enel Trading North America, LLC PJM Interconnection. LLC Market Interconnection Consulting Services (MICS) Geenex Solar. LLC PJM Interconnection, LLC PJM Interconnection, LLC Riverside Generating, LLC Talen Energy Marketing, LLC PJM Interconnection, LLC FirstEnergy Corporation Customized Energy Solutions, Ltd.\* Dayton Power & Light Company (The) PJM Interconnection, LLC FirstEnergy Corporation PJM Interconnection, LLC Urban Grid Solar Projects, LLC Public Service Electric & Gas Company GT Power Group Indiana Office of Utility Consumer Counsel **UGI** Utilities PJM Interconnection, LLC Boston Energy Trading & Marketing, LLC Essential Power Rock Springs, LLC Duke Energy Business Services LLC Customized Energy Solutions, Ltd.\* Indiana Utility Regulatory Commission Energy Endeavors, LLC Indiana Office of Utility Consumer Counsel AEP Appalachian Transmission Company, Inc. Jpower USA Brookfield Energy Marketing LP

None None None Other Supplier Other Supplier None None None Transmission Owner Other Supplier None None None Other Supplier Other Supplier None None Other Supplier None None Generation Owner Generation Owner None **Transmission Owner** None Transmission Owner None Transmission Owner None Other Supplier Transmission Owner None End-Use Customer Transmission Owner None Other Supplier Generation Owner Transmission Owner None None Other Supplier End-Use Customer **Transmission Owner** None Other Supplier **Transmission Owner** None

Kelly

Kent

Kern

**Duquesne Light Company** 

PJM Interconnection, LLC



Esam

Alexandria

George

Meagan

Lisa

Takis

Horst

Devin

Ngan

Leonid

Jessica

Eliasjavier

David

Julie

Lisa

Trey

Maura

Christian

Megan Justin

Karthik

Sharon

Tina

Edwin

Shaun

Steven

Minh

Emma

James

Brock

Medha

Anthonio

Sarah

Komal

Kavya

Asanga

Christopher

Ron

Greg

Jason

John

Ash

Reynaldo

Kai

Christine

# **Draft Minutes**

KhadrKoepplingerKogutKrizenoskasKuchanLaiosLehmannLeith YessianLiuLokLyakhovichLynchMatresMasonMattsonMocCiellandMcDewellMcNeilMidgleyMohlerMoyoMurphyNadelNguyenNiNixNoel JeuneOkanfussOndaykoPaiPanegalPanegalPatelPatelPezonPhilipsPilongPoulousProcuniar	
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Public Service Electric & Gas Company Michigan Public Service Commission New York Power Authority PJM Interconnection, LLC PPL Electric Utilities Corp. dba PPL Utilities AEP Appalachian Transmission Company, Inc. PPL Electric Utilities Corp. dba PPL Utilities **RTO** Insider SP Energy Solution PJM Interconnection, LLC Public Service Electric & Gas Company PJM Interconnection. LLC McNees Wallace & Nurick LLC PPL Electric Utilities Corp. dba PPL Utilities Duke Energy Ohio, Inc. Apex Clean Energy Cleco Power Public Utilities Commission of Ohio Commonwealth of PA PJM Interconnection, LLC Office of the Attorney General, Kentucky **RWE Renewables Americas, LLC** Exelon Business Services Company, LLC PJM Interconnection, LLC **Charles River Associates** Urban Grid Solar Projects, LLC PPL Electric Utilities Corp. dba PPL Utilities Common Wealth Edison Company Power Gem Gable and Associates Acciona Energy North America Corporation Savion, LLC AEP Appalachian Transmission Company, Inc. PJM Interconnection, LLC Apex Clean Energy PJM Interconnection, LLC Public Utilities Commission of Ohio Bitter Ridge Wind Farm, LLC Atlantic Shore Wind Keyurbhai (Keyur) PJM Interconnection, LLC PJM Interconnection, LLC Borough of Chambersburg Marjorie (Marji) Direct Energy Business Marketing, LLC PJM Interconnection, LLC CAPS

Transmission Owner None Other Supplier None Transmission Owner Transmission Owner Transmission Owner None None None Transmission Owner None None **Transmission Owner** Transmission Owner None None None None None End-Use Customer Generation Owner Transmission Owner None None Other Supplier Transmission Owner None None None Generation Owner None Transmission Owner None None None None Generation Owner None None None Electric Distributor Other Supplier None None Electric Distributor

Rainey

Buckeye Power, Inc.

Northern Virginia Electric Cooperative

Electric Distributor

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# **Draft Minutes**

Rasmussen Redding Reid Richards Jr Rocha-Garrido Rohrbach Roychowdhury Rutledge Sami Sasser Scarpiganato Schmitt Schuyler Segner Seiler Shanker Shegarfi Sims Singh
Reid Richards Jr Rocha-Garrido Rohrbach Roychowdhury Rutledge Sami Sasser Scarpiganato Schmitt Schuyler Segner Seiler Shanker Shegarfi Sims Singh
Richards Jr Rocha-Garrido Rohrbach Roychowdhury Rutledge Sami Sasser Scarpiganato Schmitt Schuyler Segner Seiler Shanker Shegarfi Sims
Rocha-Garrido Rohrbach Roychowdhury Rutledge Sami Sasser Scarpiganato Schmitt Schuyler Segner Seiler Shanker Shegarfi Sims Singh
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Sami Sasser Scarpiganato Schmitt Schuyler Segner Seiler Shanker Shegarfi Sims Singh
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Sturgeon
Sunderman
Sussler
Swalwell
Sweeney
Szmodis
Tasnim
Terranova
Thomas
Van Ness
VanBlargan
VelezCedeno
Viswanathan
Walcavich
Watson
Webb
Whitehead
Wilson
Yasutake

Andrew John Cleveland Patricio John Rajarshi Craig Abdulsalam Jonathan David Catherine Ken Sharon Kenneth (Ken) Roy Roozbeh Mark Harliv Ben David Michelle Bridget Steve Alexander (Alex) Jeff Jason John Derek Philip Brad Rory Christopher Samia Chris Amber Zachery Bryna Francisco Atul Colin Jeanine Becky Jeffrey (Jeff) James Sarah Laura

Jay

**Duke Energy Business Services LLC** Heelstone Renewable Energy PJM Interconnection. LLC Price Waterhouse Cooper PJM Interconnection, LLC Southern Maryland Electric Cooperative, Inc. Dayton Power & Light Company AEP Appalachian Transmission Company, Inc. PJM Interconnection, LLC Customized Energy Solutions, Ltd.\* Calpine Energy Services L.P Public Service Electric & Gas Company PJM Interconnection, LLC LS Power Development, LLC PJM Interconnection, LLC H.Q. Energy Services (U.S.), Inc. Exelon Business Services Company, LLC PJM Interconnection, LLC Northern States Power Company Organization of PJM States, Inc. (OPSI) PJM Interconnection, LLC PJM Interconnection. LLC Dayton Power & Light Company (The) **Duke Energy Business Services LLC** Public Service Electric & Gas Company American Transmission Systems Inc AES Ohio Generation, LLC Duke Energy Carolinas, LLC Tradewind Energy, Inc. State of Maryland Tangent Energy Solutions, Inc. GT Power Group PPL Electric Utilities Corp. dba PPL Utilities PSEG Energy Resources & Trade, LLC PJM Interconnection, LLC Exelon Business Services Company, LLC PJM Interconnection, LLC **Resource Investments** Virginia Electric & Power Company **AES** Corporation National Grid Renewables, LLC PJM Interconnection, LLC Commonwealth Edison Company GT Power Group Wilson Energy Economics Jersey Green Energy, LLC

Transmission Owner None None None None Electric Distributor Transmission Owner Transmission Owner None None Generation Owner Transmission Owner None None None Other Supplier Transmission Owner None Other Supplier None None None Transmission Owner **Transmission Owner** Transmission Owner Transmission Owner Generation Owner Other Supplier None None Other Supplier None Transmission Owner Transmission Owner None Transmission Owner None None Transmission Owner None None None **Transmission Owner** None None Other Supplier None

PJM Interconnection, LLC



Zahidi

Mohamed

PSEG Energy Resources & Trade LLC

Other Supplier